



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT,  
ODISHA**  
**“Research Publication and Ethics”**  
**(11-01-2024)**

**Workshop on Research Publication and Ethics**  
**Resource Person: Dr. Gautam kumar Das**

**REPORT**

In this Workshop, in theory session we learnt about Research publication and ethics like Competing Interests, Plagiarism, Guide to prevent Plagiarism, Research Fraud, Salami Slicing Top reasons to publish ethically, Software like Grammarly, Quillbot, Turnitin, Mendeley.

In the Practical session we learnt about the working of Mendeley software, how to run it, what's its use, how it runs and helps in arranging References

- **Session #1 – Theory**
- **Session #2 – Practical**



Seminar Hall  
CUTM,  
Paralekhemundi

**11 Jan**  
Thursday



With  
**Dr. Goutam Kumar Dash**

2024 10 am - 1 pm



# Workshop

\* **Research,  
Publications & Ethics**

**Organised by**  
Department of Agricultural Extension Education,  
M S Swaminathan School of Agriculture,  
Centurion University of Technology & Management,  
R. Sitapur, Gajapati, Odisha, India, 761211



## List of Participants

Vrinda V Naru	230805190033	Student
Bandi Chandana	230805190032	Student
Monalisa Sarkar	230805190005	Student
Nasrim Begum	230805190003	Student
Shrija Begum	230805190007	Student
Mousumi Ghosh	230805190006	Student
Priyanka Paul	230805190014	Student
Jayita Jantura	230805190015	Student
Krishnakali Hait	230805190031	Student
Shreya Chakraborty	230805220005	Student
Santanu Jana	230805190022	Student
Surajit Patra	230805190011	Student
Pradip Dey	230805250004	Student



Debopan Sarkar	230805250005	Student
Debraj Nayek	230805190030	Student
T. Rustri Naidu	230805210018	Student
Souvik Mahapatra	230805190001	Student
Bikram Singh Mahapatra	230805190002	Student
Sayam Ghosh	230805190004	Student
Vemu Sudham	230805250001	Student
Nibedita Mishra	220805220015	Student
Samik Kumar Pradhan	230805220002	Student
Soumyajit Panda	220202140007	Student
Sayan	220202140007	Student
Chandan Kumar Mahanta	230805220104	Student
Kanhu Charan Patnaik	220202140008	Student
T. Renuka Chandra	220202140001	Student
Sameera Reddy's	220202140006	Student
Mukhi Vinitha	230805200002	Student
Vineeta Chandra	220506192003	PhD Scholar
Sanju Saha	230506192004	PhD Scholar
Swati suman	220506192002	PhD Scholar
Anamika Sinha	230506192001	PhD Scholar
Sitabhra Majumder	230506192003	PhD Scholar
Sumit Ray	230506192002	PhD Scholar
Dr. Kaustav K. Panda	EMPPKD0114	Assistant Professor
Peddi Naga Harsha Vardhan	EMPPKD1257	Asst Professor
Dr. Ajay Prusty	EMPPKD0441	Asst Professor
Dwiti Sundar Raut	EMPPKD0566	PhD Scholar
Dr Chitrasena Padhy	EMPPKD0094	Associate Professor
Biswajit Sahoo	EMPPKD1256	Asst Professor

## **A Talk on Education for Being Responsible SDG Professionals**

**Date-** January 27, 2024

**Time-** 3:30 PM to 4:30 PM

**Resource Person-** Ms. Jen Dollin

**Number of Participants-**

### **Description-**

The School of Management organized a talk on "Education for Being Responsible SDG Professionals" on January 27, 2024, from 3:30 PM to 4:30 PM. The talk aimed to enlighten students about the importance of Sustainable Development Goals (SDGs) in shaping their professional careers. Ms. Jen Dollin, the Director of Sustainability and External Partnership at Western Sydney University, served as the resource person for the event. The audience comprised students pursuing a Bachelor of Business Administration (BBA) and Bachelor of Science in Agriculture (BSc Agriculture).

### **Objective-**

The primary objective of the talk was to educate students about the significance of SDGs in addressing contemporary global challenges, including ecological, economic, social, and geopolitical crises. The talk aimed to emphasize the role of interdisciplinary knowledge, holistic thinking, and effective communication in fostering sustainability.

### **Outcome:**

During the talk, Ms. Jen Dollin highlighted the multifaceted challenges faced by sustainability professionals in the modern era. She underscored the necessity for synthesizing diverse disciplinary knowledge, embracing uncertainty, developing systemic thinking capabilities, and fostering meaningful communication with stakeholders. Moreover, Ms. Dollin provided insights into the sustainability challenges prevalent in Western Sydney University's region, including urbanization, biodiversity loss, and multiculturalism.

Furthermore, Ms. Dollin presented the Impact Ranking of SDGs in 2023, which prioritized goals such as Gender Equality, Responsible Consumption and Production, and Partnership for the Goals. This ranking shed light on the most pressing global sustainability issues and underscored the importance of concerted efforts towards achieving these goals.

The interactive session at the end of the talk provided students with an opportunity to clarify their doubts and deepen their understanding of the discussed topics. The engagement of



students, coupled with Ms. Dollin's expertise, enriched the learning experience and stimulated critical thinking among participants.

### **Conclusion-**

In conclusion, the talk on "Education for Being Responsible SDG Professionals" served as a platform for students to gain valuable insights into the complexities of sustainable development and the pivotal role of SDGs in addressing contemporary global challenges. Ms. Jen Dollin's expertise and engaging presentation style contributed to a meaningful exchange of ideas and knowledge dissemination. The event underscored the importance of interdisciplinary education, holistic thinking, and effective communication in nurturing responsible SDG professionals poised to tackle the complexities of the modern world. The School of Management expresses its gratitude to Ms. Dollin for her valuable contribution, and Ms. Swarupa Rani Deo of the 6th Semester, B.Sc. Agriculture student, delivered a vote of thanks, concluding the event on a positive note.



**A TALK ON EDUCATION FOR  
BEING RESPONSIBLE SDG  
PROFESSIONALS**

**Ms. Jen Dollin**  
Director Sustainability & External Partnership  
Western Sydney University

27 January 2024, 3.30pm-4.30pm  
MBA Seminar Hall, School of Management  
Paralakhemundi Campus

**Talk Flyer**



**Ms. Jen during the session on 27<sup>th</sup> January, 2024**



**Student interaction with the resource person on 27<sup>th</sup> January, 2024**





**Students doubt clearing during the session on 27<sup>th</sup> January, 2024**



**Ms. Swarupa Rani Deo while delivering vote of thanks**

Anita Palea  
REGISTRAR



Pragna Pani  
CONVENOR



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA**  
**"Research Publication and Ethics"**  
**(11-01-2024)**

**Workshop on Research Publication and Ethics**  
**Resource Person: Dr. Gautam kumar Das**

**REPORT**

In this Workshop, in theory session we learnt about Research publication and ethics like Competing Interests, Plagiarism, Guide to prevent Plagiarism, Research Fraud, Salami Slicing Top reasons to publish ethically, Software like Grammarly, Quillbot, Turnitin, Mendeley.

In the Practical session we learnt about the working of Mendeley software, how to run it, what's its use, how it runs and helps in arranging References

- **Session #1 – Theory**
- **Session #2 – Practical**



Seminar Hall  
CUTM,  
Paralakhemundi

**11 Jan**  
Thursday



With  
**Dr. Goutam Kumar Dash**

2024 10 am - 1 pm



# Workshop

\* **Research,  
Publications & Ethics**

**Organised by**  
Department of Agricultural Extension Education,  
M S Swaminathan School of Agriculture,  
Centurion University of Technology & Management,  
R. Sitapur, Gajapati, Odisha, India, 761211





## List of Participants

Vrinda V Naru	230805190033	Student
Bandi Chandana	230805190032	Student
Monalisa Sarkar	230805190005	Student
Nasrim Begum	230805190003	Student
Shrija Begum	230805190007	Student
Mousumi Ghosh	230805190006	Student
Priyanka Paul	230805190014	Student
Jayita Jantura	230805190015	Student
Krishnakali Hait	230805190031	Student
Shreya Chakraborty	230805220005	Student
Santanu Jana	230805190022	Student
Surajit Patra	230805190011	Student
Pradip Dey	230805250004	Student

Debopan Sarkar	230805250005	Student
Debraj Nayek	230805190030	Student
T. Rustri Naidu	230805210018	Student
Souvik Mahapatra	230805190001	Student
Bikram Singh Mahapatra	230805190002	Student
Sayam Ghosh	230805190004	Student
Vemu Sudham	230805250001	Student
Nibedita Mishra	220805220015	Student
Samik Kumar Pradhan	230805220002	Student
Soumyajit Panda	220202140007	Student
Sayan	220202140007	Student
Chandan Kumar Mahanta	230805220104	Student
Kanhu Charan Patnaik	220202140008	Student
T. Renuka Chandra	220202140001	Student
Sameera Reddy's	220202140006	Student
Mukhi Vinitha	230805200002	Student
Vineeta Chandra	220506192003	PhD Scholar
Sanju Saha	230506192004	PhD Scholar
Swati suman	220506192002	PhD Scholar
Anamika Sinha	230506192001	PhD Scholar
Sitabhra Majumder	230506192003	PhD Scholar
Sumit Ray	230506192002	PhD Scholar
Dr. Kaustav K. Panda	EMPPKD0114	Assistant Professor
Peddi Naga Harsha Vardhan	EMPPKD1257	Asst Professor
Dr. Ajay Prusty	EMPPKD0441	Asst Professor
Dwiti Sundar Raut	EMPPKD0566	PhD Scholar
Dr Chitrasena Padhy	EMPPKD0094	Associate Professor
Biswajit Sahoo	EMPPKD1256	Asst Professor

## Report on training programme on Smart Agriculture

M.S.Swaminathan School of Agriculture under the aegis of the research centre on Smart Agriculture have successfully organized a one-week hands-on training program on Smart Agriculture for the students from Horticulture College, Khuntpani, Chaibasa, Birsa Agriculture University, Ranchi, Jharkhand from 10-15th January 2024. Total of 15 students participated in this paid training program. The 06 days training programme was split into 12 sessions.

*The objective of the training programme was to orient the students on the recently evolved technologies concerning the sphere of Smart Agriculture and make them self reliant.*

*The following activities were undertaken during the 06 day long programme:*

### **Day 1 Session 1:**

*The training programme was inaugurated by the Registrar, Centurion University of Technology and Management who welcomed the participants and emphasized on the importance of organizing such a training programme in the present scenario.*

*The Dean Administration in his speech apprised the participants on the ecosystem created by the University for imparting different skills to make the people self sufficient.*

*The Dean Academics stressed on the utilization of the available resources of the University to sharpen their skills and contribute towards a good nation building. The programme coordinator and other research centre coordinators requested the participants to make proper utilization of the available resources and contribute proactively for each session.*



### **Day 1 Session 2:**

Participants visited different Agriculture units on campus to gain an insight into the role of each unit.



### ***Day 2 Session 1:***

Introduction to hydroponics technology and fixing of hydroponics structures.



### ***Day 2 Session 2:***

Training on nutrient management in hydroponics.



### ***Day 3 Session 1:***

Nursery preparation for hydroponics using different growing media.





***Day 3 Session 2:***

Demonstration on application of drones in agriculture.



***Day 4 Session 1:***

Training on protected cultivation practices.



***Day 4 Session 2:***

Training on layout preparation.



### ***Day 5 Session 1:***

Training on micro- irrigation management.

### ***Day 5 Session 2:***

Training on automation and IoT in smart agriculture



### ***Day 6 Session 1:***

Training on laying mulching sheet and planting.



## *Day 6 Session 2:*

visit to PG research farms.



The programme met its objectives with the collaborative efforts of the research centre coordinators, AELP students and the overall support rendered by the management of Centurion University of Technology and Management, Paralakhemundi. The participants were of the opinion that it was truly a great learning experience for them.

## Report on training programme on Smart Agriculture

M.S.Swaminathan School of Agriculture under the aegis of the research centre on Smart Agriculture have successfully organized a one-week hands-on training program on Smart Agriculture for the students from Horticulture College, Khuntpani, Chaibasa, Birsa Agriculture University, Ranchi, Jharkhand from 10-15th January 2024. Total of 15 students participated in this paid training program. The 06 days training programme was split into 12 sessions.

*The objective of the training programme was to orient the students on the recently evolved technologies concerning the sphere of Smart Agriculture and make them self reliant.*

*The following activities were undertaken during the 06 day long programme:*

### **Day 1 Session 1:**

*The training programme was inaugurated by the Registrar, Centurion University of Technology and Management who welcomed the participants and emphasized on the importance of organizing such a training programme in the present scenario.*

*The Dean Administration in his speech apprised the participants on the ecosystem created by the University for imparting different skills to make the people self sufficient.*

*The Dean Academics stressed on the utilization of the available resources of the University to sharpen their skills and contribute towards a good nation building.*

*The programme coordinator and other research centre coordinators requested the participants to make proper utilization of the available resources and contribute proactively for each session.*



### **Day 1 Session 2:**

Participants visited different Agriculture units on campus to gain an insight into the role of each unit.





### ***Day 2 Session 1:***

Introduction to hydroponics technology and fixing of hydroponics structures.



### ***Day 2 Session 2:***

Training on nutrient management in hydroponics.



### ***Day 3 Session 1:***

Nursery preparation for hydroponics using different growing media.



***Day 3 Session 2:***

Demonstration on application of drones in agriculture.



***Day 4 Session 1:***

Training on protected cultivation practices.



***Day 4 Session 2:***

Training on layout preparation.



***Day 5 Session 1:***

Training on micro- irrigation management.

***Day 5 Session 2:***

Training on automation and IoT in smart agriculture



***Day 6 Session 1:***

Training on laying mulching sheet and planting.



## *Day 6 Session 2:*

visit to PG research farms.



The programme met its objectives with the collaborative efforts of the research centre coordinators, AELP students and the overall support rendered by the management of Centurion University of Technology and Management, Paralakhemundi. The participants were of the opinion that it was truly a great learning experience for them.





## **Webinar Report on** **Milk Proteins and Allergy**

**Date: 5.08.2023; Time: 3.30 to 5.00 PM**

### **Organized by**

Department of Dairy Technology, School of Agricultural and Bioengineering,  
Centurion University of Technology and Management, Odisha

### **Resource Person**

**Dr. Sanket Borad**

Technical Director, Flavi Dairy Solutions,  
Ahmedabad, Gujarat

### **About the webinar**

The Department of Dairy Technology, School of Agricultural and Bioengineering, Centurion University of Technology and Management, Odisha, organized a webinar on “**Milk Proteins and Allergy**” on **5<sup>th</sup> August 2023**. The eminent guest speaker of the webinar was **Dr. Sanket Borad**, Technical Director, Flavi Dairy Solutions, Ahmedabad. Dr. Sanket Borad is doctorate in Dairy Technology from the prestigious ICAR-National Dairy Research Institute and have several years of experiences in internationally reputed dairy industries. About 164 participants including students, faculties, industry persons, research scholars from different campuses of Centurion University of Technology and Management, Odisha and other research institute including ICAR-National Dairy Research Institute, Karnal, Haryana; Guru Angad Dev Veterinary and

Animal Sciences University, Punjab; Bhagalpur University, Bihar; College of Veterinary Science and Animal Husbandry, Durg; SMC College of Dairy Science, Anand; College of Dairy Technology, Sri Venkateswara Veterinary University, Tirupati; Banaras Hindu University, Varanasi; Birsa Agricultural University, Jharkhand; GN Patel College of Dairy Science, Gujarat; Sanjay Gandhi Institute of Dairy Technology, Bihar; College of Food Processing Technology and Bio-Energy, Gujarat; Uttarakhand Technical University, Dehradun; Sam Higginbottom University of Agriculture Technology and Sciences, Allahabad; College of Dairy Science and Food Technology, Raipur; Anand Agricultural University, Gujarat; College of Dairy Science, Amreli; Parul University, Vadodara; Deen Dayal Upadhyaya Veterinary and Animal Science University, Mathura; Utkal University, Odisha; NMIMS University, Mumbai; IRMA, Gujarat; Mansinhbhai Institute of Dairy and Food Technology, Gujarat; MILKFED Verka, Punjab; Vidya Dairy, Anand; Havmor Ice-cream, Gujarat; Banas Dairy, Gujarat; Sabar Dairy, Gujarat; Sursagar Dairy, Gujarat; GCMMF- Amul, Gujarat; Vasudhara Dairy, Alipore have participated in the webinar.

The webinar was started with the welcome address, by **Dr. Gitanjali Behera**, Associate Dean, SoABE, CUTM. She welcomed all the participants, speaker of the event and offered her best wishes for the event to be successful and appreciated Department of Dairy Technology for organizing the webinar. The organizer of the event **Dr. Prasanta Kumar Choudhury**, Head, Department of Dairy Technology, briefly introduced the invited speaker, enlightened about the topic of the webinar and coordinated the webinar. The session began with a brief introduction about the milk proteins constituents. In the presentation Dr. Sanket Borad explained about the different digestive parameters of milk proteins in relation to human nutrition. Giving a basic concept in IgE mediated hypersensitivity he also emphasized the importance of milk proteins in comparison to vegan milk proteins and factors responsible for prompting an allergic response followed by milk consumption. Moreover, he highlighted about the advanced processing technologies in dairy sectors and heat induced milk allergenicity and lactose intolerance in brief. He also explained the importance of fermented milk products and its lesser allergenicity behavior taking examples of curd, yoghurt, cheese etc. The webinar is followed by a deep discussion between the resource person and the participants.

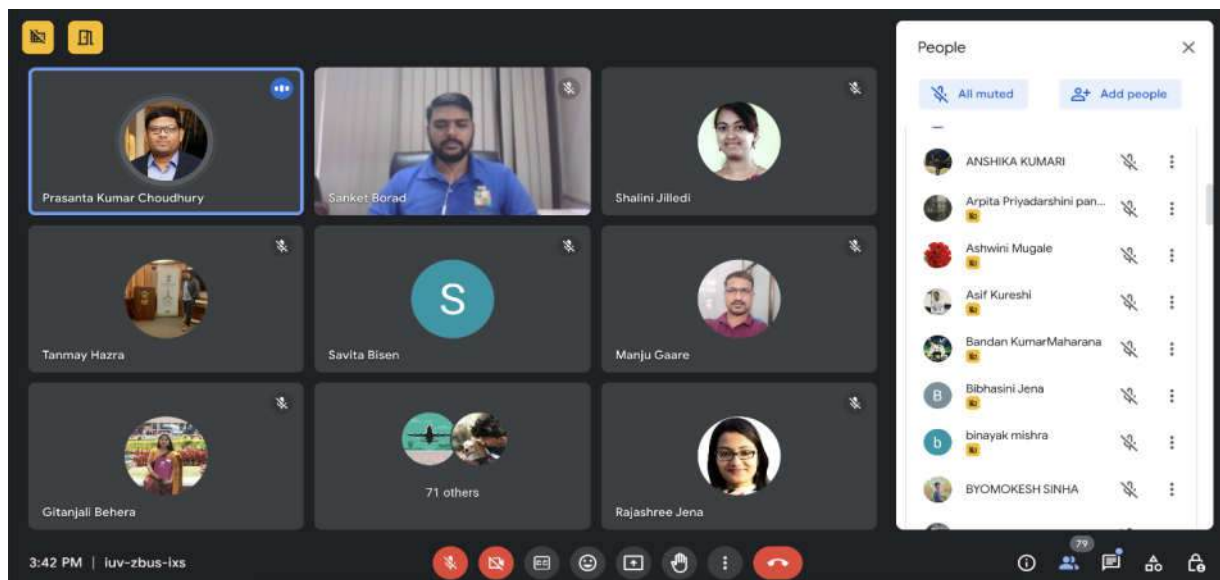
At last, the webinar was concluded with vote of thanks by **Dr. Rajashree Jena**, Assistant Professor and Co-organizer, Department of Dairy Technology, SoABE, CUTM where, she

acknowledged the speaker of the event, participants, organizers, faculty members and other officials for their active support for making the program successful.

### Outcome of the Webinar

- Participants got the idea about the different milk protein constituents and their utilization behavior in relation to different human nutrition parameters.
- Participants came to know about vegan milk vs. animal milk in response to allergic symptoms.
- Developed ideas about different determinants responsible for milk protein allergy and effect of processing technologies to reduce the allergenicity.

### Glimpse of the Webinar



Sanket Borad (Presenting)

# Milk Proteins & Allergy

Sanket Borad, Dr.  
Technical Director  
FLAVI DAIRY



Centurion UNIVERSITY

3:45 PM | iuv-zbus-ixs

People

All muted Add people

Search for people

IN MEETING

Contributors 78

- Prasanta Kumar C... (You) Meeting host
- Abhi Sukhadiya
- ABHILASH PRADHAN
- ALOK KUMAR TRIPATHY
- Aman Kumar
- AMISHA KUMARI
- AMRIT RAJ

74 others

Sanket Borad (Presenting)

## Milk Protein

### Casein

- $\alpha_{s1}$ -Casein
- $\alpha_{s2}$ -Casein
- $\beta$ -Casein
- $\kappa$ -Casein

### Whey Proteins

- $\alpha$ -Lactalbumin
- $\beta$ -Lactoglobulin
- Bovine Serum Albumin
- Immunoglobulin
- Lactoferrin
- Lysozyme

3:47 PM | iuv-zbus-ixs

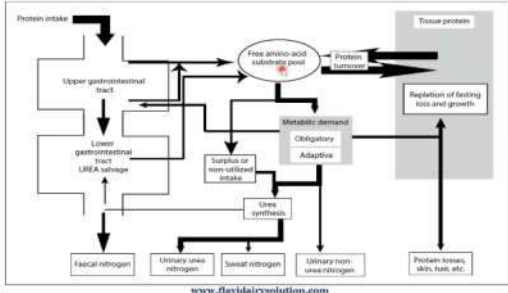
People

All muted Add people

- KETHALI SAI KARTHIKEY
- KRISHNA NAYAK
- M S POOJA
- MANISH KUMAR
- Manju Gaare
- MANOJ KUMAR HARPAL
- MANUKONDA YASASWI...
- Mayur special
- Milan Kaila

73 others

Sanket Borad (Presenting)



Protein intake

Upper gastrointestinal tract

Lower gastrointestinal tract

UREA salvage

Faecal nitrogen

Urinary urea nitrogen

Sweat nitrogen

Urinary non-urea nitrogen

Protein losses, skin, hair, etc.

Free amino acid substrate pool

Protein synthesis

Regulation of fasting loss and growth

Metabolic demand

Obligatory

Adaptive

Urea synthesis

www.flavidairevolution.com

4:09 PM | iuv-zbus-ixs

People

All muted Add people

- MANOJ KUMAR HARPAL
- MANUKONDA YASASWI...
- Milan Kaila
- MR. ANSHUMAN PANDA
- MUSKAN KUMAR
- Pallavi Parashar
- Prasanta Kumar Choud...
- PRIYAM SAMAL

72 others



**People**

All muted Add people

- bhinayak mishra
- BYOMOKESH SINHA
- CHINMAYA KUMAR RATH
- DATLA PRATHYUSHA
- Dhyey Vaghasiya
- Dibesh Kumar Dalai
- DR. B. DIVYA SRI
- DR. DEEPANKA SAIKIA

Sanket Borad (Presenting)

Prasanta Kumar ...

Gitanjali Behera

Manju Gaare

75 others

Rajashree Jena

4:23 PM | iuv-zbus-ixs

**Thank You!**

**Contact Details:**  
**Sanket Borad, Dr.**  
**Flavi Dairy Solutions,**  
**Ahmedabad, Gujarat, India**  
**+91-9966378678**  
**director.flavi@gmail.com**  
**www.flavidairysolution.com**

**Jai Hind!**

[www.flavidairysolution.com](http://www.flavidairysolution.com)

Sanket Borad

Prasanta Kumar Ch...

Gitanjali Behera

Manju Gaare

Tanmay Hazra

Jimi suthar

74 others

Rajashree Jena

4:37 PM | iuv-zbus-ixs

Sanket Borad

Prasanta Kum...

SUBHENDU M...

Rajashree Jenu

Manju Gaare

Tanmay Hazra

Jimi suthar

AMRIT RAJ

Savita Bisen

Gitanjali Behera

krunal Raval

M S POOJA

Dr. Koustava K...

BYOMOKESH ...

ALOK KUMAR ...

TANMAYA RA...

ABHILASH PR...

Dibesh Kumar...

MR. ANSHUM...

OMPRAKASH ...

Kaushal Patel

Dhruv Raval

42 others

Bhishma Naray...

5:20 PM | iuv-zbus-ixs

## Brochure of the Webinar



**Centurion  
UNIVERSITY**  
*Shaping lives...  
Empowering Communities...*





### WEBINAR ON

## MILK PROTEINS AND ALLERGY



**Date: 5<sup>th</sup> August, 2023**  
**Time: 3.30 PM to 5.00 PM**

#### RESOURCE PERSON

### Dr. Sanket Borad

Technical Director | Flavi Dairy Solutions  
Ahmedabad | Gujarat  
Email: [director.flavi@gmail.com](mailto:director.flavi@gmail.com)

#### ORGANISED BY

Department of Dairy Technology,  
School of Agricultural and Bio-Engineering  
CUTM, Paralakhemundi, Odisha



**Webinar Registration Link**  
<https://forms.gle/DmifUsMtzDQgukw88>



**Webinar Joining link**  
<https://meet.google.com/iuv-zbus-ixs>

#### Coordinators

Dr. Prasanta Kumar Choudhury Department of Dairy Technology Email: <a href="mailto:prasanta.choudhury@cutm.ac.in">prasanta.choudhury@cutm.ac.in</a>	Dr. Rajashree Jena Department of Dairy Technology Email: <a href="mailto:rajashree.jena@cutm.ac.in">rajashree.jena@cutm.ac.in</a>
---	---

E-Certificates will be issued to the registered participants after successful participation

**Centurion University of Technology and Management, Odisha**  
CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur



## A REPORT ON

### **Career Talk in Dairy Technology**

**Date and Time:** 16<sup>th</sup> September, 2023, 3.30 pm – 5.30 pm

**Venue:** Room no-217, CRC-II

**No. of Participants:** 18

**Resource Person:** Mr. Mitul Kumar Bumbadiya

(ARS-Scientist, National Research on Camel, Bikaner, Rajasthan)

#### **About the Resource Person:**

Mr. Mitul Kumar Bumbadiya, ARS- Scientist, currently posted at National Research Centre on Camel, Bikaner, Rajasthan. He has a B.Tech. in Dairy Technology from SMC College of Dairy Science, Anand, Gujarat, M.Tech. and Ph.D. from National Dairy Research Institute, Karnal Haryana. He has more than 10 publications in different reputed journals. He has one patent in his M.Tech. research. He served as an assistant professor in the College of Dairy Science, Kamdhenu University, Amreli, Gujarat for three years before joining as ARS Scientist.

#### **Description:**

A Career Talk was organized in the Department of Dairy Technology for all semester students on 16<sup>th</sup> September 2023 from 3.30 p.m. to 5.30 p.m. As a part of the career counseling, this talk was organized in the Dairy Technology department on the above date and time.

#### **Objective:**

- To help/provide knowledge about the different scopes of career after graduation in Dairy Technology.
- To encourage and enlighten students about the dairy industry and its prospects.
- Encourage students about higher studies and their scopes.
- The students will be confident in a good career option in the dairy sector.

#### **Outcomes:**

- Students got adequate knowledge about the different career options in Dairy Technology
- Get knowledge about different competitive exams which helps in higher studies in dairy technology
- They cleared their queries and doubts about their career in Dairy Technology



### Glimpse of the Career Talk:



**Figure 1,2,3: The interaction with students about the career planning**

A circular purple stamp with the text "CUTA Odisha" and "PARALAKHEMUNDI" around the perimeter. To the right of the stamp is a handwritten signature in blue ink that reads "Soma Maji".

Dr. Soma Maji  
Career Coordinator  
Department of Dairy Technology,  
SoABE, Paralakhemundi, Odisha





**Webinar Report on**  
**Microbiological Risk Assessment in Dairy and Food**  
**Industry**

**Date: 08.11.2023; Time: 3.30 to 5.00 PM**

**Organized by**

Department of Dairy Technology, School of Agricultural and Bio-Engineering, in association with Research Centre for Phytopharma, Centurion University of Technology and Management, Paralakhemundi, Odisha

**Resource Person**

**Dr. Sarang Dilip Pophaly**

Assistant Professor, Department of Dairy Microbiology,  
College of Dairy Science and Food Technology,  
DSVCKV, Raipur, Chhattisgarh, 492006, India

**About the webinar**

The Department of Dairy Technology, School of Agricultural and Bioengineering, in association with Research Centre for Phytopharma, Centurion University of Technology and Management, Odisha, organized a webinar on “**Microbiological Risk Assessment in Dairy and Food Industry**” on **8<sup>th</sup> November, 2023** from 3.30 PM to 5.00 PM. The eminent guest speaker of the webinar was **Dr. Sarang Dilip Pophaly**, Assistant Professor, Department of Dairy

Microbiology, College of Dairy Science and Food Technology, DSVCKV, Raipur, Chhattisgarh, India. **Dr. Sarang Dilip Pophaly** is doctorate in Dairy Microbiology from the prestigious ICAR-National Dairy Research Institute and have several years of experiences in teaching and in reputed dairy industries. About 158 participants including students, faculties, industry persons, research scholars from different campuses of Centurion University of Technology and Management, Odisha and other national organizations of India have participated in the webinar.

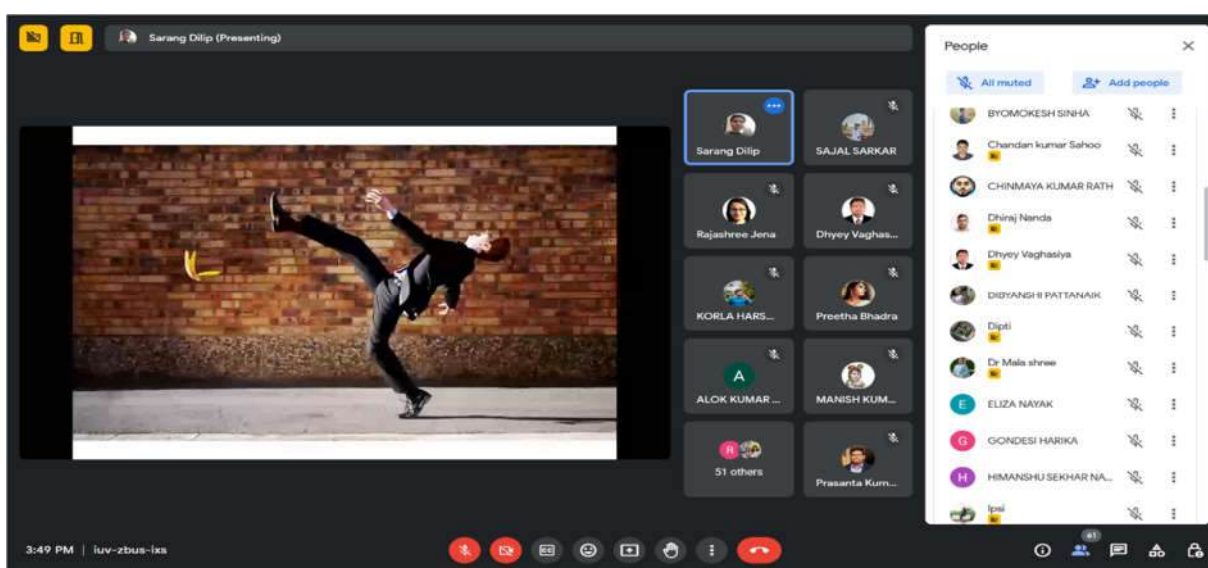
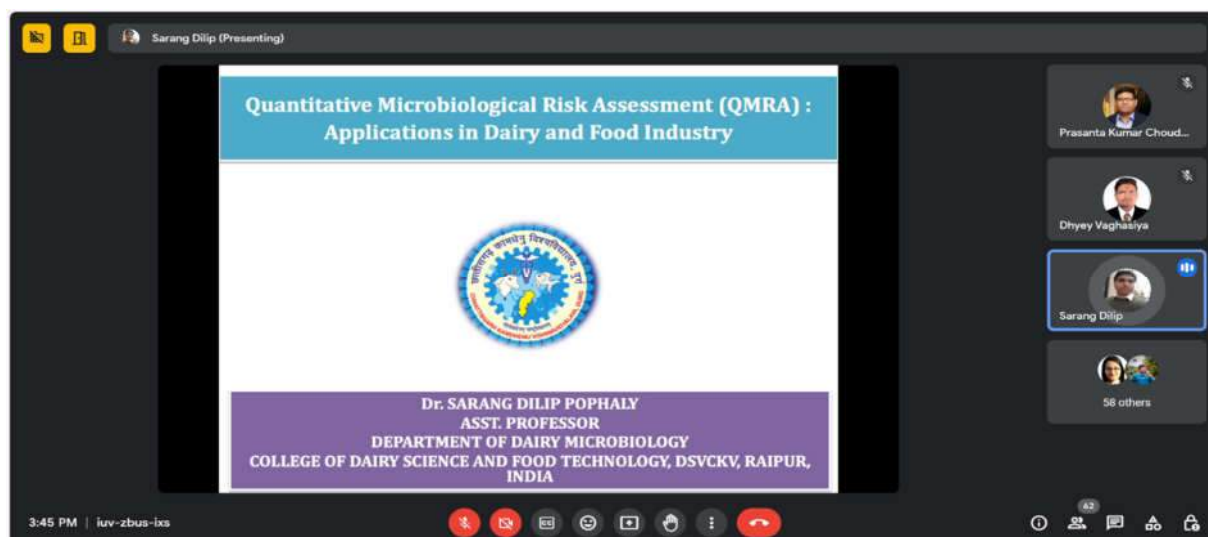
The webinar was started with the welcome address by **Dr. Korla Harshavardhan**, Associate Dean, SoABE, CUTM. He welcomed all the participants, speaker of the event and offered his best wishes for the event to be successful and appreciated Department of Dairy Technology and Research Centre for Phytopharma for organizing the webinar. The theme and purpose of the event was briefly addressed by **Dr. Prasanta Kumar Choudhury**, Head of the Department of Dairy Technology. The organizer of the event **Dr. Rajashree Jena**, Assistant Professor, Department of Dairy Technology, briefly introduced the invited speaker, enlightened about the topic of the webinar and coordinated the webinar. The session began with a brief introduction about the microbiological risks in food sector. In the presentation **Dr. Sarang Dilip Pophaly** explained about the present status and requirements associated with the risks of microbiological origin in dairy foods. He also emphasized the importance of risk assessment in dairy sector in order to gain quality assurance of dairy products. Moreover, he also highlighted about the advanced processing technologies in dairy sectors and risk minimization strategies in small, medium, and large-scale operations. In addition to that advanced computational tools that can be used in quantitative assessment of different hazards present in milk and milk products was discussed in the webinar talk. The webinar was followed by a deep discussion between the resource person and the participants.

At last, the webinar was concluded with the vote of thanks by **Dr. Preetha Bhadra**, Assistant Professor and Coordinator, Research Centre for Phytopharma, CUTM where she acknowledged the speaker of the event, participants, organizers, faculty members and other officials for their active support for making the program successful.

## Outcome of the Webinar

- Participants got the idea to estimate potential microbial hazards in dairy and food production processes.
- Participants came to know about the risk of contamination and the growth of pathogenic microorganisms in food products.
- Developed ideas about strategies for mitigating microbiological risks and ensuring food safety in the dairy and food industry.

## Glimpse of the Webinar



Sarang Dilip (Presenting)

4:06 PM | iuv-zbus-ixs

Sarang Dilip (Presenting)

4:35 PM | iuv-zbus-ixs

People

All muted Add people

Search for people

IN MEETING

Contributors 83

- Prasanta Kumar C... (You) Meeting host
- ABHILASH PRADHAN
- ADRITA BANERJEE
- Aiswarya S Panicker
- AJITAB BISWAL
- ALOK KUMAR TRIPATHY
- AMISHA KUMARI
- AMRIT RAJ
- ANSHIKA KUMARI

5:01 PM | iuv-zbus-ixs

Grid of participants:

- kamalesh swain
- Sarang Dilip
- Rajkishore Be...
- Preetha Bhadra
- Subhaya Kh...
- Chandan kum...
- AMRIT RAJ
- AJITAB BISWAL
- GUNGAN SIN...
- Upadhyay Dev...
- SAJAL SARKAR
- Rajkishore Be...
- ALOK KUMAR ...
- RITIK RAJ
- ANSHIKA KU...
- Payal Priyade...
- PRITHA MAND...
- Soma Maji
- RAHUL KUMAR
- JASHASWI CH...
- Subhasmita M...
- BYOMKESH ...
- CHINMAYA KU...
- Dipti
- SANJANA CH...
- PRIYAM SAMAL
- DEBASIS PATT...
- RAKESH KUM...
- SUDIP RANJA...
- IPSITA MISHRA
- KUNCHAM VE...
- Suman Mukha...
- Arpita Priyade...
- Uday vardhan
- Reetuprava B...
- SWAYAM TRIP...
- OMPRAKASH ...
- JIBANJYOTI N...
- Subhira Suman
- JIGNYASA PA...
- Duhiraj Jadav
- SWAGATIKA J...
- Aiswarya S Pa...
- vandna kumari
- PRAGATI SAHU
- PURBASHA PR...
- Dr. Mala shree
- 33 others
- Prasanta Kum...



## Brochure of the Webinar



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education, Government of India)



1 NO POVERTY 2 ZERO HUNGER 4 QUALITY EDUCATION 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 17 PARTNERSHIPS FOR THE GOALS

WEBINAR ON

# Microbiological Risk Assessment in Dairy and Food Industry



**RESOURCE PERSON**  
**DR. SARANG DILIP POPHALY**  
ASSISTANT PROFESSOR  
COLLEGE OF DAIRY SCIENCE AND FOOD TECHNOLOGY,  
RAIPUR, CHHATTISGARH

**8<sup>th</sup> November 2023 | Register at**  
**3.30 PM to 5.00 PM | <https://forms.gle/YPGbiSk8dDKXg9Rq9>**

**Organized by**  
**Department of Dairy Technology,**  
**School of Agricultural and Bio-Engineering,**  
**in association with Research Centre for Phytopharma,**  
**Centurion University of Technology and Management,**  
**Odisha, 761211**

**Moderators**  
Dr. Rajashree Jena  
Department of Dairy Technology  
Email: [rajashree.jena@cutm.ac.in](mailto:rajashree.jena@cutm.ac.in)  
Dr. Prasanta Kumar Choudhury  
HOD, Department of Dairy Technology  
Email: [prasanta.choudhury@cutm.ac.in](mailto:prasanta.choudhury@cutm.ac.in)

E-Certificates will be issued to the registered participants after successful participation



## **Centurion University of Technology & Management Paralakhemundi Campus, Odisha**

### **Industry Expertise Webinar on WIND ENERGY SYSTEMS**

Resource Person: Er. Kishore Kumar Nath

Date: 09/11/2023

Time: 3.00 pm

Duration: 1 hr

Number of Participants- 93

#### **Details of Resource Person:**

Er. Kishore Kumar Nath plays a pivotal role as the Product Team Lead ERP at Siemens Gamesa Renewable Energy GmbH in Frankfurt, Germany. With a wealth of experience, he oversees and guides the ERP team, ensuring the seamless integration and optimization of enterprise resource planning systems. His strategic leadership contributes significantly to Siemens Gamesa's commitment to renewable energy solutions. Mr. Nath's dedication to innovation and efficiency is evident in his work, driving advancements in the ERP domain. His role in Germany reflects a global perspective, strengthening Siemens Gamesa's position as a leader in sustainable energy through cutting-edge technology and strategic management.



# Industry Expertise Webinar on **WIND ENERGY SYSTEM**

9th Nov 2023 (03:00 PM IST)

*Organised by :*

Department of EEE and ECE



**Speaker**

**Er. Kishore kumar Nath**

Product Team Lead ERP,  
Siemens Gamesa Renewable Energy GmbH  
Germany, Frankfurt

## Coordinators :

**Dr Prangya Parimita Pradhan**

Assist. Professor,  
Mob No.: 8763834475  
Dept of EEE, SoET

**Mrs. N. Jeevaratnam**

Assist. Professor,  
Mob No.: 8847882452  
Dept of ECE, SoET

## Google meet link:

click this link: <https://meet.google.com/jqk-pawf-xak>

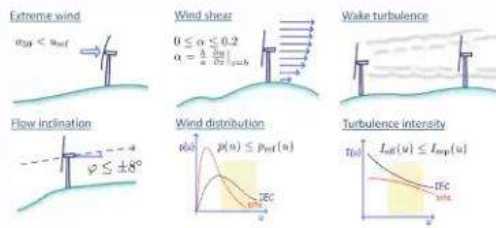
## Screenshots of the Event

The screenshot shows a Google Meet interface. At the top, a banner reads "Kishore Nath (Presenting)". The main content area displays a presentation slide titled "Wind Resource". The slide includes an image of the Earth and a diagram of atmospheric circulation. The diagram shows a cross-section of the Earth with arrows indicating air flow: "Surface flow" from the equator towards the poles, "Convection cell" showing air rising at the equator and sinking at the poles, and "Wind" blowing from the equator towards the poles. The diagram is labeled with "Hot" at the equator and "Cold" at the poles. Below the diagram, there is a list of bullet points:

- The wind is due to the uneven solar radiation on the Earth surface, causing an air flow from the equator to the cold poles.
- Even only around 1-2% of solar radiation is converted into wind, the **wind power around Earth is huge**! ( $1.4 \times 10^7$  GW)
- Wind power is an **endless resource, but intermittent**.

At the bottom of the slide, a small text reads: "Source: The Atmosphere, 4th edition, Jeffery and Karbus, 4th edition, 2008". On the right side of the Meet interface, there is a vertical list of participants: "Kishore Nath" (with a video thumbnail), "KANHAIYA KUMAR" (with a video thumbnail), and "60 others" (represented by a circle with 'M' and 'S'). At the bottom right, a banner says "Multiple people want to join this call" with a video thumbnail and a "+2" icon.

# International Electrotechnical Commission (IEC) Classification



Parameter	IEC Class I	IEC Class II	IEC Class III
Extreme wind speed ( $v_{ref}$ )	10 m/s	12 m/s	15 m/s
Wind shear ( $\alpha$ )	0.18	0.16	0.14
Flow inclination ( $\varphi$ )	$\pm 8^\circ$	$\pm 8^\circ$	$\pm 8^\circ$
Wind distribution ( $P(u)$ )	IEC Class I	IEC Class II	IEC Class III
Turbulence intensity ( $I_{ref}(u)$ )	0.14	0.12	0.10

Wind energy industry-standard software - WAsP



Kishore Nath



Rawshab



89 others



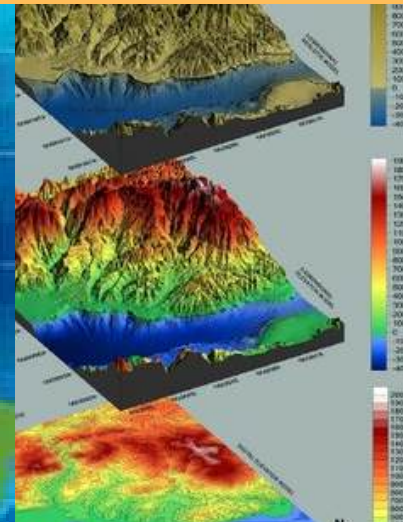
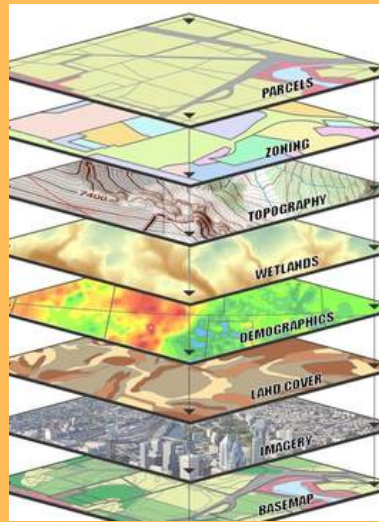
Prangya Parimita Pradhan



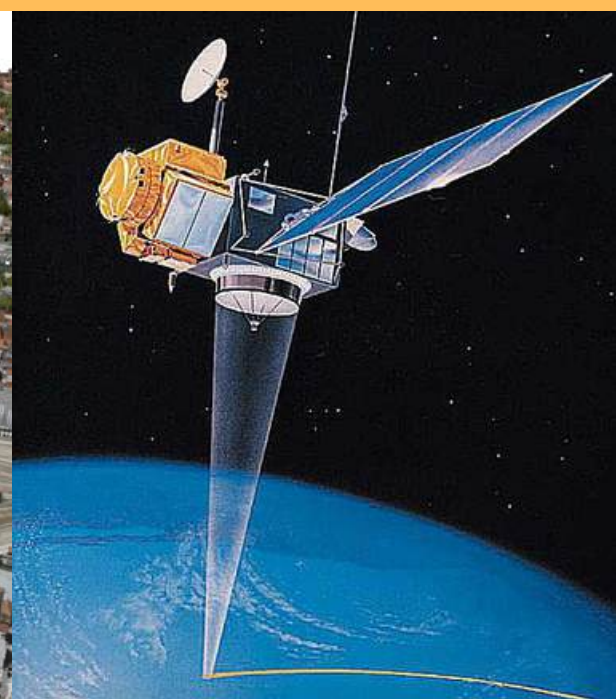
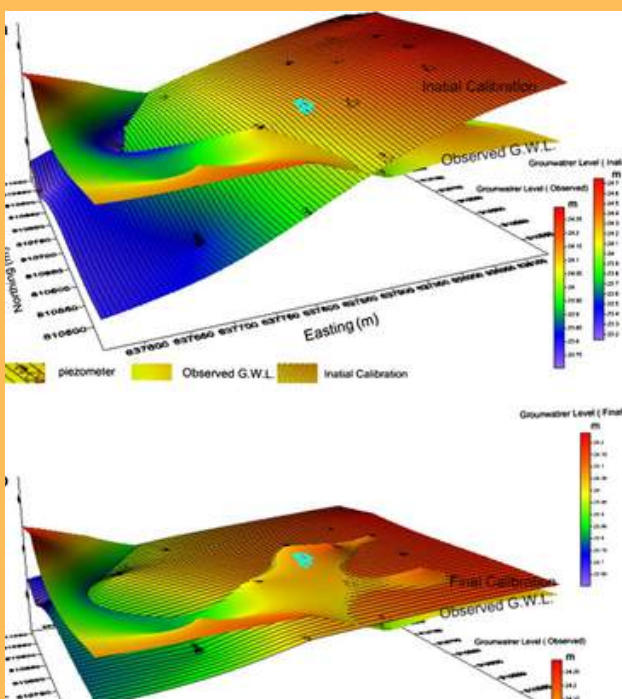


# Souvenir

## GISday 2023



### Recent Advancement in Geospatial Technology and its Application



Organized by

Department of Civil Engineering

Centre for Data Science & Machine Learning

*In Association with*

SoET, SoABE and MSSSoA

Centurion University of Technology and Management, Paralakhemundi, Odisha, India

Supported by





**3rd International GIS Day**

**Hybrid Paper/Poster Presentation**

**Recent Advancement in Geospatial Technology and its Application**

**15th November 2023**



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

**Editors**

**Dr. Rajib Kumar Majhi**

**Dr. Prafulla Kumar Panda**

**Dr. Bibhuti Bhusan Sahoo**

**Organized by**

**Department of Civil Engineering**

**Centre for Data Science & Machine Learning**

**In Association with**

**SoET, SoABE and MSSSoA**

**Centurion University of Technology and Management, Odisha, India**

**Supported by**



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

**CUTM, Odisha**



**GTIDS Pvt. Ltd.**



**esri India**  
THE SCIENCE OF WHERE™

**Esri India, Pvt. Ltd.**



Third International Hybrid Poster/Paper Presentation on GIS Day 2023, being organized by Department of Civil Engineering and Centre for Data Science & Machine Learning of Centurion University of Technology & Management, Odisha, supported by Esri, Pvt. Ltd. and GTIDS Pvt. Ltd., is an annual get together of Scientists, Researchers, Academicians, Practicing Engineers and Students all over the world mainly focusing on state-of-the-art technologies and applied research in the field of Geographical Information System (GIS), Remote Sensing and its beyond.

Centurion University of Technology & Management is the first multi sector private university in Odisha, established in 2010 has the core objective to 'Shape Lives and Empower Communities', creating wealth and livelihood opportunities for the underprivileged. Besides, Esri, the global market leader in GIS software was founded in 1969 in USA. Esri software is deployed in more than 350,000 organizations globally and in over 200,000 institutions in all over the world.

Further, Gram Tarang Inclusive Development Services Pvt. Ltd (GTIDS) is a certified company specializing in Agri-Fintech and Drone Solutions. With a presence in the financial inclusion sector since April 2011, GTIDS ventured into the realm of Drone Solutions just last year.

It is our proud privilege to welcome you all to this renowned International Event. Throughout the globe, more than 280 abstracts of the papers have been received and after thorough scrutinize, about 97 abstracts have been finally accepted for presentation.

The GIS Day Paper/Poster Presentation proceeding contains peer-reviewed technical abstracts covering a wide spectrum of research studies, experimental outputs, case studies related to Applications of GIS, Applications of Remote Sensing, Applications of AI & ML and other for sustainable development. We are indeed happy to bring the Souvenir containing abstracts of the Keynotes and Invited talks along with the quality technical papers selected for the presentation on this occasion. We take this opportunity to express our sincere thanks and gratitude to all members of the Advisory Committee as well as the Organizing Committee along with student volunteers, authors, and reviewers.

We appreciate the untiring efforts of GIS Day organizers, generous support from Centurion University of Technology and Management, Odisha, Esri India Pvt. Ptd. and GTIDS Pvt. Ltd., continuous guidance, and encouragement from all academic and research institutions. We strongly hope that the deliberations and discussions at the GIS Day International Poster presentation will promote useful and fruitful interactions among participants and thus help professionals working in the field of GIS, Remote Sensing applications and its beyond.

Looking forward to fruitful deliberations in the GIS Day 2023 Poster Presentation in hybrid mode.

  
-Editors

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Prof. (Dr.) Muktikanta Mishra**  
President, CUTM



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

GIS is a powerful tool that can provide a picture of the communities or area's assets and weaknesses. GIS maps can be more user-friendly than other forms of data presentation, helping community-based organizations (CBOs) understand community data and facilitating a better understanding of the community. The result should be programs that can better address community needs. Our university had participated last year in GIS Day competition and were declared winners of this mega event, bringing so much of exposure to our students and faculties in an international GIS platform.

I express my best wishes to the Department of Civil Engineering and Centre for Data Science and Machine Learning for conducting this hybrid poster/paper presentation in association with, ESRI, Pvt. Ltd for the third time.

This GIS day celebration event is being hosted by many highly reputed educational institutes globally and my wishes with our university team in making it a grand victory again.

*Prof. Muktikanta Mishra*

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



**Prof. D. N. Rao**  
Vice-President, CUTM



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

It is my pleasure to know that Department of Civil Engineering and Centre for Data Science and Machine Learning in association with, ESRI, Pvt. Ltd is celebrating the “International GIS Day 2023” at Centurion University of Technology & Management, Paralakhemundi, Odisha, India on 15th November 2023 for the third time in hybrid mode.

On this GIS Day, let’s join together to build a GIS-centric culture in our society for improving the living standards of local communities. Over the past years, the department has grown exponentially and provided quality and holistic education to students from diverse backgrounds. I am confident that with its commitment to excellence, the department will achieve newer heights in future.

I wish the organizers of GIS Day 2023 my best wishes and wish them all success in their future endeavours.

*Prof. D. N. Rao*

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Prof. (Dr.) Supriya Pattanayak**  
Vice-Chancellor, CUTM



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

It gives me great pleasure in sending this message to the Souvenir that is being published on the occasion of “International GIS Day 2023” at Centurion University of Technology & Management, Paralakhemundi, Odisha, India on 15th November 2023 for the third time in a hybrid mode.

I express my sincere thanks to the Department of Civil Engineering and Centre for Data Science & Machine Learning for conducting this event in association with, Esri, Pvt. Ltd. I am happy to know that the organizers of this event have arranged special eminent guest lecture sessions and poster presenters not only from India but also from abroad which will motivate our students /faculty members/ industry persons/ research scholars of Engineering/Science organizations attending this occasion.

I wish and pray that the department fraternity may join hands to take the University to newer heights of outstanding excellence.

***Prof. Supriya Pattanayak***

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Dr. Anita Patra**  
Registrar, CUTM



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

Dear Students and Faculty members

Congratulations to the Faculty and students of Civil Engineering Department and School of Engineering and Technology and Centre for Data Science and Machine Learning for organising this GIS Day event. It's been three consecutive years of this event. GIS has now been significantly making impact on research and practice of various disciplines like Civil Engineering, Environmental Engineering, Mining Engineering Computer Science and Engineering, Information Technology, Environmental Science, Agricultural Engineering , Animal science, Geology, Geography as well as in our day to day lives. I am sure that our students and faculty will participate actively and contribute significantly in this GIS day and like previous years will win many awards and appreciations on the international forum.

All the Best!

***Prof. Anita Patra***

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Dr. Prafulla Kumar Panda**

Convener, GIS Day 2023  
Head, Civil Engineering



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

Centurion University of  
Technology & Management,  
Odisha, India

## **Message**

I am extremely happy that our Department of Civil Engineering and Centre for Data Science & Machine Learning is organizing 3rd International GIS Day on Nov 15th, 2023, supported by Esri, Pvt. Ltd and GTIDS Pvt. Ltd. in association with School of Engineering and Technology, School of Agriculture and Bioengineering, M.S. Swaminathan School of Agriculture. The focus is to exchange the knowledge on various aspects of current advancements in GIS around the Globe and in the Indian context. This significance of this day is very much acceptable as Geospatial Information System engineers design, build, update, upgrade, maintain, and modify GIS applications or more specialized geographically oriented utility programs. GISs are becoming routine analysis and display tools for spatial data, used extensively in applications such as land-use mapping, transportation mapping and analysis, infrastructure mapping, and multiple applications in natural resource assessment.

I would like to thank our valuable authors for contributing their quality research and my sincere thanks to the following International and National experts for agreeing to deliver expert talks.

I wish all endeavor and success to organizers of this grand event.

Happy GIS Day!!

*GIS connecting everywhere...*

*Prafulla Kumar Panda*

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



**Dr. Bibhuti Bhusan Sahoo**  
Co-Convener, GIS Day 2023



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

I am thrilled to convey my heartfelt greetings to each of you on the momentous celebration of International GIS Day 2023, on 15th of November. The power of GIS transcends boundaries, empowering us to make informed decisions, promote sustainable development, and create a more interconnected and resilient planet. Through collaborative efforts across various domains of engineering, we have harnessed the potential of GIS to advance research, innovation, and problem-solving. As we look to the future, let's continue to explore the endless possibilities of GIS, striving to create a more sustainable and interconnected world. Together, we can harness the power of spatial data to address global challenges, promote inclusivity, and shape a brighter future for all.

***Bibhuti Bhusan Sahoo***

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Dr. Ashish Ranjan Dash**  
Dean, SoET, CUTM



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

Dear Faculty, Students, and Enthusiasts,

I am delighted to extend my warmest greetings to all of you on this remarkable occasion of International GIS Day 2023 being celebrated for the third time on 15th November 2023. Today, we come together to celebrate the incredible advancements and transformative power of Geographic Information Systems (GIS) in our School of Engineering and beyond. In the School of Engineering & Technology, we have continually strived to harness the potential of GIS to foster innovation, interdisciplinary collaboration, and education. Let us use this occasion to engage in discussions, share our latest projects, and inspire one another with new ideas and possibilities.

I would like to congratulate the Department of Civil Engineering and Centre for Data Science and Machine Learning for celebrating GIS Day for the second consecutive time in our campus (Hybrid mode). I must compliment and congratulate the Head Civil Engineering Department Dr. Prafulla Kumar Panda, Convenor of the program and Dr. Bibhuti Bhusan Sahoo (Co-convenor) and the entire team for their untiring and dedicated efforts for conceptualizing and initiating such celebration towards awareness generation and capacity building for the future generation. I am happy to know that special lectures and poster presentations by not only from India but also from abroad lots of students /faculty members/ industry persons/research scholars of Engineering/Science organizations have been planned on this occasion.

Happy GIS Day 2023! Let us celebrate, innovate, and inspire.

*Ashish Ranjan Dash*

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Dr. Sujata Chakravarty**  
CEO, Data Science & Machine Learning



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

GIS plays a pivotal role in our modern world, transcending boundaries and transforming the way we understand and interact with our environment. Its importance cannot be overstated, as it enables us to make informed decisions in urban planning, resource management, disaster response, environmental conservation, and many other critical areas. GIS empowers us to address complex challenges, mitigate risks, and create more sustainable and resilient communities. By harnessing the power of geographic information systems, we can navigate a dynamic and interconnected world with precision, innovation, and a profound commitment to improving the quality of life for all.

I am very happy that Department of Civil and Data Science & Machine Learning Research Centre of Centurion University of Technology and Management, Odisha in collaboration with Environmental Systems Research Institute (ESRI), Pvt, Ltd is organizing a Poster Prestation Seminar to Celebrate GIS Day of 2023.

I wish all the best to all the participants across the Globe for their career and academic pursuits.

***Sujata Chakravarty***

---

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Dr. Kamal Kumar Barik**  
HOD, Civil Engineering (BBSR Campus)



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

Today, the scientific innovations and technologies have become the hallmarks of modern society and it is capable of providing technology as the fulcrum of all the development initiatives. In spatial domain, geospatial technologies comprising of Earth Observation, Global Positioning System (GPS), Geographic Information system (GIS) and field based databases helps in analysing and disseminating geographic information's to the grass root level. With its unique ability for integration and analysis of geographically referenced spatial information, this technology has been recognized as an effective tool for planning, management and decision making process.

As a part of Geography Awareness Week, International GIS day is formally celebrated every year across the globe since 1999. GIS Day is a good initiative for people to learn about the uses of GIS, ranging to simple day to day tasks, to complex decision-making scenarios in almost every sector. We the Faculties of Centurion University of Technology and Management (CUTM) are celebrating the International GIS Day on 15th November 2023 with collaboration with ESRI. The celebration will commence with an introductory note, Theme based poster presentation followed by interaction of students from various institutes.

Happy GIS Day 2023.

**(Dr. Kamal Kumar Barik)**

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## **Dr. P S R Srinivasa Sastry**

Former and Founder Director, DSP, DRDO



### **Message**

The unprecedented growth in the world's population has led to intense competition for Earth's resources. This has resulted in irreversible damage through the excessive depletion of non-renewable and partially renewable natural resources, ecosystems, and an increase in natural disasters, such as seismic activity, landslides, floods, and tsunami risks. Human-induced global warming is believed to have accelerated sea-level rise, putting valuable coastal areas at risk of submersion. In response to these challenges, scientists and technologists have been exploring innovative scientific methods and technologies, with Geographic Information Systems (GIS) emerging as a rapidly evolving tool. However, the full potential and benefits of GIS are yet to be fully realized.

Given the prevailing circumstances, I want to commend the commendable initiatives led by Dr. Prafulla Kumar Panda, who serves as the Head of the Civil Engineering Department at Centurion University of Technology and Management. I am optimistic that his dedicated efforts will yield a meaningful and positive influence across multiple sectors of society.

Warm wishes for a Happy GIS Day!

*Dr. P S R Srinivasa Sastry*

---

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



भाकृअनुप – भारतीय मृदा एवं जल संरक्षण संस्थान

ICAR - Indian Institute of Soil and Water Conservation

Research Centre, Post Box No.12, Sunabeda-763 002, Koraput (District), Odisha, India.

**Ramajayam Devarajan, Ph.D., A.R.S.**

Head & Principal Scientist (Horticulture)



## Message

Glad to note that the department of civil engineering in collaboration with ESRI is organizing 3rd time “International GIS Day” on 15th November 2023. It is very appropriate that the department as well as Data science machine learning research center have decided to organize the event as GIS now a days has become a tool of analysis globally in all fields of engineering, science, medicine and social activities. Water Resources is one such field of specialization of engineering, the problems associated with which can amicably resolved using the GIS platform.

I am confident the event would be successful and be useful for the student community of Centurion University who are doing commendable studies on the application of GIS for problems related to water resources management. I extremely appreciated the initiatives undertaken by Dr. Prafulla Kumar Panda, Head of the Civil Engineering Department and his GIS Team at Centurion University of Technology and Management. I hope that his efforts will have a meaningful and positive impact across various segments of Society.

Happy GIS Day!

(RAMAJAYAM DEVARAJAN)

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Dr. Girish Ch Kothyari**  
Senior Associate Professor

*Department of Petroleum Engineering and  
Earth Science, University of Petroleum &  
Energy studies, Dehradun, India*



## **Message**

I am pleased to note that Centurion University of Technology & Management, Odisha, is organizing the Paper/Poster presentation on the theme “Recent Advancement in Geospatial Technology and its Application” on the occasion of International GIS Day on 15th November 2023 at Paralakhemundi Campus.

It is my pleasure to observe that within a short span, the University has organized this wonderful technical event in a very large scale. I hope this event will impact the many young minds, academicians, researchers across the globe.

I also appreciate the efforts put by the Convener, Dr. Prafulla Kumar Panda and the entire organizing committee for taking up the challenge.

I am sure after seeing the promising work, the university will recognize nationally and internationally for its outreaching events for students and researchers.



***Girish Kothari***

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## Message

Geospatial Technology: A paradigm shift from Possibilism to Determinism....

Geospatial Technology has evolved as a Science with exponential growth and advancement of Information Technology, Mapping, Surveying, and Precise Measurement. Earlier days Geospatial Technology used to be confined to address countable possible solutions like Mapping at course resolution, Survey in general, etc. But in the 21st Century, has opened up new dimensions for the Geospatial Technology to determine our day-to-day activities. Be it Service Delivery, Supply Chain Management, Location Based Services, Precise Mapping, ..... lists are many, the Geospatial Technology has become a part of our daily life knowingly or unknowingly and has made our live smoother.

Let's pledge on this 3rd International GIS Day that Geospatial Technology should play a vital role in our Lifeline and address the Grassroots level problem so that no one is left unaddressed. In light of these circumstances, I appreciate the initiatives undertaken by Dr. Prafulla Kumar Panda, Head of the Civil Engineering Department at Centurion University of Technology and Management. I hope that his efforts will have a meaningful and positive impact across various segments of society. Happy GIS Day!



*(Dr. Surya Deb Chakraborty)*



**Prof. (Dr.) C. R. Rao**  
Adjunct Professor, CUTM



Centurion University of  
Technology & Management,  
Odisha, India



## **Message**

On the occasion of 3rd International GIS Day on 15th November 2023, I convey my hearty greetings to the organizing team and participants for celebrating the day and for their dedicated work in extending the applications of this knowledge to several practical uses. I sincerely hope that CUTM will achieve recognition for its untiring work from national and international agencies in the near future.

Happy GIS Day!!!

*Prof. C. R. Rao*

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Prof. (Dr.) M. L. Narasimham**  
Academic Advisor, JNTU



Academic Advisor  
University College of Engineering,  
Kakinada



## **Message**

Glad to note that the department of Civil Engineering in collaboration with Esri is organizing “3rd International GIS Day Celebration” on 15th November 2023. It is very appropriate that the department has decided to organize the event on the theme “Recent Advancement in Geospatial Technology and its Application”. In contemporary times, geospatial technology has emerged as a universally applied analytical tool across various disciplines including engineering, science, medicine, and social activities. Within the domain of engineering, particularly in Water Resources, the integration of GIS serves as a pivotal platform for addressing associated challenges effectively.

I hold a strong belief that the upcoming event will not only be successful but will also significantly benefit the global GIS community, particularly those who are actively engaged in leveraging GIS for addressing water resource management issues. It brings me great satisfaction to confirm my physical presence at this event, allowing me the opportunity to engage directly with fellow delegates. I aim to contribute insights regarding Multi-Criteria Decision-Making Models in Water Resources, an area of current and crucial research within the realm of Water Resources Management.

Happy GIS Day!!!

*Prof. M. L. Narasimham*

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

**Dr. Joseph J. Kerski**

Geographer – Education Manager, Esri



Esri

International Court

Broomfield CO 80021-3200 USA



## **Message**

I would like to thank Centurion University of Technology and Management, Odisha, and Dr. Prafulla Panda and his team for inviting me to share my hands on experience over the advancement in GIS and its multiple applications in today's Global Scenario. The core objective of Centurion University of Technology & Management (CUTM) is to 'Shape Lives and Empower Communities', creating wealth and livelihood opportunities for the underprivileged. The uniqueness of CUTM is its integration of higher education with skill development in different economic sectors.

This Team of GIS Day from CUTM were declared as the Winners for organizing this Mega Event in 2021, which included a Poster Presentation followed by some highly renowned Expert talks including mine.

I wish them the same this year to make GIS Day 2023 a grand success again.

*Dr. Joseph J. Kerski*

---

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



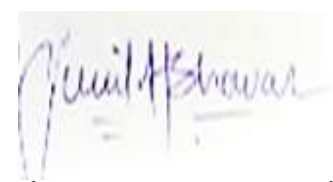
## **Message**

GIS stands as a transformative and ground-breaking technology, delivering critical location intelligence and situational awareness. Serving as a fundamental tool for analysis and decision-making, GIS finds application in a multitude of sciences and across virtually every industry. Its impact has been instrumental in propelling India's growth trajectory, and it remains poised to shape the nation's future. Key domains such as infrastructure development, water resources management, smart city initiatives, forest conservation, mining, maritime operations, electric and gas utilities, space exploration, telecommunications, and many others have harnessed the potential of GIS to advance and innovate.

I extended gratitude to Centurion University of Technology and Management, Odisha, for their commendable efforts in celebrating the invaluable GIS technology on GIS Day for the third time. Believe that such initiatives play a pivotal role in raising awareness and nurturing students' curiosity in this technology, which holds immense promise for their future careers and contributes to comprehensive growth.

My sincere appreciation to Dr. Prafulla Kumar Panda, Head of Civil Engineering and Convener of GIS Day, for his unwavering leadership in organizing this international event for the third consecutive year.

Warm wishes for a Happy GIS DAY 2023.



**(Sunil A. Bhavar)**





## **Message**

Centurion University of Technology & Management is a leading institution in Odisha to offer master's program in Geoinformatics. Esri India is honoured to partner with CUTM for GIS Day which is being celebrated on 15th November 2023. The themes selected for the poster competition are very inspiring. Dept. of Civil Engineering and Centre for Data Science & Machine Learning have together taken this initiative to organize GIS Day 2023 at such a large scale. GIS Day is celebrated every year for professionals to share their work and learn from each other. Adoption of GIS in India has gone up very significantly in last couple of years. GIS is supporting many new applications and is also leveraging data science and AI/ML for getting a better understanding of the world around us. It is important for students to learn GIS techniques as it offers tremendous employment opportunities as GIS professionals as well as users of GIS applications.

My compliments to CUTM – Dept. of Civil Engg. and Centre for Data Science, and all the delegates and participants on this occasion.

Happy GIS Day!!!

*Agendra Kumar*



## **Message**

In response to the pressing call for action, we have witnessed the emergence of innovative scientific methods and state-of-the-art technologies. Among these, Geographic Information Systems (GIS) shine as a rapidly advancing tool, offering a glimmer of hope in addressing these intricate challenges. However, the full potential and advantages of GIS remain largely untapped, awaiting our exploration. We extend our gratitude to the Department of Civil Engineering and the Centre for Data Science and Machine Learning for organizing the 3rd time International GIS Day at Centurion University of Technology and Management, Odisha. On this GIS Day, it's only fitting to appreciate the extraordinary initiatives undertaken by Dr. Prafulla Kumar Panda, the Head of the Civil Engineering Department and his GIS team of Centurion University of Technology and Management. Dr. Panda's unwavering commitment to harnessing the potential of GIS is poised to yield substantial and positive transformations across diverse sectors of society. His dedication is a beacon of hope in our journey toward a more sustainable and informed future. Let us rally behind the visionaries and innovators who strive to make our world a better place through the transformative capabilities of GIS. Together, we can chart a course toward a more sustainable, resilient, and harmonious future. Happy GIS Day!

*Venkat Sivananda Kumar*

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

# Organizing Committee

## Patrons:

**Prof. D. N. Rao, Vice-President, CUTM**

**Dr. Supriya Pattanayak, Vice-chancellor, CUTM**

**Dr. Anita Patra, Registrar, CUTM**

## Advisory Committee:

**Dr. Ashish Ranjan Dash, Dean SoET Dr. S. P. Nanda, Dean Admin**

**Dr. Sujata Chakravarty, CEO (DS &ML) Dr. M. L. Narasimham (Adjunct Professor)**

**Dr. C. R. Rao (Adjunct Professor) Dr. S. M. Ramasamy (Professor of Eminence)**

**Dr. I.V. Muralikrishna (Adjunct Professor) Dr. C. J. Kumanan (Ret. Professor, BDU)**

**Dr. D. P. Kanungo (Chief scientist and Professor, CBRI)**

## Convener

**Dr. Prafulla Kumar Panda, Associate Professor, Dept. of Civil Engineering**

## Co- Convener

**Dr. Bibhuti Bhusan Sahoo, Assistant Professor, Dept. of Agricultural Engineering**

## Executive Committee:

**Dr. Rajib Kumar Majhi**

**Prof. Dwity Sundar Rout**

**Prof. S. N. Padhy**

**Prof. Bikram Narayan**

**Ms. Upasana Sahoo**

**Dr. Dhawaleswar Rao**

**Dr. . Madan Mohan Rout**

**Dr. Sujit Mishra**

**Prof. Sushant Nayak**

**Prof. K. C Sethi**

**Mr. Laxmidhar Behera**

**Mr. Jagannath Padhi**

**Mrs. Lipsarani Pagoda**

**Dr. Rahul Adhikari**

**Ms. Aryalopa Malla**

**Ms. Madhusmita Moharana**

**Prof. Prabhat Pattnaik**

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

*Souvenir, International GIS Day 2023*



## CONTENTS

Sl. No.	Abstract ID	Title	Page
<b>Keynote Abstracts</b>			
		<b>Tectono-Geomorphic Records of Neotectonic Activity along the Kachchh Mainland Fault in a Seismically Active Intraplate Setting, Kachchh Paleo-Rift Basin, Western India</b> <i>Girish Ch Kothiyari et al.</i>	01
		<b>Expanding Horizons: The Pervasive Impact and Future Potential of GIS Applications in Everyday Life</b> <i>Dr. P S R Srinivasa Sastry</i>	02
		<b>Advancements in GIS: Shaping Our World for the Future</b> <i>Surya Deb Chakraborty</i>	03
		<b>GIS and Resilience for Sustainable Development: Shaping a Brighter Future</b> <i>Mallesha Ballina</i>	04
<b>Theme: GIS Applications</b>			
1	G23_04	<b>Remote Sensing and GIS Application in Agriculture and Natural Resource Management</b> <i>Debi Prasanna Behera</i>	05
2	G23_07	<b>Analysis Irrigation Water Quality for Agriculture Through EWQI Technique</b> <i>Asit Kumar Dandapat and Prafulla Kumar Panda</i>	06
3	G23_08	<b>GIS Implementation in Environmental Engineering</b> <i>Pratyush Kumar Behera</i>	07
4	G23_10	<b>Study of Downscaling Techniques and Standings of Bias Corrected Global Climate Models for Brahmani Basin, Odisha, India</b> <i>M. Uma Maheswar Rao</i>	08
5	G23_11	<b>GIS-based Approaches for The Identification of Groundwater Recharge Zones and Water Harvesting Suitability Levels in Spring Catchments in the Indian Himalayan Region (IHR)</b> <i>Syed Rouhullah Ali, Kireet Kumar</i>	09
6	G23_15	<b>Identification of Forest Fire Zone in Junnar Forest Division, Pune District of Maharashtra</b> <i>Shivaji Budha Sabale, Doke A. B</i>	10
7	G23_17	<b>Analysis of Suitable Urban Development Areas Using Analytical Network Process – A Case Study of Pudukkottai Town</b> <i>B Linda Theres et al.</i>	11

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*





**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

## Souvenir, International GIS Day 2023



8	G23_18	<b>Analysing the Spatiotemporal Variability of Surface Water Temperature and Water Quality Parameters in Lake Tana, Ethiopia</b> <i>Getachew Bayable Tiruneh et al.</i>	12
9	G23_20	<b>Geospatial Information in Agriculture</b> <i>Anish Takwale, Pratham Avinash Nandgaonkar</i>	13
10	G23_24	<b>GIS Based Decision Support System for Agricultural Policy</b> <i>Sidam Sai Deepesh, Divine Boon, G. Venkatesh</i>	14
11	G23_25	<b>Soil Quality Assessment through GIS and Remote Sensing</b> <i>T. Esha Rani</i>	15
12	G23_27	<b>Agricultural Land Suitability Analysis using GIS</b> <i>Rithick Mondal, Bhubaneswari Patel, Subbbarayudu Gundra</i>	16
13	G23_29	<b>Air Quality Mapping and Monitoring using Geospatial Technology -A Case study of Delhi</b> <i>Ankit Kumar and Prafulla Kumar Panda</i>	17
14	G23_30	<b>Analysis of Hydrological Alteration in Main River, Germany</b> <i>Lipsita Choudhury, Debanand Mahapatro, Bibhuti Bhusan Sahoo</i>	18
15	G23_34	<b>Average Annual Rainfall Mapping of Supaul District, Bihar</b> <i>Ful Kumar Singh, Prafulla Kumar Panda and Madan Mohan Rout</i>	19
16	G23_35	<b>Climate Change Impact on Agriculture: GIS based Assessment</b> <i>B. Karthikeyan et al.</i>	20
17	G23_36	<b>Computation of the Applications of Geoinformatics in Agricultural Sciences</b> <i>Saikat Mukherjee</i>	21
18	G23_41	<b>Drainage Network Analysis Using Geospatial Technology</b> <i>Kaushal Kumar and Madan Mohan Rout</i>	22
19	G23_44	<b>Environmental Flow Assessment of Mahanadi River Basin, India</b> <i>Debanand Mahapatro</i>	23
20	G23_45	<b>Flood Risk Assessment Mapping of Supaul District, Bihar</b> <i>Rahul Kumar, Sahukar Chinnari and Prafulla Kumar Panda</i>	24
21	G23_47	<b>Geospatial Tools for Urban Agriculture Planning</b> <i>Abinash Das, Aditya prasad Das, Ipsita Nayak</i>	25
22	G23_48	<b>Geospatial Technology for Health Care Information System</b> <i>Aditya Kumar, Prafulla Kumar Panda and Madan Mohan Rout</i>	26
23	G23_50	<b>GIS Application in Soil Erosion</b> <i>Vemu Sudham</i>	27

Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning



**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

## Souvenir, International GIS Day 2023



24	G23_51	<b>GIS Application in Water Resources Management</b> <i>Samridh Nayak</i>	28
25	G23_52	<b>GIS for Agriculture, Ecosystem and Hydrology</b> <i>Swaroop Sualsingh</i>	29
26	G23_54	<b>Ground Water Potential Zone Mapping using Geospatial Technology</b> <i>Rahul Kumar, Prafulla Kumar Panda, Madan Mohan Rout</i>	30
27	G23_55	<b>Growing Fresh Fruits and Vegetables in an Urban Landscape: A Geospatial Assessment of Ground Level &amp; Rooftop Urban Agriculture Potential in Boston</b> <i>Pradip Dey</i>	31
28	G23_58	<b>Irrigation Management &amp; Water Resource Optimisation with GIS</b> <i>Munnangi Sowmya et al.</i>	32
29	G23_62	<b>Natural Forest Loss Mapping using Innovative Trend Analysis of KBK District</b> <i>Gupta Kumar Bhuiyan</i>	33
30	G23_63	<b>Noise Monitoring and Mapping of Seven Major Cities of India</b> <i>Neha Singh, Prafulla Kumar Panda and Madan Mohan Rout</i>	34
31	G23_68	<b>Precision Livestock Farming with Geospatial Technologies</b> <i>Rinkesh Kumar Mohapatra, Jaggavarapu Megha Nandu</i>	35
32	G23_69	<b>Rain Water Harvesting through GIS</b> <i>Rajit Roy</i>	36
33	G23_73	<b>Landuse Landcover Change Detection Analysis of East Godavari District of Andra Pradesh</b> <i>Vibhesh Kumar Prasad, Prafulla Kumar Panda and Madan Mohan Rout</i>	37
34	G23_74	<b>Soil Quality Assessment through GIS and Remote Sensing</b> <i>G. Vishwatma, N. Jahnvi, B. Roshitha, Uday Tharun, K. Baby Sarojini</i>	38
35	G23_75	<b>Sustainable agriculture practices and monitoring with GIS</b> <i>Himanshu Bhanja et al.</i>	39
36	G23_76	<b>Urban Expansion of Maldah Town Using Geospatial Approach</b> <i>Abhinav Anand, Prafulla Kumar Panda and Madan Mohan Rout</i>	40
37	G23_77	<b>Urban Heat Island Mapping of Saran District, Bihar</b> <i>Arun Kumar, Prafulla Kumar Panda and Madan Mohan Rout</i>	41
38	G23_78	<b>Urban Sprawl Analysis Using Geospatial Approach-A Case Study of Paralakhemundi Municipality, Odisha, India</b> <i>Vikrant Kumar, Priyanshu Kumar</i>	42
39	G23_79	<b>Water quality index mapping using Geospatial approach -A case study for Paralakhemundi municipality, Gajapati, Odisha</b> <i>M. Girija, Ragini Narayan, BYRI Laxman Rao</i>	43

Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning





**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

## Souvenir, International GIS Day 2023



40	G23_83	<b>Human Health Risk Assessment of Nitrate in Groundwater of Faridabad and Gurgaon Districts of National Capital Region, India</b> <i>S. Rabi Kumar Rao et al.</i>	44
41	G23_84	<b>Statistical Analysis and Water Quality Index Development using GIS of Mathura City, Uttar Pradesh, India</b> <i>Sritishree Jena, Kalyani Mahanta, Bishnu Prasad Patra</i>	45
<b>Theme: Remote sensing Application</b>			
1	G23_05	<b>Satellite Image Classification with Vegetation Indices based Feature set using DEEP Hybrid Model</b> <i>Bhaktishree Nayak, Prafulla Kumar Panda</i>	47
2	G23_06	<b>Spatio-temporal meteorological drought mapping over 13 districts of Maharashtra</b> <i>Kundan Kumar, Prafulla Kumar Panda</i>	48
3	G23_09	<b>Planning catchment area treatment for reservoir by using remote sensing and GIS</b> <i>Sakshi Sangle, Divya Barku Chavan</i>	49
4	G23_13	<b>Assessment of Flash Flood Vulnerabilities in Teesta River Basin using Remote Sensing and GIS</b> <i>Rosali Dalai, Chitaranjan Dalai, Prativa Nada</i>	50
5	G23_16	<b>Flood frequency and duration based integrated model for flood risk assessment: A case study along the Pondicherry- Sirkazhi transect, East coast of Tamil Nadu, India</b> <i>Sakthi Kiran. D. R, Linda Theres B</i>	51
6	G23_21	<b>Drone Camera-Based GIS Imagery Towards Plant Monitoring in Sweetcorn-Green Gram Cropping System in Alfisols of Odisha</b> <i>Manisha Rout, Debasish Rout, Pritam Ghosh, S.N. Jena</i>	52
7	G23_23	<b>Assessing Iron Ore Deposits in Keonjhar District Odisha, India: Utilizing EO-1 Remote Sensing Techniques for Accurate Detection and Monitoring</b> <i>Smruti Rekha Sahoo and Deepika Patra</i>	53
8	G23_28	<b>Agroforestry Planning &amp; Monitoring with Remote Sensing</b> <i>Kali Prasad Sahu, Killo.sharmini, Kirti Ranjan Pradhan</i>	54
9	G23_37	<b>Crop Health Monitoring with Satellite Imagery</b> <i>M. S. Pooja et al.</i>	55
10	G23_42	<b>Drought Assessment by using Geographic Information Systems and Remote Sensing</b> <i>M. Bapiraju, Varada, Siva Keerthi, Mahesh Kunuku</i>	56
11	G23_43	<b>Drought Prediction and Management using Geospatial Technology</b> <i>Atluri Yashwanth Reddy, Venkata Guna Sai. P, Subhankar Mandal</i>	57

Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning



**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

## Souvenir, International GIS Day 2023



12	G23_59	<b>Land Use and Land Cover Change Detection Study using Space Input and GIS -A Case Study for Gajapati District, Odisha</b> <i>Sahil Sah, Prafulla Kumar Panda, Madan Mohan Rout</i>	58
13	G23_60	<b>Land use/ Land cover Change Detection Analysis Using Remote sensing</b> <i>Sonu Kumar, Omkar Behera, Prafulla Kumar Panda, Madan Mohan Rout</i>	59
14	G23_61	<b>Landslide Hazard Zonation using GIS and Remote sensing on Manipur west Imphal</b> <i>Sudhanshu Kumar, Santosh Kumar, Prafulla K Panda, Madan M Rout</i>	60
15	G23_67	<b>Precession farming using GIS and Remote sensing</b> <i>Sougata Sarkar, Bysani Ganesh</i>	61
16	G23_71	<b>Satellite Based - Crop Insurance and Risk Assessment</b> <i>Devani Yemima, Saptarshi Panda, Ankit Kumar Padhan, Suman Sarkar</i>	62
17	G23_109	<b>Crop Health Monitoring through NDVI Analysis of Sentinel 2 Images using QGIS</b> <i>Tadiboina Gopala Krishna et al.</i>	63
<b>Theme: AI &amp; ML</b>			
1	G23_01	<b>Identification of Crop Type using Machine Learning Algorithms and Sentinel-2 Data with Focus on Field Level Information</b> <i>U. P. Potekar and A. B.Doke</i>	65
2	G23_31	<b>Artificial Intelligence</b> <i>M. Lokesh Yadav et al.</i>	66
3	G23_32	<b>Artificial Intelligence Assisted Automatic Vehicle Inspection System</b> <i>Konga Upendar</i>	67
4	G23_38	<b>Crop Yield Prediction with Machine Learning and Remote Sensing</b> <i>G. Sai Meghana, Kadraka Rajeswari, Bodrothu Deepika, D. Dharma Teja</i>	68
5	G23_39	<b>Deep learning Based Crop Disease Detection using Images for Agricultural Applications</b> <i>Bendi Naveen Kumar</i>	69
6	G23_64	<b>Pest and Disease Detection in Crops using Remote Sensing Data</b> <i>M. Vensuha et al.</i>	70
7	G23_66	<b>Pest Insect Detective of Crop through GIS</b> <i>Debasis Patra</i>	71
8	G23_70	<b>Real Time Deep Learning Based Maize Crop and Weed Detection for Target Spraying</b> <i>Nelakurthi Buchireddy, Karunya Jhansi Behara, Upendar Konga</i>	72

Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning





**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

## Souvenir, International GIS Day 2023



8	G23_70	<b>Real Time Deep Learning Based Maize Crop and Weed Detection for Target Spraying</b> <i>Nelakurthi Buchireddy, Karunya Jhansi Behara, Upendar Konga</i>	72
9	G23_80	<b>Cancer Assistant</b> <i>Biswajeet Behera, Khagendra Samal, Harisankar Patra</i>	73
10	G23_81	<b>Automatic Summary Generation with Text and Image</b> <i>Hrithik Raj, Rish Vinod, Anjali Singh, Gembali Shivani, Malla Mrudhula</i>	74
11	G23_82	<b>Automatic Short Answer Questions Generation using Blooms Taxonomy</b> <i>Somahanty Laya, M. Syamala, Reshmi Polaki</i>	75
13	G23_86	<b>Efficient Farming With GSM: Remote Measurement and Control for Greenhouses</b> <i>Sasmita Sahoo et al.</i>	76
14	G23_87	<b>Smart Agriculture Parameter Remote Monitoring System Using Wireless Network System</b> <i>Swetapadma Das et al.</i>	77
15	G23_88	<b>Smarter Billing: ESP32 CAM&amp; QR Code enabled intelligent shopping carts</b> <i>Debasish Sahu et al.</i>	78
16	G23_89	<b>EDGE ML Based cough detection: A Real- Time Solutionn for Health Monitoring</b> <i>P. Gyana Deepika et al.</i>	79
17	G23_90	<b>Aquarium Automation: IoT-Enabled smart aquarium management system</b> <i>Laxmipriya Jena et al.</i>	80
18	G23_91	<b>WIFI MQTT: Enabling Seamless Communication Across Multiple Devices</b> <i>Amlan Nayak et al.</i>	81
19	G23_92	<b>RFID Revolutionizes parking: Enhancing efficiency through mobile App Connectivity</b> <i>Ipsita Priyadarshini Kuanr et al.</i>	82
20	G23_93	<b>Remote-Controlled Robotic arm: A Web-based pick &amp; place Solution</b> <i>Tarini Prasad Mohanty et al.</i>	83
21	G23_94	<b>Microcontroller Board Multi-Class classification Based on Transfer learning Algorithm using Jetson Nano</b> <i>Abinash Mishra, Swarna Prabha Jena, Sujata Chakraborty</i>	84
22	G23_95	<b>Breast Cancer Detection using IR image</b> <i>Arnnab Chakra et al.</i>	85
23	G23_96	<b>Unveiling skin cancer: A Machine Learning Approach</b> <i>Sai Sreeya Khuntia et al.</i>	86
24	G23_97	<b>Enhancing Kidney Stone Diagnosis with Convolutional Neural Networks in CT Imaging</b> <i>G. Varshit Hari Prasad et al.</i>	87

Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning



**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

## Souvenir, International GIS Day 2023



25	G23_98	<b>Traffic sign Detection using CNN</b> <i>Satyam Shivam et al.</i>	88
26	G23_99	<b>Autism Classification using Machine Learning Models</b> <i>Sai Sreeya Khuntia et al.</i>	89
27	G23_100	<b>Human Activity Reorganisation with Smartphone</b> <i>Nekkanti Tejaswini et al.</i>	90
28	G23_101	<b>Sonar Rock Vs Mine Classification: An Approach for Underwater Detection</b> <i>Sasmita Sahoo et al.</i>	91
29	G23_102	<b>Machine learning –Based recommendation system for movie Genres using KNN</b> <i>Mamali Sahoo et al.</i>	92
30	G23_103	<b>Lungs Cancer Prediction using Machine Learning Algorithms</b> <i>Shan Mohammad et al.</i>	93
31	G23_104	<b>Financial Market Prediction</b> <i>K Sai vasanth, K. et al.</i>	94
32	G23_105	<b>Loan Approval Prediction</b> <i>Bibek Mohanthy et al.</i>	95
33	G23_106	<b>Story Visualization from Natural Language and its Evaluation (Text to Image Generation)</b> <i>Aditya Sharma and Sonu Kumar</i>	96
34	G23_107	<b>Visually Grounded Paraphrase Extraction</b> <i>Tarun Kumar et al.</i>	97
35	G23_108	<b>Text Based and Image-Based Emotion Detection</b> <i>Pranab Kumar Sen</i>	98
<b>Theme: Miscellaneous</b>			
1	G23_12	<b>Physio-biochemical changes caused by Pseudomonas fluorescens in tomato (Lycopersicum esculentum) inoculated with Meloidogyne incognita</b> <i>Basant Kumar Samal et al.</i>	99
2	G23_19	<b>El Nino and its effects</b> <i>Edrin, Tanisha Kamble</i>	100
3	G23_40	<b>Design and printing (Model of Chandrayaan-3)</b> <i>Dharmendra Kumar</i>	101
4	G23_85	<b>Induced Reproductive Performance of Pangasiussutchi (Fowler, 1937) using Cocktail of Synthetic Hormones</b> <i>Deepika and Mangesh M. Bhosale</i>	102

Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning



**Centurion**  
**UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

*Souvenir, International GIS Day 2023*



# KEYNOTE ABSTRACTS

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Tectono-Geomorphic Records of Neotectonic Activity along the Kachchh Mainland Fault in a Seismically Active Intraplate Setting, Kachchh Paleo-Rift Basin, Western India**

Girish Ch Kothiyari et al.

*Department of Petroleum Engineering and Earth Science,  
University of Petroleum & Energy studies, Dehradun, India  
Email ID: kothyarigirish\_k@rediffmail.com*

### **Abstract**

The Kachchh paleo-rift basin of western India is one of the world's most seismically active intraplate regions falling within zone-V of India's seismic zonation map. In this study, morphotectonic landforms have been investigated within a wide deformation zone of the KMF to understand its neotectonic evolutionary history and associated seismic hazards. Morphometric analysis suggests that 47% of the ~2800 km<sup>2</sup> study area is neotectonically active. We analyzed strike parallel and perpendicular steepness (K<sub>sn</sub>) changes using topographic swath profiles and identified seven distinct segments along the KMF. We suggest that the ground response for steepness changes in each segment is diverse and well corroborated with the geomorphic and geodetic data. Tectono-geomorphic investigations reveal that KMF is an oblique-slip fault where transtensional and transpressional movements are observed. Optical chronology of the tectonic landforms suggests that the KMF has experienced some 15 deformation episodes spanning the Late Pleistocene at 25 ka, 23 ka, 19.8 ka, 18 ka, and 17 ka, and Early Holocene at 10 ka, 8 ka and 7 ka. Furthermore, three Middle Holocene earthquake events at ~ 5 ka, 4ka, and 3 ka, and four Late Holocene earthquake events occurred at ~ 2 ka, 1.3 ka and 870 years have been identified. Finally, we present an active fault map of the KMF zone through integration of all available data (geomorphologic, geodetic, and geologic) for seismic hazard assessment across the region.

**Keywords:** Kachchh paleo-rift basin; Neotectonic activity; Morphometric analysis; Oblique-slip fault; Tectono-geomorphic investigations; Seismic hazard assessment



## **Expanding Horizons: The Pervasive Impact and Future Potential of GIS Applications in Everyday Life**

Dr. P S R Srinivasa Sastry

*Former and Founder Director, DSP, DRDO  
sas3psrs@gmail.com*

### **Abstract**

The GIS Applications in day-to-day life of common men, Engineers, Scientists, Students, Researchers and for that matter anybody, are only increasing. In fact, it is difficult to find an area where it cannot be applied. It is important to find an area in our country where GIS technology is not applied and start thinking how to apply to make it more comfortable, usable and make it available to everybody through desktop or mobile phone applications. This will have a double benefit as it makes the technology available to many as well as employment creation as start up or otherwise which is especially important in rapidly developing countries like ours. This exposition covers all important areas and provides an overall bird's eye view of where GIS has been applied and can be applied using technologies available terrestrially or from space.

**Keywords:** GIS Applications; Accessibility; Technology Integration; Employment Opportunities; Innovation.

## **Advancements in GIS: Shaping Our World for the Future**

Surya Deb Chakraborty

*Esri, India*

*surdevsuryatoy37@gmail.com*

### **Abstract**

Geographic Information Systems (GIS) are becoming increasingly important in our everyday lives. They help us with things like maps, location data, and making decisions. Recently, GIS has made big progress, making it easier to collect and understand information, and it's being used in many different areas. Some exciting developments include using drones to gather data, smart technology that learns from data (like AI and machine learning), and even self-driving cars that rely on maps and location info. There's also the use of cloud computing and mobile GIS for convenience and better access to data. 3D and digital twins provide a more immersive view of the world, and automation streamlines many processes. These changes are making life more efficient and safer. GIS is being used in lots of places, from helping cities plan better to keeping an eye on the environment and aiding during disasters. Real-time and extensive data analysis helps us make quick decisions, while miniaturized sensors provide data in a cost-effective way. Artificial Intelligence is helping organize data and find patterns, and Augmented Reality technology enhances our understanding of the world. Looking ahead, GIS technology looks promising. It's going to be used in even more industries and schools, and it will continue to make our lives better. We'll also see more cool things like virtual reality combined with GIS, and machine learning will become even more important. All of this is aimed at making the world a better and more resilient place.

**Keywords:** Drone Technology; Artificial Intelligence (AI) and Machine Learning; Cloud Computing and Mobile GIS; 3D Mapping and Digital Twins; Augmented Reality and Virtual Reality Integration.

## **GIS and Resilience for Sustainable Development: Shaping a Brighter Future**

**Mallesh Ballina**

*Group Manager - Esri India  
mallesh.ballina@esri.in*

### **Abstract**

In the context of "GIS and Resilience for Sustainable Development: Shaping or Paving the Way to a Brighter Future," the synergy between Geographic Information Systems (GIS) and a steadfast commitment to resilience holds exceptional significance in shaping a sustainable future. In a world defined by unpredictable environmental shifts, societal transformations, and economic fluctuations, the urgency for resilient solutions in sustainable development has reached a critical juncture. This overview underscores the substantial impact of ESRI technology, a prominent provider of GIS solutions, in propelling resilience strategies across a spectrum of sectors, encompassing environmental conservation, water resource management, healthcare, agriculture, urban development, infrastructure planning, waste management, and the seamless integration of cutting-edge technologies like AI and ML. ESRI's comprehensive suite of GIS tools has fundamentally revolutionized our approach to addressing intricate challenges arising from environmental changes. By collecting, analyzing, and visually portraying geospatial data through maps, applications, dashboards, web, and mobile apps, ESRI technology empowers decision-makers to gain profound insights into complex systems. In the realm of healthcare, GIS proves invaluable for disease tracking, monitoring public health trends, and optimizing resource allocation. Remarkably, during crises such as the COVID-19 pandemic, GIS technology played a pivotal role in mapping the virus's spread, identifying vulnerable populations, and streamlining vaccine distribution. Agriculture also reaps substantial benefits from ESRI technology and GIS, enabling data-driven decisions to enhance crops, manage resources, and reduce environmental impact. Precision agriculture, facilitated by GIS, monitors soil conditions, crop health, and weather patterns, bolstering agricultural resilience. Furthermore, GIS technology plays a pivotal role in environmental conservation by mapping ecosystems, monitoring deforestation, and tracking the habitats of endangered species, thus enabling more effective strategies for conserving biodiversity and the sustainable utilization of natural resources. In the arena of urban development, GIS technology is indispensable for identifying vulnerable areas, enhancing emergency responses, and fortifying public safety, thus contributing to the resilience of urban infrastructure and services. Ultimately, the integration of GIS, advanced resilience strategies, and cutting-edge technologies within the framework of sustainable development equips decision-makers with the means to establish durability and sustainability across diverse sectors in an ever-evolving landscape in the context of "GIS and Resilience for Sustainable Development, shaping a more promising future."

**Keywords:** ESRI Technology; Geographic Information Systems (GIS); Resilience Strategies; Sustainable Development; Environmental Conservation.

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

*Souvenir, International GIS Day 2023*



# GIS APPLICATION

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## **Remote Sensing and GIS Application in Agriculture and Natural Resource Management**

Debi Prasanna Behera

*Fakir Mohan University, Odisha*

*Corresponding Author: debi.geol@gmail.com*

### **Abstract**

Agriculture plays a vital role in every nation economy every nation. It represents a substantial trading industry for an economically strong country. Remote sensing and Geographic information system used to analyse and visualize agricultural environments has proved to be very beneficial to farming community as well as industry. In this paper I tried to overview application of remote sensing and geographic information system in agriculture and natural resource management. Reliable and timely information on types of crops grown, their area and expected yield is importance for government for agriculturally based country. Applications of different remote sensing techniques are important for crop monitoring, crop condition assessment and yield estimation for sustainability of agriculture and natural resources. The spectral information is the important aspect of remote sensing data for crop modelling and it is strongly related with canopy parameters which are the representative of crop health and crop growth stages. Remote sensing and GIS can also be used very effectively in land use / land cover analysis as well as damage assessment because of drought, floods and other extreme weather events. Information on meteorology and vegetation are the two major important inputs into agricultural meteorology Applications of remote sensing technologies are important and effective method to identify Pest infested and disease. It is one of the effective tools for assessing and monitoring the water resources.

**Key words:** Remote sensing, GIS, crop modelling

## **Analysis Irrigation Water Quality for Agriculture through EWQI Technique**

Asit Kumar Dandapat and Prafulla Kumar Panda

*ICAR IIWM*

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: asit80t@gmail.com*

### **Abstract**

Groundwater is vital for agriculture and domestic use, but the quality of irrigation water is often overlooked. This study aimed to assess groundwater suitability for farming in Odisha's districts. Physico-chemical parameters met Indian standards (IS: 10500), and an Entropy Water Quality Index (EWQI) rated the water as 'good' for various purposes. A Water Quality Index (WQI) helped compare overall water quality in different areas. The computed EWQI value signifies that the water quality is categorized as good; indicating its suitability for various uses. In addition to these analyses, the researchers calculated the Water Quality Index (WQI) for different blocks to evaluate the overall quality of water. This index allows for easier comparison and understanding of the overall water quality status in different areas. Furthermore, the researchers evaluated water quality from an irrigation perspective using parameters like Sodium Absorption Ratio (SAR), Permeability Index (PI), Kelley's Ratio (KR), Magnesium Ratio (MR), Percent Sodium (Na%), Residual Sodium Carbonate (RSC), Corrosivity Ratio (CR) and Potential Salinity (PS). This information could be crucial for farmers to make informed decisions about water usage, crop management, and potential risks associated with water quality for irrigation purposes. It also helps authorities and policymakers in identifying areas that might need special attention in terms of water management and pollution control to ensure sustainable agriculture practices and maintain a healthy water ecosystem.

**Key words:** Entropy Water Quality Index (EWQI), Water Quality Index (WQI)

## **GIS Implementation in Environmental Engineering**

Pratyush Kumar Behera

*ITDA, Baripada*

*Corresponding Author: pratyushkumar.pk97@gmail.com*

### **Abstract**

Computer mapping and spatial analysis have been developed with the help of information technology simultaneously in several related fields. Without the closure, the current state would not have been achieved interaction between different fields such as power grids, real estate mapping, topographic mapping, thematic cartography, geodesy and photogrammetry remote mapping, image processing, computer science, land and urban planning, earth science and geography, GIS technology correlates them all learn to quickly communicate with each other and create results. GIS technology is quickly becoming a standard tool for natural resource management. GIS technology is used to assist decision makers by showing various options being developed and conservation planning to protect the environment and modelling of possible outcomes scenarios. Like every mission, it begins and ends in a real environment. Information is collected on the subject real-world environment and its various parameters. The data is then analysed and the data is prepared for decision makers. Based on this information, actions are taken and plans are implemented in the year in relation to environmental protection and sustainable development. There are an infinite number of applications or ways of using GIS where spatial features need to be modelled analyzed GIS systems are now widely used in administration, business, defense and research including environmental systems. This article focuses specifically on applications environmental technology spatial information system such as - water pollution mapping and monitoring, monitoring environmental effects of human impacts, assessment of drought effects, determination of water limits and surface water bodies, flood and flood mapping, and many other environmental applications.

**Key words:** GIS technology, spatial features

## **Study of Downscaling Techniques and Standings of Bias Corrected Global Climate Models for Brahmani Basin, Odisha, India**

M. Uma Maheswar Rao

*National Institute of Technology, Rourkela*  
*Corresponding Author: mahesh93.happy@gmail.com*

### **Abstract**

Climate change stands as a formidable challenge threatening both natural and human ecosystems, necessitating the development of accurate forecasting tools to predict its impacts on crucial areas like river basins. We assessed the performance of twelve GCMs from the Coupled Model Intercomparing Project, Phase 6 (CMIP6), including ACCESS-CM2, CESM2, CIESM, and nine others. The evaluation of the GCMs' prediction capabilities for precipitation (Pr) is anchored on five key performance indicators: average absolute relative deviation (AARD), skill score (SS), absolute normalized mean bias deviation (ANMBD), correlation coefficient (CC), and normalized root mean square deviation (NRMSD). Before their assessment, GCMs undergo a downscaling process to achieve a granular spatial resolution, and the subsequent systematic biases are addressed through statistical downscaling. Performance metrics' weights are ascertained using the entropy method. To rank the GCMs for their applicability in the study area, multiple methodologies such as cooperative game theory (CGT), compromise programming (CP), weighted average technique, TOPSIS, and PROMETHEE-2 are employed. The integration of these ranking techniques is achieved through the General Decision Making (GDM) approach. Findings indicate that, for predicting precipitation in the Brahmani River Basin, the top-performing models are MIROC-ES2L, HadGEM3, GFDL-ESM4, UKESM1, and FGOALS-g3. This research aids in identifying the most reliable models to anticipate the impacts of climate change on river basins, a critical component in the broader spectrum of environmental planning.

**Key words:** Global climate models (GCMs)



## **GIS-based Approaches for The Identification of Groundwater Recharge Zones and Water Harvesting Suitability Levels in Spring Catchments in the Indian Himalayan Region (IHR)**

Syed Rouhullah Ali, Kireet Kumar

*NMHS-PMU, GB Pant National Institute of Himalayan Environment, Almora, Uttarakhand*

*Corresponding Author: syed.nmhspmu@gmail.com*

### **Abstract**

Groundwater contributes significantly to annual water supplies. Explosive expansion, unequal population distribution, fast urbanization, deforestation, inadequate irrigation, and false land use practices reduce groundwater supplies in the Indian Himalayan Region (IHR), drying springs or turning them seasonal. Thus, agriculture, households, and industry in the region require more water. Analyzing groundwater and recharge characteristics helps comprehend the region's water supplies and how to revitalize the spring catchment. Water resource management depends on precisely determining groundwater recharge zones and rainfall collection suitability. This study discusses water recharging zones and water harvesting potential in selected Indian Himalayan catchments. Using weighted overlay index (WOI) tools in a GIS and analytic hierarchy process (AHP) pair wise matrices, catchment recharge zones and rainwater harvesting suitability levels were determined. Maximum springs occur in forest areas, which are good groundwater potential locations. Staggered contour trenches, pits, and other structures can improve watershed management and replenish IHR spring water bodies. Remote sensing and GIS were effective in reviving water bodies and finding suitable water harvesting sites and groundwater recharge zones to improve IHR water accessibility. Decision-makers can use zone/suitability maps to recharge groundwater and rejuvenate regional spring water bodies in the IHR.

**Key words:** Groundwater, harvesting, watershed management, analytic hierarchy process.

## **Identification of Forest Fire Zone in Junnar Forest Division, Pune District of Maharashtra**

Shivaji Budha Sabale, Doke A. B

*Prof. Ramkrishna More College Akurdi*

*Corresponding Author: sivasabale1997@gmail.com*

### **Abstract**

The problem of forest fires is widespread. For a long time, forest fires have been a serious issue. The Junnar division is a critical area for forest fires every year. March, April, and May are the three months when most forest fires occur. Most of these fires are artificial. Grazing, smoking and collecting firewood are some examples. Therefore, we have to face all the problems of the environment, humans, and pollution on a large scale. Forest Area: 5319 sq. km. Junnar division is the northern part of Pune district in Maharashtra; it comes under the Pune Forest Circle. Junnar, Otur, Ghodegaon, Manchar, Khed, Chakan, and Shirur Talukas come under the Junnar Forest Division. The project therefore aims to monitor the conditions of the study area using GIS and remote sensing methods, locate forest fire hotspots, and investigate the effects of these fires on both the environment and people. Using parameters such as the Normalized Difference Vegetation Index (NDVI), land-use land cover (LULC), distance from habitation, distance from road, slope and aspect map, and elevation map These thematic layers were weighted according to their importance, and forest fire hotspots were identified. The total number of forest fire alerts is high. The final fire risk map created indicates that the low-risk area is 1848 sq. km. The moderate-risk area is 3372 sq km. The high-risk area is 100 sq. km. Therefore, there is a need for proper management of forest fires. The proposed work focuses on assessing detailed processes, such as forest fire impacts on the human living environment, using geospatial tools like RS, GIS, and GPS. Also, it is helpful for a sustainable environment in the Junner Forest Division.

**Key words:** Risk of forest fires, satellite imageries, GIS, Junnar forest Division.

## **Analysis of Suitable Urban Development Areas Using Analytical Network Process – A Case Study of Pudukkottai Town**

B. Linda Theres, Selvakumar R, Monisha R, Rakzshanaudhaya P,  
Varsha R, Akash P and Sakthi Kiran. D. R

*SASTRA Deemed to be University, Thanjavur*  
*Corresponding Author: lindatheres92@gmail.com*

### **Abstract**

In the present day, urbanization helps to solve the problem of unemployment, locomotion facilities, education and medication amenities etc. Despite disadvantages like pollution, ease of spreading pandemic in a crisis, peak traffic issues, lack of landscapes etc., the advantages are predominant. The mere numeric data won't suffice for in-depth analysis. Also, the standard method of finding suitable urban development is a tedious and time-consuming process, and where the spatial analysis gets to play. Pudukkottai town accounting for 284.06 sq. km, was chosen for the study. For Pudukkottai, thematic layers were prepared from the Satellite/Collateral/DEM data's such as altitude, aspect, slope, land use land cover, waterbody, groundwater, road, and amenities. The thematic maps, prepared were standardized in ANP (Analytical Network Process) by developing pairwise comparison matrix. ANP is used as a decision-making tool to determine the percentage of influence of each factor on urban development. The scores obtained from these comparisons gave weighted values on each criterion. Later, the eight maps were integrated by performing overlay analysis to prepare the site suitability map of the Pudukkottai district for urban development. Here GIS and remote sensing act as handy tools to research the various causative factors of urban development. The emphasis of this study was to identify future development in Pudukkottai using a decision tool, ANP, as it gives a more accurate representation of the real world. It was deduced that the town could experience infill, sprawl, and leapfrog development patterns.

**Key words:** Thematic layers, Thematic maps, Urban Development

## **Analyzing the Spatiotemporal Variability of Surface Water Temperature and Water Quality Parameters in Lake Tana, Ethiopia**

Getachew Bayable Tiruneh, Ji Cai, Mulatie Mekonnen, Solomon Addisu Legesse, Kanako Ishikawa, Shinjiro Sato, Victor S. Kuwahara

*Soka University*

*Corresponding Author: e22d5803@soka-u.jp*

### **Abstract**

Urbanization, agriculture, and climate change affect water quality and water hyacinth growth in lakes. This study examines spatiotemporal variability of lake surface water temperature, turbidity, and chlorophyll-a (Chl-a) and their interrelationship with water hyacinth biomass in Lake Tana using MODIS lake surface temperature (LSWT), Sentinel 2 MSI Imagery, and in-situ water quality data. Pixel-based linear regression, Modified Mann-Kendall trend test, Innovative Trend Analysis, Sen's slope estimator, coefficient of variation, and Pearson correlation coefficient were used for data analysis. Validation results revealed strong positive correlations between MODIS LSWT and in-situ water temperature ( $r=0.9$ ), in-situ turbidity and normalized difference turbidity Index (NDTI) ( $r=0.92$ ), and in-situ Chl-a and normalized difference chlorophyll index (NDCI) ( $r=0.84$ ). LSWT was highest in the shore area, southern, eastern, and southwestern parts, while lower in central and northern parts. Turbidity and Chl-a were higher in eastern, northeastern, northwestern, and southwestern parts, while lower in central and western parts. LSWT trends varied across the lake, with increasing trends in the northeastern, northwestern, and southwestern, and decreasing trends in the western, southern, and central parts (2001-2022). Areal average LSWT trend decreased significantly in post-rainy ( $-0.013^{\circ}\text{C}/\text{yr}$ ), pre-rainy ( $-0.012^{\circ}\text{C}/\text{yr}$ ), and rainy seasons ( $-0.016^{\circ}\text{C}/\text{yr}$ ) but increased insignificantly in the dry season ( $0.001^{\circ}\text{C}/\text{yr}$ ) (2001-2022,  $P<0.05$ ). Areal average turbidity decreased significantly in all seasons, except in the pre-rainy season.

**Key words:** Hyacinth biomass, Spatio temporal variability, Turbidity Index, Chlorophyll index

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## **Geospatial Information in Agriculture**

Anish Takwale, Pratham Avinash Nandgaonkar

*Vishwakarma Institute of Information Technology (VIIT), Pune*

*Corresponding Author: anish.22310111@viit.ac.in*

### **Abstract**

GIS can be used to support agriculture, ecosystem management, and hydrology in a variety of ways. For example, GIS can be used to: Improve agricultural productivity and sustainability. GIS can be used to identify optimal planting sites, map irrigation needs, and monitor crop health. This information can be used to improve agricultural yields and reduce environmental impact. Protect ecosystems and biodiversity. GIS can be used to identify and monitor important habitats, track the spread of invasive species, and assess the impact of climate change. This information can be used to develop conservation strategies and protect biodiversity. Manage water resources sustainably. GIS can be used to identify flood-prone areas, assess the impact of drought, and manage water resources efficiently. This information can be used to reduce the risk of flooding and water shortages. Would be a catastrophic event and its effects would be devastating.

**Key words:** sustainability, ecosystems, biodiversity, invasive species, catastrophic event

## **GIS Based Decision Support System for Agricultural Policy**

Sidam Sai Deepesh, Divine boon, G. Venkatesh

*Centurion University Technology and Management, Odisha*

*Corresponding Author: 210804130267@cutm.ac.in*

### **Abstract**

Decision Support Systems (DSS) provide a framework for integrating database management systems, analytical models, and graphics, in order to improve decision-making process. The decision support system concept was extended to the spatial context by integrating GIS and DSS into spatial decision support systems (SDSS). Because of lack of computer software to develop user friendly interfaces in the past, GIS have not been used as part of SDSS. Instead, GIS have been used to generate and store spatial data which were then used as inputs for the analytical models. GIS was used independently to display maps by inputting results of the analytical models. Much research has been done on the use of GIS in the visualisation of the results of the analytical models. Developing user friendly graphical interfaces in incorporating analytical models into GIS to arrive at SDSSs is one of the active areas in agricultural management. Some such examples are discussed in this paper. Precision farming, a combination of GIS, GPS receivers, continuous yield sensors, geostatistics and variable rate applicators is an innovative approach to practice of sustainable agriculture. The other SDSS applications discussed in this paper are on watershed management, crop productivity management and policy decision analysis. systems, analytical models, and graphics, in order to improve decision-making process. The decision support system concept was extended to the spatial context by integrating GIS and DSS into spatial decision support systems (SDSS). SDSS applications discussed in this paper are on watershed management, crop productivity management and policy decision analysis.

**Key words:** Dspatial decision support systems, analytical models, GPS receivers, watershed management

## **Soil Quality Assessment through GIS and Remote Sensing**

T. Esha Rani

*Centurion University Technology and Management, Odisha  
Corresponding Author: 210804130252@cutm.ac.in*

### **Abstract**

Assessments of Soil quality help in managing soil, using its functions optimally and preventing soil degradation by nourished future use. In this regard, an integrated approach involving soil physio-chemical analysis, geostatistical, Arc GIS model builder is used to generate soil quality map of Chamrajanagar District. From different landform features eighteen profile samples were collected and tested for EC, pH, BD, OM and the major, secondary and micronutrients. The result indicated that soils of Chamrajanagar District are varying from very low soil quality to very high soil quality this may be due to the large deviation in land and soil properties. The study also demonstrates the importance of GIS in building land resource data base of soil which is very much necessary for better monitoring of soil properties for optimal sustainable resources. There is a need to develop of spatial models to support regional environmental planning and management. Satellite remote sensing data and Geographic Information Systems (GIS) offer excellent tools for the assessment and the evaluation of environmental impacts.

**Key words:** Soil erosion, Geostatistical, Salinity, Policy planning

## **Agricultural Land Suitability Analysis using GIS**

Rithick Mondal, Bhubaneswari Patel, Subbbarayudu Gundra

*Centurion University of Technology and Management  
Corresponding Author: 210804130261@cutm.ac.in*

### **Abstract**

This study aims to assess the suitability of agricultural land using Geographic Information System (GIS) techniques. The study area is located in a rural region of a developing country, where agriculture is the primary source of livelihood for the local population. The GIS analysis includes the integration of various spatial data layers such as soil type, slope, rainfall, temperature, and land use. Define the study area: Determine the boundaries of the area to be analysed and gather relevant data on the physical and environmental characteristics of the area. Identify key factors: Identify the key factors that influence agricultural productivity in the study area, such as soil type, topography, climate, and water availability. Collect data on these factors from various sources, including government agencies, research institutions, and local farmers. Validate the results of the analysis by comparing them to existing land use patterns and consulting with local farmers and land managers. Use the results: Use the results of the analysis to inform land use planning and management decisions, such as crop selection, resource allocation, and environmental management practices. The suitability analysis is based on the FAO framework, which classifies land into different categories based on their suitability for specific crops. The results show that a significant portion of the study area is suitable for agriculture, with varying degrees of suitability for different crops. The study provides valuable insights for farmers to make informed decisions regarding land use planning and crop selection.

**Key words:** Spatial data layers, Environmental characteristics, FAO framework



## **Air Quality Mapping and Monitoring using Geospatial Technology -A Case study of Delhi**

Ankit Kumar and Prafulla Kumar Panda

*Centurion University of Technology & Management  
Corresponding Author: 200101110008@cutm.ac.in*

### **Abstract**

The degradation of air quality is a major environmental problem that affects many surrounding regions of industrial sites. Exposure to gaseous pollutants like SO<sub>x</sub>, NO<sub>x</sub>, Gaseous Hg, Gaseous F and particulate matter like RSPM, SPM, particulate Hg etc. cause severe health effect like respiratory, cardiovascular diseases and cardiopulmonary mortality. This paper carries out of comparative review of GIS based systems and mathematical models for air quality monitoring. Further it presents a schematic framework for the GIS based evaluation of air pollution situation in surrounding regions of industrial sites and the factors that should be taken in consideration for developing the GIS based system based on the proposed framework.

**Key words:** Degradation, Air quality, Pollutants

## **Analysis of Hydrological Alteration in Main River, Germany**

Lipsita Choudhury, Debanand Mahapatro, Bibhuti Bhusan Sahoo

*Centurion University of Technology and Management  
Corresponding Author: 203001170007@cutm.ac.in*

### **Abstract**

Hydrological alteration serves as a crucial indicator of river health, preserving the natural flow patterns vital to riverine ecosystems. While various research methodologies exist for analysing such alterations, a site-specific investigation remains essential for effective riverine ecosystem protection. This study focuses on analysing the hydrological status of the Main River basin, which is also an important tributary of the Rhine River in Germany, while also developing a flow duration curve (FDC) to illustrate the frequency and duration of different flow events, including low and high flows. Indicators of hydrologic alteration (IHA) were utilized to assess hydrological alteration, with low flows estimated using a period of record flow duration curve. Daily discharge data collected from 11 Main River stations, which carry discharge data for 30-50 years, is employed for the hydrological analysis. The quantitative and qualitative assessment of hydrological alterations revealed the river basin to be in a "very altered" state. The findings of this study underscore the significance of hydrological alteration assessment for riverine ecosystem management and protection. The development of FDC for different flow events contributes to a better understanding of the river's hydrological behaviour, aiding in the design of environmental flow requirements for effective water resource management. These insights are valuable for decision-makers and environmental planners in implementing strategies to safeguard the riverine ecosystem and support its long-term ecological integrity. Moving forward, a focused effort on mitigating hydrological alterations can promote the health and resilience of the river basin, ensuring its sustainability for both human communities and the diverse aquatic life dependent on this vital ecosystem.

**Key words:** FDC, Hydrologic Alteration, Low Flows, High Flows, River Health

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Average Annual Rainfall Mapping of Supaul District, Bihar**

Ful Kumar Singh, Prafulla Kumar Panda and Madan Mohan Rout

*Centurion University of Technology and Management  
Corresponding Author: 210101110008@cutm.ac.in*

### **Abstract**

Average annual rainfall mapping of Supaul district, Bihar, India, for the periods 2003-2007, 2008-2012, 2013-2017, and 2018-2022 was conducted using the Thiessen polygon method. The rainfall data has been collected from Center for Hydrometeorology and Remote Sensing (CHRS) at the University of California and India Metrological department. It has been observed that the average annual rainfall for the district was 1565 mm, but there was significant variability from year to year. The highest rainfall was recorded in the period 2003-2007, with an average of 1680 mm, and the lowest rainfall was recorded in the period 2008-2012, with an average of 1490 mm. The variability in average annual rainfall and spatial distribution of rainfall in Supaul district is likely due to a number of factors, including climate change, land use change, and natural variability. It is important to understand the variability in rainfall in order to develop effective strategies for water resource management, agricultural planning, and disaster preparedness.

**Key words:** Thiessen Polygon Method; Rainfall Variability; Climate Change; Water Resource Management; Disaster Preparedness

## **Climate Change Impact on Agriculture: GIS based Assessment**

B. Karthikeyan, D. Rahul, P. Thirupathi Reddy, Tanmaya Ranjan Ray,  
Subhashree Subhrasmita, Debojyati Hazra

*Centurion University of Technology and Management*  
*Corresponding Author: 210804130227@cutm.ac.in*

### **Abstract**

Agriculture is always vulnerable to unfavourable weather events and climatic conditions. Despite technological advances such as improved crop varieties and irrigation systems, weather and climate are still key factors in agricultural productivity. Often the linkages between these key factors and production losses are obvious, but sometimes the linkages are less direct. The impacts of climate change on agricultural food production are global concerns, and they are very important for India. Agriculture is the single most and one of the good sectors of India's economy which accounts for about 17% of the GDP and provide employment for approximately 58% of the population. Agriculture in India is already under pressure both from huge and increasing demands for food, and from problems of agricultural land and water resources depletion. The prospect of global climate change makes the issue particularly urgent. It is well established that atmospheric concentration of CO<sub>2</sub> is increasing and this would be beneficial for crop growth and productivity. But the nature and magnitude of climatic change associated with the increase of CO<sub>2</sub> and other radioactive trace gases are uncertain. Thus, it is difficult to predict the combined impact of increasing atmospheric CO<sub>2</sub> on agricultural productivity. Crop simulation models are used widely to predict the crop growth and development in studies of the impact of climatic change.

**Key words:** Crop Simulation Models, Atmospheric Concentration



## **Computation of the Applications of Geoinformatics in Agricultural Sciences**

Saikat Mukherjee

*Centurion University of Technology and Management  
Corresponding Author: 210805220003@cutm.ac.in*

### **Abstract**

Geoinformatics is the amalgamation of geographic information systems (GIS), remote sensing, and computer science, has emerged as a pivotal tool in revolutionizing agricultural sciences. This abstract provides a concise overview of the manifold applications of geoinformatics in agriculture. Geoinformatics enables precise spatial analysis and decision-making in the agricultural domain, facilitating improved resource management and enhanced crop production. It plays a crucial role in soil mapping, crop monitoring, and land use planning, thus optimizing agricultural practices for sustainable food production. The utilization of satellite imagery, drones, and advanced data analytics in the agricultural sector has enabled real-time monitoring of crop health, pest infestations, and weather patterns, resulting in timely interventions and increased productivity. Furthermore, geoinformatics fosters precision agriculture, where data-driven insights help farmers make informed decisions regarding planting, irrigation, and fertilization, reducing waste and promoting sustainability. It also supports supply chain management, ensuring efficient distribution and market access for agricultural products.

**Key words:** Geoinformatics, Agriculture, GIS, Remote Sensing, Precision Agriculture, Resource Management, Sustainable Food Production, Spatial Analysis, Data Analytics.

## **Drainage Network Analysis using Geospatial Technology**

Kaushal Kumar and Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110002@cutm.ac.in*

### **Abstract**

Drainage network analysis includes several operations that quantify the topological organization of stream networks. Network analysis operations are frequently performed on streams that are derived from digital elevation models (DEMs). Network analysis is a powerful tool for understanding the structure and function of complex systems. It allows researchers to identify patterns and trends in the relationships between the entities in a network and to understand how these relationships influence the behaviour of the system as a whole.

**Key words:** Drainage Network Analysis, Complex Systems, Topological Organization

## **Environmental Flow Assessment of Mahanadi River Basin, India**

Debanand Mahapatro

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 203001170050@cutm.ac.in*

### **Abstract**

Environmental flow (E-flow) serves as a crucial indicator for assessing the stability of a watershed ecosystem. Researchers have shown a growing interest in calculating ecological discharge amid hydrological fluctuations. In this context, the Mahanadi River Basin has been selected as the study area. While reservoirs serve various human needs, they also lead to changes in the downstream hydrological regime, which subsequently affects ecological diversity. In this study, the assessment of environmental flow in the Mahanadi River Basin highlights the significance of maintaining a sustainable balance between human water demands and ecological needs. The findings underscore the importance of considering ecological factors when managing water resources to safeguard the health and resilience of the riverine ecosystem. As reservoirs alter the downstream hydrological regime, understanding their impact on ecological diversity becomes crucial for informed decision-making in water management practices. By bridging the gap between hydrological indices and ecological conditions, this research paves the way for more effective and ecologically sensitive water resource management strategies in the Mahanadi River Basin and beyond. The study calls for further research and collaboration between hydrologists, ecologists, and policymakers to ensure the long-term well-being of the river basin and its associated biodiversity.

**Key words:** -Environmental Flow, Eco-System, Reservoir, Ecological Flow, Flow Regime, River Health

## **Flood Risk Assessment Mapping of Supaul District, Bihar**

Rahul Kumar, Sahukar Chinnari and Prafulla Kumar Panda

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110019@cutm.ac.in*

### **Abstract**

Flood risk assessment is a critical component of disaster preparedness and resilience in the face of increasingly frequent and severe flooding events. This abstract provides an overview of the key principles and methodologies involved in flood risk assessment. It highlights the importance of understanding the spatial and temporal dynamics of flood hazards, exposure, and vulnerability, as well as the role of climate change in shaping flood risk. The abstract also emphasizes the significance of advanced technologies, data sources, and modelling techniques in enhancing the accuracy and reliability of flood risk assessments. Moreover, it underscores the necessity of multi-disciplinary collaboration among scientists, engineers, policymakers, and community stakeholders to effectively manage and mitigate flood risks. The abstract concludes by highlighting the potential benefits of proactive flood risk assessment in reducing the socio-economic and environmental impacts of flooding and fostering sustainable development in flood-prone regions.

**Key words:** Multi-Disciplinary, Flood-Prone Regions, Flood Hazards, Exposure, Risk Assessment.



## **Geospatial Tools for Urban Agriculture Planning**

Abinash Das, Aditya prasad Das, Ipsita Nayak

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130205@cutm.ac.in*

### **Abstract**

Power to readily collect and analyze farmland data is one of many reasons why geospatial tools are so valuable in agriculture. And in increase of urban system in both areas and population represent the most significant land use and land cover change occurring in world today. Urban agriculture is a practice of growing crops in cities. It is a quantitative framework to assess global aggregate ecosystems service from existing vegetation in cities. Geospatial tools introduce a quantitative framework to assess intensive urban agriculture scenario based on data driven and vacant land found in urban areas. Geospatial tools include everything from hardware to software and collection of data. Such tools like remote sensing, GPS, GIS are way potential to contribute in urban agriculture to alleviate environment issues as well as efficient planning. It includes spatial pattern characteristics both environmental and socio-economic disparities. This approach identified specific location that is open and available for urban agriculture. These contribute efficient use of land and space.

**Key words:** Geospatial tools, Remote sensing, GPS, GIS, Urban agriculture

## **Geospatial Technology for Health Care Information System**

Aditya Kumar, Prafulla Kumar Panda and Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110012@cutm.ac.in*

### **Abstract**

Geographical Information System (GIS) in a Health Management Information System (HMIS) can be a powerful tool to make health care delivery more effective and far more efficient. It includes database management, planning, risk service area mapping, location identification, etc. One of the causes for this sudden surge of GIS use in healthcare application is the spatial dependency of health-related factors. The use of GIS helps capture, store, combine, analyze and display data using Remote Sensing, topographical surveys, urban survey and town planning, geology, hydrology, traffic and transport engineering, land use pattern, rainfall pattern, and drainage. Mapping of essential resources like road networks, locate the health facility in the study area and find out the population density using GIS techniques.

**Key words:** Mapping, topographical surveys, Health Management Information System

## **GIS Application in Soil Erosion**

Vemu Sudham

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 230805250001@centurionuniv.edu.in*

### **Abstract**

Geographical information system (GIS) is an effective tool for managing, storing, and displaying dimensional data usually capable of soil erosion. Soil erosion represents one of the most serious land degradation problems, and Mediterranean areas are particularly prone to this phenomenon. In the light of climate change and human-induced variations on the environment, the threat from soil erosion requires considerable attention. Over the last decades, estimation of soil erosion using empirical models has long been an active research topic. Nevertheless, their application over large areas is still a challenge due to data availability and quality. Successful monitoring can be realised with the integration of ancillary data and remote sensing products within a GIS environment. The main purpose of this research was to quantify the amount of soil erosion rate and to identify the spatial patterns of erosion and deposition in Mahendratanya river basin. This study presents the results of application of the Revised Universal Soil Loss Equation for Complex Terrain (RUSLE3D) and the Unit Stream Power-based Erosion Deposition (USPED) models. In order to appreciate the rate of soil loss and the spatial patterns of soil erosion and deposition, the two models were applied and compared through ancillary data and multi-temporal satellite imagery by GIS application.

**Key words:** Satellite imagery, Erosion Deposition, spatial patterns, empirical models

## **GIS Application in Water Resources Management**

Samridh Nayak

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: samridhnayak1998@gmail.com*

### **Abstract**

Geographical information system (GIS) is an effective tool for managing, storing, and displaying dimensional data usually capable of water resources management. The application of GIS in water resources is automatically on the rise. Basics of GIS are assembling and the historical backdrop of the GIS development in water assets is easy to refute. The effects of human activity are all around us in some places, and water resources are getting harder to find. In this situation, evaluating these resources, estimating consequences, and developing plans to lessen impacts and enhance sustainability while utilizing the finest technology available are all important. While geographic information systems (GIS) offer the best tools for managing water resources and other related issues like drought and flood risk, remote sensing offers the essential data for managing these resources. Current GIS applications are presented including surface hydrologic and groundwater modelling, water supply and sewer system modelling, storm water and nonpoint source pollution modelling for urban and agricultural areas, and other related application. Geographic information systems (GIS) provide the best tools for water resources, drought and flood risk management. Water management using GIS is beneficial for monitoring water resources. GIS use in water resource management are Storage and management of geospatial data, Hydrologic management, Modelling of groundwater, Quality analysis of water, Water supply management, Sewer system management, Storm water control and floods disaster management.

**Key words:** Water Resources Management, Sewer System Management, Hydrologic Management, Artificial Intelligence Models



## **GIS for Agriculture, Ecosystem and Hydrology**

Swaroop Sualsingh

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: sualsinghswaroop@gmail.com*

### **Abstract**

Geographical Information System (GIS) is a technology for collection of geographic or spatial data so that we can analyze and visualize the geographical challenges. In agriculture, GIS database can provide information on field topography, soil type, surface and subsurface drainage, soil testing, irrigation, chemical application rate and crop yield. GIS is the logical hub for precision farming data management to provide precise geographical positioning for all data layers and ground control for all image sources. In ecosystem management benefits significantly from GIS by providing a natural view of habitats, biodiversity and ecological changes and spatial analysis wildlife protection, which support for preservation and restoration. Hydrology benefits from GIS for analysing flood and drought prediction by incorporating meteorological information. So that, this holistic approach is essential for environmental sustainability, as interdependence of land use, biodiversity and water management.

**Key words:** Spatial Data, Crop Yield, Meteorological Information, Topography, Sustainability

## **Ground Water Potential Zone Mapping using Geospatial Technology**

Rahul Kumar, Prafulla Kumar Panda, Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110009@cutm.ac.in*

### **Abstract**

The groundwater potential zone map thus obtained was categorized into five classes-very high, high, moderate, low and very low. The study reveals that about 59% of the river basin is covered under moderate groundwater potential zone. The low and high groundwater potential zones are observed in 29% and 11% respectively. The area with sand and sandy clay is a groundwater potential zone due to its high porosity and high permeability. A weight age of 0.20 was assigned for this layer. Geomorphology. The identification of geomorphologic features is very important for demarcating groundwater potential.

**Key words:** Geomorphology, Potential Zone, Porosity, Permeability

## **Growing Fresh Fruits and Vegetables in an Urban Landscape: A Geospatial Assessment of Ground Level and Rooftop Urban Agriculture Potential in Boston, USA**

Pradip Dey

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 230805250004@centurionuniv.edu.in*

### **Abstract**

Urban parcels can potentially be leveraged for developing a local urban food system by growing high yield food crops. Here, a remote sensing and GIS-based modelling framework was developed to locate and quantify available area for urban farming, including both rooftop and ground level areas in the city of Boston, MA, USA. Geoprocessing and spatial analysis tools were used to process geographic data layers for zoning, ownership, slope, soil quality, and adequate light availability. Surface slope (roof pitch) was determined for all buildings in the city through the creation of a digital surface map from remotely sensed LiDAR data. Potential parcels from ground level public and private vacant lots and underutilized residential and commercial areas were mapped using publicly available datasets. Approximately 922 ha of rooftop and 1,250 ha of ground level parcels have been identified, representing 7.4% and 10% of the total land area in Boston, respectively. Finally, food yield values for common urban agricultural crops were used to estimate the city's food production potential from the identified parcels. Despite Boston's density, the mapped areas have potential to produce enough fresh fruits and vegetables for Boston's population, while providing both environmental and economic co-benefits. The study outcome was compared with mapping and inventory results from other North American cities.

**Key words:** Modelling framework, Surface slope, Boston's population, LiDAR data

## **Irrigation Management & Water Resource Optimization with GIS**

Munnangi Sowmya, Subrat K Panigrahi, Sidhi Binayak Sahu,  
Dakoju Sushma, Sudeep Swain

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130273@cutm.ac.in*

### **Abstract**

The intensification of irrigated agriculture is a prerequisite for fulfilling the rising food requirements of the burgeoning global population. But the expansion of irrigated agriculture causes the water resources problems in irrigated areas. The twin menace, i.e., water logging and soil Salinization of irrigated agriculture can be managed by either adopting preventive measures which decrease the inflow or by employing remedial measures which increase the outflow of water and salt. Remote sensing and geographic information systems (GIS) are very useful tool and offer a good option to traditional techniques in monitoring and evaluation of waterlogged and saline areas. This paper presents an overview of the applications of remote sensing and GIS techniques for the management of water resources problems of irrigated agriculture. The indication and background of the water resources problems are provided. The integrated use of remote sensing and GIS techniques in the management of water resources problems are also discussed. Finally, the case studies of applications of integrated remote sensing and GIS approach and some conclusions are presented.

**Key words:** Global Population, Water Logging, GIS Techniques, Saline Areas



## **Natural Forest Loss Mapping using Innovative Trend Analysis of KBK District**

Gupta Kumar Bhuiyan

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 200101111010@cutm.ac.in*

### **Abstract**

Forest loss, a critical global environmental issue, has reached alarming proportions due to human activities and natural causes. This abstract provides a comprehensive overview of the multifaceted aspects of forest loss, including its causes, consequences, and potential mitigation strategies. Human-driven factors such as deforestation, urbanization, agricultural expansion, and illegal logging have significantly depleted the world's forests, leading to adverse ecological, social, and economic impacts. Loss of biodiversity, disruption of ecosystems, climate change exacerbation, and the jeopardizing of indigenous communities' livelihoods are some of the severe consequences associated with forest loss. Addressing this crisis demands international cooperation, stringent policies, and innovative conservation approaches. Sustainable forest management, forestation, reforestation, and community-based conservation initiatives are vital strategies to combat forest loss and restore the delicate balance between human development and environmental preservation. Additionally, embracing advanced technologies like remote sensing, artificial intelligence, and block chain can enhance monitoring and enforcement efforts, ensuring the protection and regeneration of our invaluable forest ecosystems. This abstract underscore the urgency of taking immediate, concerted action to preserve our forests, safeguard biodiversity, and mitigate the far-reaching consequences of ongoing forest loss on the planet's well-being.

**Key words:** Enforcement efforts, Loss of biodiversity, Disruption, Exacerbation

## **Noise Monitoring and Mapping of Seven Major Cities of India**

Neha Singh, Prafulla Kumar Panda and Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110023@cutm.ac.in*

### **Abstract**

The dataset contains noise level readings at monthly level of various stations across seven cities in India. The data has been made publicly available by the Central Pollution Control Board: <http://www.cpcbenviis.nic.in/index.html> of the Government of India. Noise affects humans and hearing is one of our primary senses. It is a crucial element for communication and is an important part of our well-being. Decibel readings across stations and cities in India.

**Key words:** Decibel Readings, Noise Affects, Primary Senses

## **Precision Livestock Farming with Geospatial Technologies**

Rinkesh Kumar Mohapatra, Jaggavarapu Megha Nandu

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130235@cutm.ac.in*

### **Abstract**

Real-time data analytics, automation, and spatial intelligence, farmers can make precise, data-driven decisions, leading to sustainable agricultural practices, improved livestock well-being, and increased overall productivity. This abstract underscores the transformative potential of merging PLF with geospatial technologies, shaping the future of livestock farming practices. Like all technologies, PLF technologies are constantly evolving with every passing day. Many are adopted and highly successful. A few of the PLF technologies which are in application today are: The several forms of Automated-weighing systems are 'Step-on scales and cameras integrated with software that gives the weight to individuals through machine-learning analysis of images and videos with a very little margin of error. Step-on scales are widely used in poultry and walk-over sensors are used in pigs. Measuring weight from image and video analysis is faster, easier, and more importantly, less intrusive. Water meters and different types of feed intake sensors are used to record information on the feeding and drinking behaviors of farm animals. This information, collected over a period of time provides a historical trend and expected levels of feed and water intake, which can then be used to trigger early warning systems in case the feeding and drinking habits of animals change. As mentioned earlier, images and video analysis can provide near-accurate information on the weights of individual animals automatically. Sensors are also used to measure farm temperature, and aquaculture variables like pH, oxygen content, etc. One important thing to consider in PLF is their discomfort or harm to the animals.

**Key words:** Geospatial technologies, Precision livestock farming technologies.

## **Rainwater Harvesting through GIS**

Rajit Roy

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: baramarajit@gmail.com*

### **Abstract**

Geographic Information Systems are very important these days from remote sensing to cartography to forestry etc. Water is a basic normal asset for supporting the condition of life. Accessible water assets are feeling the squeeze because of expanding demand. Soon water, which we have depended upon to be accessible, and an unconditional present of nature will turn into a rare product. Protection and conservation of water assets are desperately required Mapping the collection of Rainwater Harvesting through GIS is an excellent opportunity to save water. We built dams and other instruments to collect rainwater but to get where to build them and where to not we would need the help of GIS to know demand for rainwater harvesting largest and where it is most feasible, thus conserving both labor and budget. The current idea would emphasize on cities that is on lack of water. GIS would help us indicate the locations of the houses and also the give us a digitalized map of the elevation of the land so that ground water channels could be made accordingly. Also study to GIS records would help us relocate the areas where building of water reservation instruments are not much required and provide us a better budget to go for. Data from GIS tools already have been used in many countries for can assist strategy developers by; (i) defining the problem, (ii) generating alternative solutions, (iii) evaluating the alternatives, and (iv) indicating the best alternative for implementation. They have been successful in handling some watershed management and other related issues on an individual basis such as reservoir system management, irrigation scheduling and risk management. So let us step forward to our development and use GIS to us full potential and a step towards betterment of our land of hopes – India by its technology.

**Key words:** Geographic Information Systems

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## **Land use and Land cover Change Detection Analysis of East Godavari District of Andra Pradesh**

Vibhesh Kumar Prasad, Prafulla Kumar Panda and Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110001@cutm.ac.in*

### **Abstract**

This study presents a comprehensive analysis of Land Use Land Cover (LULC) patterns in [Location], with the objective of understanding the current state of land use and land cover, identifying trends, and providing valuable insights for sustainable land management. A multi-temporal LULC map was generated using remote sensing data, and the analysis focused on [specific time periods, e.g., past decade, year-to-year changes]. The study categorized land use into various classes, such as residential, commercial, industrial, agricultural, forested, water bodies, and others. The analysis reveals the dominant land use types in the area, providing a clear picture of urbanization and natural landscape changes.

**Key words:** GIS, LULC

## **Soil Quality Assessment through GIS and Remote Sensing**

G. Vishwatma, N. Jahnavi, B. Roshitha, Uday Tharun, K. Baby Sarojini

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130192@cutm.ac.in*

### **Abstract**

Precise soil quality assessment is very crucial for designing sustainable agriculture policies, restoring degraded soils, carbon modelling and also in the improvement of environmental quality. Even though the consequences of soil quality reduction are often easily recognised this spatial extent of soil degradation is difficult to determine, because there is no universal equation or soil quality prediction model that could exist and fit in all the Eco regions. Moreover, existing soil carbon c (soc) models generate estimates with uncertainties that may exceed 50%. So, it is highly possible that drastic changes in the quality of the soil may occur in sites which are not identifiable on the existing maps. Soil quality can either be directly inferred from SOC concentration or also through the assessment of the soil physical chemical and biological properties. For the assessment of the spatial distribution of soc over large areas required the calibration and development of models obtained from the field or laboratory based techniques. Moreover mapping soc concentration in all types of soil is logistically very challenging by using the normal standard survey techniques the availability of new generations of remotely sensed data sets and geographical information system (GIS) models provides new opportunities for predicting soil properties and quality of different spatial scales. It discusses about the current approaches identifies gaps and purposes improvements in techniques for measuring soil quality within agriculture fields

**Key words:** geographical information system (GIS)

## **Sustainable Agriculture Practices and Monitoring with GIS**

Himanshu Bhanja, Ankita Aparajita, Biswa Ranjan, Karna,  
Challa, Anitha, P. Neeha, K. Sai Lakshmi

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130264@cutm.ac.in*

### **Abstract**

Providing the current population and future generations with an indefinite food supply is an economic, environmental and social concern. GIS technology enables community planners, economists, agronomists, and farmers to research and devise practices that will enable the sustainability of food production to ensure the survival of the human race. Whether implementing organic farming methods, finding the most profitable and healthy places to plant new crops, or allotting farmland for preservation to secure future food Production, GIS has the capabilities to collect, manage, analyse, report, and share vast amounts of agricultural data to aid in discovering and establishing sustainable agriculture practices. This assists them in making well-informed decisions that help reduce costs using responsible, sustainable practices. The server-based aspect of GIS allows sharing of important data across the globe. ArcGIS Mobile technology provides the means to access and collect agriculturally relevant data in the field for pest management, soil treatment, and weed abatement. ESRI's GIS technology is being used around the world to support sustainable planning for efficient farming practices. Sustainable development agencies use ESRI's GIS to predict drought condition monitor water resources, visualize remote-sensing data, model data from many sources, evaluate economic and environmental impact, share data and maps between agencies, comply with planning and reporting regulations, educate and advise communities via online services.

**Key words:** Geographic information system (GIS), Precision farming, USDA's Soil assessment data, NOAA's weather and climate data, Sustainable development, organic farming.

## **Urban Expansion of Maldah Town Using Geospatial Approach**

Abhinav Anand, Prafulla Kumar Panda and Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110021@cutm.ac.in*

### **Abstract**

Urban expansion, a phenomenon fuelled by population growth and economic development, is a critical issue in contemporary urban planning and management. Geographic Information Systems (GIS) play a pivotal role in understanding, monitoring, and mitigating the challenges associated with urban expansion. Urban expansion refers to the outward growth of cities, often at the expense of rural areas and natural landscapes. This expansion results from a complex interplay of factors, including demographic shifts, industrialization, and infrastructure development. GIS provides a powerful toolset to analyze and visualize these dynamics. GIS technology allows urban planners and policymakers to track the spatial distribution of urban growth. Through the analysis of historical data and the use of spatial models, GIS can predict future expansion patterns. In addition to planning, GIS also supports disaster management in rapidly growing urban areas. It enables the mapping of vulnerable zones, the assessment of risks, and the formulation of evacuation strategies. This becomes especially critical as urban expansion often encroaches on areas prone to natural disasters. Moreover, GIS empowers citizens by providing access to spatial information. Interactive maps and mobile applications enhance public engagement, enabling residents to voice concerns, participate in decision-making, and stay informed about the consequences of urban expansion. In conclusion, GIS serves as an indispensable tool for addressing the challenges posed by urban expansion. Its ability to analyze spatial data, model growth patterns, and engage communities is crucial in promoting sustainable and resilient urban development. With the continued use and advancement of GIS, cities can navigate the complex.

**Key words:** Resilient urban development, Vulnerable zones, Economic Development



## **Urban Heat Island Mapping of Saran District, Bihar**

Arun Kumar, Prafulla Kumar Panda and Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110003@cutm.ac.in*

### **Abstract**

Understand the impact of urban heat islands on human health and well-being, energy consumption, and air quality. Develop and implement strategies to mitigate urban heat islands, such as increasing green space, planting trees, and using cool roofing materials. Monitor the effectiveness of heat mitigation strategies over time. Heat Island (HI) mapping can be done using a variety of methods, including Remote sensing: Satellite and aerial imagery can be used to measure land surface temperature (LST) across a city. Ground-based measurements: Temperature sensors can be placed at different locations throughout a city to measure LST and other weather conditions. Computer modelling: Computer models can be used to simulate the urban heat island effect and predict how it may change in the future. These maps can be used by urban planners, policy makers, and the public to identify areas that are most vulnerable to the urban heat island effect and to develop strategies to mitigate it. Here are some specific examples of how UHI mapping can be used: To identify areas where vulnerable populations, such as the elderly and the homeless, are at greatest risk from heat stress. To prioritize heat mitigation efforts in areas with high levels of poverty and air pollution. To assess the impact of new development projects on the urban heat island effect. To track the effectiveness of heat mitigation strategies over time. UHI mapping is an important tool for understanding and addressing the urban heat island effect. By mapping urban heat islands, we can better understand their impact on our communities and develop strategies to mitigate them.

**Key words:** Urban Heat land, Land surface Temperature etc.

## **Urban Sprawl Analysis Using Geospatial Approach-A Case Study of Paralakhemundi Municipality, Odisha, India**

Vikrant Kumar, Priyanshu Kumar and Prafulla Kumar Panda

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110010@cutm.ac.in*

### **Abstract**

Urbanization is a dynamic set of process, responding to changing values and perceptions of intrinsic characteristics of rural versus urban areas. It is not a single process, although all are interrelated. The fundamental difference between urban and rural is that urban populations live in larger, denser and more heterogeneous cities as oppose to small, more sparse and less differentiated rural places. However, it is important to acknowledge that the criteria for defining what is urban may vary from place to place and country to country. Urbanization is an index of transformation from traditional rural economies to modern industrial one. It causes some changes in labour division and human behaviours. Urbanization is defined as an increase in the number of towns & urban population. It is the process that leads to the growth of towns due to industrialization & economic development. Paralakhemundi is a small town which is undeveloped facing so many problems like communication with other cities, drainage system, water supply, improper town planning, current, roads etc.

**Key words:** Urbanization

## **Water quality index mapping using Geospatial approach -A case study for Paralakhemundi municipality, Gajapati, Odisha**

M. Girija, Ragini Narayan, BYRI Laxman Rao and Prafulla Kumar Panda

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101111028@cutm.ac.in*

### **Abstract**

Water is vital to health, well-being, and food security and socioeconomic development of mankind. Therefore, the presence of contaminants in natural freshwater continues to be one of the most important environmental issues in many areas of the world, where a significant part of population is far away from potable water supply. Availability of good quality water will ensure the sustainability of socio-economic development. However, a large population in India still lives in absolute poverty in both urban and rural areas, lacking access to clean drinking water and basic sanitation. Water quality indices (WQI) are one of the most effective tools to give information on the quality of any Water body. WQI aims at giving a single value to the Water quality of a intercede reducing great of parameters into a simpler expression and enabling easy interpretation of monitoring data. The present papers focus on brief methodology for finding out water quality indices (WQI) and also assessing the suitability of water quality for drinking purposes using Geospatial Technology. The study of water quality during pre-monsoon gave relative information by which we can step forward to improve the quality of water using new technologies.

**Key words:** Water quality index, GIS, Ground water, Physiochemical parameter

## **Human Health Risk Assessment of Nitrate in Groundwater of Faridabad and Gurgaon Districts of National Capital Region, India**

S. Rabi Kumar Rao, Srimaya Mohapatra, Rukminiballabha Behera,  
Shiwani Priya, Prajnyashree Sahu

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 203001170009@cutm.ac.in*

### **Abstract**

This study utilized geospatial and statistical methods to assess the degree of nitrate contamination in groundwater quality in the National Capital Region (NCR) of India's Faridabad and Gurgaon districts, which have undergone significant urbanization and development in recent years. The study examined the levels of nitrates in the groundwater of these two districts and evaluated the potential health risks to individuals of different ages through the chronic daily intake, dermal absorbed dose, and hazard index (HI). Infants in the study area were found to be at a higher risk than adults and children due to escalating nitrate concentrations in groundwater, which can have a direct impact on human health. Nitrate concentration in groundwater was found to range from 0 to 96mg/L across the sites, with over 35 percent of the total sites considered hazardous for drinking purposes based on the WQI research. The results emphasize the importance of routine water quality monitoring and provide valuable information for water resource planning and management, particularly in NCR's industrial zones. The outcomes of this research may be used to create effective environmental management policies to enhance groundwater quality and ensure safe drinking water. Furthermore, the study highlights the significance of incorporating geospatial and statistical techniques in groundwater quality assessment, which can provide more accurate and precise information for decision-making.

**Key words:** - urbanization, geospatial and statistical method, WQI research



## **Statistical Analysis and Water Quality Index Development using GIS of Mathura City, Uttar Pradesh, India**

Sritishree Jena, Kalyani Mahanta, Bishnu Prasad Patra

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 203001170029@cutm.ac.in*

### **Abstract**

Water quality index is the most effective tool used to portray the quality of a water reservoir to be used in versatile areas by human beings in one way or the other. The same can be represented through mathematical equations by converting various water quality parameters into a single number. A total number of 45 samples were collected from hand pumps and the bank of Yamuna River during the post-monsoon season in December 2016. The order of major dominance of cations in groundwater is  $\text{Na Mg} > \text{Ca} > \text{K}$  and the anions is  $\text{Cl} > \text{HCO}_3 > \text{SO}_4 > \text{F}$ . In the present study, an attempt has been made to determine the WQI distribution by using GIS technique in Mathura city located in the state of Uttar Pradesh, India. To determine the cation and anion interactions in water samples of the study area, the Pearson correlation coefficient matrix has also been assessed. The obtained results indicate a strong correlation between TH and Cl with an R-value of 0.949 at a significance level (p) of 0.0. However, the chloride ion exhibited a better relationship with TDS, Mg and Na with a r-value of 0.815, 0.922 and 0.769, respectively, and with a significance level (p) of 0.0. The iso concentration distribution with the help of the inverse distance weight (IDW) method obtained from the results of various water quality index values of different locations has also been calculated. The present study will help portray the water quality of the study area in terms of bathing, drinking and other commercial purposes as the study area are a sacred place for Hindu devotees. The obtained results will help improve the water quality of the study area by using some suitable techniques.

**Key words:** Spatial Distribution Parameters, Water Quality Index



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

*Souvenir, International GIS Day 2023*



*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



Centurion  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

*Souvenir, International GIS Day 2023*



# REMOTE SENSING APPLICATION

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Satellite Image Classification with Vegetation Indices based Feature set using DEEP Hybrid Model**

Bhaktishree Nayak and Prafulla Kumar Panda

*GCE, Keonjhar*

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: bhaktishreenayak@gmail.com*

### **Abstract**

A variety of information about the ROI can be found in satellite images through multispectral and panchromatic elements. For several purposes, including mapping of vegetation and crop, accurate classification of satellite imagery is necessary. Hybrid classifiers, providing techniques to combine and integrate many classifiers, have proven significant efficiency in classification of satellite images in recent years. In the way, this conference attempts to propose a satellite image classification model. Initially, the satellite image is pre-processed by converting it to grayscale image and applying histogram to improve the edges of the image and the noise is removed in the image. Then the suitable vegetation index feature set is extracted from the pre-processed image, which includes EVI, NDVI, WDRVI and ENDVI. Finally, a hybrid model is proposed to classify the image, which is the combination of Improved CNN and LSTM that trained with the feature set. Finally, the performance of proposed work is validated over the conventional methods in terms of sensitivity, accuracy, specificity.

**Keywords** –Hybrid classifiers, EVI, NDVI, WDRVI and ENDVI



## **Spatio-temporal Meteorological Drought Mapping Over Thirteen Districts of Maharashtra**

Kundan Kumar and Prafulla Kumar Panda

*H.G Infra Engineering Ltd.*

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: kundankr18218@gmail.com*

### **Abstract**

When compared to the average water availability for a specific area and season, drought is defined as a moisture deficit. The most intricate yet least understood of all environmental dangers, drought is a sneaky danger from the natural world. The study focused on the 13 flood-affected districts of Maharashtra to understand the alteration in the drought phenomenon for future scenarios. Thousands of people have died for a long time due to drought in Maharashtra.

Spatial variation of drought from the Satellite view involved Landsat data collected from the United States Geological Survey (USGS web platform, during 1991–2021 in 5-year intervals. The dataset was analysed to build a yearly time series of the Normalized Difference Vegetation Index (NDVI), Normalized Difference Water Index (NDWI), Normalized Difference Moisture Index (NDMI), and Vegetative Condition Index (VCI). These raster indices have been analysed to study the spatial patterns of drought occurrence in this region.

Again drought analysis was implemented with precipitation & temperature grid level daily data from the India Meteorological Department. The dataset was implemented to estimate the Standardized Precipitation Index (SPI), Standardized Precipitation Evapotranspiration Index (SPEI), Standardized Anomaly Index (SAI), and Rainfall Anomaly Index (RAI). IDW Interpolation method was utilized to visualize maps of these meteorological indicators' temporal patterns of drought occurrence in the region. A comparative analysis of these spatial & temporal indicators has been done to analyse the pattern of drought occurrence over the last few years.

**Keywords:** Spatial variation, United States Geological Survey (USGS)

## **Planning Catchment Area Treatment for Reservoir by using Remote Sensing and GIS**

Sakshi Sangle, Divya Barku Chavan

*MVP's KBT College of Engineering Nashik  
Corresponding Author: sanglesakshi2002@gmail.com*

### **Abstract**

Effective catchment area treatment is paramount for maintaining the water quality and sustainability of reservoirs. This abstract outline a comprehensive approach to planning catchment area treatment for reservoirs, with a focus on environmental conservation and long-term resource management. The study integrates various strategies, including afforestation, erosion control, and water quality monitoring, to mitigate the adverse impacts of urbanization, agriculture, and industrial activities in the catchment area. By employing advanced geographic information system (GIS) technology and data analysis techniques, this research aims to identify high-risk zones and prioritize interventions. The proposed strategies not only ensure a continuous supply of clean water but also promote ecological balance within the catchment area. Furthermore, community engagement and stakeholder collaboration are emphasized to create a sustainable management framework that addresses the complex challenges associated with catchment area treatment. This research offers valuable insights into the development of adaptive management plans for reservoirs, fostering resilience and environmental stewardship in the face of evolving land-use patterns and climate change.

**Keywords:** geographic information system (GIS) technology, land-use patterns and climate change

## **Assessment of Flash Flood Vulnerabilities in Teesta River Basin using Remote Sensing and GIS**

Rosali Dalai, Chitaranjan Dalai, Prativa Nada

*Odisha University of Technology and Research, Bhubaneswar*

*Corresponding Author: rosalince@outr.ac.in*

### **Abstract**

Flash floods pose a significant threat to the vulnerable zones of Teesta River Basin, India, necessitating a comprehensive risk assessment and mapping approach for effective disaster management. This study utilizes remote sensing and GIS-based analysis to identify and map the regions prone to flash floods. Flash flood is an interface dynamic between geo-terrain system. The present study integrates various data sets, including historical rainfall patterns, digital elevation models, hydrological parameters, Landsat8 OLI/TIRS, Sentinel 2A satellite images, and land use/land cover data, to evaluate the susceptibility of the area. Through detailed analysis and overlay techniques in the GIS environment, critical areas at risk of flash floods are delineated, considering the terrain morphology, drainage patterns, and human interventions. Based on the Flood inventory in conjunction with field diagnosis of recent flood events, 63% of basins are classified as high to very flash flood risk areas, 28% as medium and only 9% as low risk. The accuracy of the model was determined by using flood inventory data and field diagnosis of recent floods. The study not only emphasizes the identification of vulnerable zones but also provides insights into the spatial distribution and severity of the risks involved. Findings from the research facilitate the development of strategic frameworks for mitigation and preparedness, aiming to minimize the potential impact of flash floods. The results serve as a crucial foundation for policymakers and local authorities to implement targeted interventions and enhance the region's resilience to these natural hazards.

**Keywords:** vulnerable zones, risk assessment, mapping approach, geo-terrain system

## **Flood frequency and duration based integrated model for flood risk assessment: A case study along the Pondicherry- Sirkazhi transect, East coast of Tamil Nadu, India**

Sakthi Kiran. D. R, Linda Theres B

*SASTRA deemed to be University*

*Corresponding Author: d.r.sakthikiran@sastra.ac.in*

### **Abstract**

SAR images using the classification and regression tree (CART) classifier. The study utilized a set of eight SAR images to investigate the persistence and temporal evolution of flooding in the study area over a period of 49 days in 2015. Additionally, the recurrence of flooding in the same region was examined through the analysis of multi-temporal datasets for the years 2015, 2018, and 2019. The classification of flood-risk zones based on frequency and duration of flooding yielded an accuracy 0.87. In contrast, the integrated model scores 0.96 in all matrices. The hybrid integrated analysis has provided a unique perspective on the research area's intricate flooding system. The southern part of the study area is the most at risk, followed by the central and northern parts. The proposed model authorizes a frequency-duration-based approach for demarcating flood risk zones.

**Keywords:** regression tree, SAR images, demarcating flooding

## **Drone Camera-Based GIS Imagery Towards Plant Monitoring in Sweetcorn-Green Gram Cropping System in Alfisols of Odisha**

Manisha Rout, Debasish Rout, Pritam Ghosh, S.N. Jena

*Visva-Bharati University, West Bengal*

*Corresponding Author: manisha.rout55@gmail.com*

### **Abstract**

A field research was taken during the rabi and summer seasons of 2021-22 and 2022-23 in Alfisols of Odisha state, India to study the effect of planting pattern and ecological weed management practices under sweetcorn-green gram cropping sequence in Alfisols of Odisha, India. The research was laid in split plot design with three replications. The main-plot factor comprised of three crop geometries with different row spacing in rabi sweetcorn (P1: 40cm x 20cm, P2: 50cm x 20cm and P3: 60cm x 20cm). The sub-plot treatments included six different weed management practices (W1: Live mulch with cowpea up to flowering initiation (30-35 DAS), W2: Live mulch with cowpea up to 1st plucking (45-50 DAS), W3: Pendimethalin @ 0.75 kg a.i./ ha as Pre-emergence, W4: Farmers' practice (hoeing and earthing up at 20 DAS), W5: Weed free check and W6: Weedy check) imposed on rabi sweetcorn in both the years. Observations based on drone camera based GIS imagery were taken to monitor the crops and weeds growth and tallied with ground proofing data which were at par. Hence, drone camera based GIS imagery can be a feasible and economical approach for farmers to monitor crop growth and weed management.

**Keywords:** cropping, crop geometries, weed management



## **Assessing Iron Ore Deposits in Keonjhar District Odisha, India: Utilizing EO-1 Remote Sensing Techniques for Accurate Detection and Monitoring**

Smruti Rekha Sahoo and Deepika Patra

*Department of Geology, Fakir Mohan University, Balasore – 75608*

*Corresponding Author: srsahoo.geol@gmail.com*

### **Abstract**

In current years, Remote Sensing and GIS can be used as powerful exploratory tools in the preliminary stages of mineral exploration techniques and also digital image processing have enabled use of Spectral bands with distinctive spatial/spectral statistics for estimation of mineral identification and exploration. This combines imaging and spectroscopy in a single system which often includes large data sets and require new processing methods. The hyperspectral image needs to be processed with the steps such as Bad line removal, radiometric correction, atmospheric correction using FLAASH module. The spectral classification is done by the Spectral Angle Mapper classification (SAM) according to the given steps: i) Spectral reduction by Minimum Noise Fraction (MNF), ii) Spatial reduction by the Pixel Purity Index (PPI) and iii) Manual identification of the end members using the N-Dimensional Visualizer (N-D Visualizer). The results of the spectral matching technique indicate the accurate sites for the discrimination of iron ore minerals by the Hyperion data. The present research focuses on the iron ore detection using these techniques related to Hyperion image (EO-1) of part of the northern part of Keonjhar, Odisha, India. The fusion of Remote Sensing, Spectral analysis and advanced image processing techniques has greatly improved our ability to identify and explore mineral resources, making the process more efficient, cost-effective and environmentally friendly and most of the data required are open source.

**Keywords:** Remote Sensing, Hyperspectral, Mineral Mapping

## **Agroforestry Planning & Monitoring with Remote Sensing**

Kali Prasad Sahu, Killo.sharmini, Kirti Ranjan Pradhan

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: 210804130263@cutm.ac.in*

### **Abstract**

Agroforestry, a sustainable land management technique, has the ability to improve food security, protect natural resources, and slow down climate change. Agroforestry systems require careful planning and monitoring, and remote sensing technology has proven to be an invaluable help in these endeavours. To maximize resource utilization and productivity, agroforestry planning entails the strategic selection of tree species, their geographical arrangement, and their integration with crops or animals. In this phase, remote sensing plays a crucial role by giving important information on land cover, soil properties, and weather conditions, frequently using satellite pictures and airborne drones. This knowledge aids agroforestry professionals in making knowledgeable choices on the selection and placement of tree species. Today, remote sensing is heavily utilized in forest management, which is acquired from air borne and space borne platforms using satellite data. In comparison with traditional aerial photography, satellite imagery has many advantages such as the frequency of data collection, global availability of satellite data, data suitability for digital analysis and classification, and data gathering at relatively low cost. The new generations of satellite sensors are introduced not only to provide important information on forest ecosystems but also to improve the techniques and accuracies obtained by the traditional approaches. In recent years, there have been rapid advances in the new types of sensors. They have the potential to improve the accuracy in classification of forest types and species discrimination. In addition, the systems were reported to contribute to improving the estimations of forest variables such as forest biomass, stand volume, stand age and carbon stocks by linking the spectral reflectance and ground information via predictive models.

**Keywords:** Agroforestry, endeavour, satellite data, sensors, spectral reflectance

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Crop Health Monitoring with Satellite Imagery**

M. S. Pooja, Tridev Pradhan, G. Bhanu Chandra Vara Prasad,  
P. R. Poornima, K. Bhavyasree

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130289@cutm.ac.in*

### **Abstract**

Crop health monitoring is a vital component of modern agriculture, aiding in the optimization of crop yield, resource management, and sustainable farming practices. This abstract delves into the key aspects of crop health monitoring using satellite imagery. Satellite-based crop health monitoring involves the acquisition of high-resolution satellite images at regular intervals throughout the growing season. These images capture critical information about crop conditions, including vegetation health, moisture levels, and stress indicators. The data collected from satellite imagery is processed using advanced remote sensing techniques and machine learning algorithms. This processing enables the generation of various vegetation indices, with the Normalized Difference Vegetation Index (NDVI) being a prominent example. NDVI provides valuable insights into the overall health and vitality of crops by quantifying the density of healthy vegetation. The key advantages of using satellite imagery for crop health monitoring include: Its ability to cover vast agricultural areas, cost-effectiveness, and the provision of real-time or near-real-time data. This information empowers farmers, agronomists, and agricultural stakeholders to make data-driven decisions. Crop health monitoring with satellite imagery is a promising and transformative approach to improve crop management practices. It enhances agricultural productivity, supports sustainable farming, and aids in mitigating environmental challenges. The integration of satellite technology with agriculture is ushering in a new era of data-driven decision-making, revolutionizing the way we monitor and manage crop health, and ensuring food security for a growing global population.

**Keywords:** Crop health monitoring; Satellite technology; Normalized Difference Vegetation Index; Data-driven decision-making

## **Drought Assessment by using Geographic Information Systems and Remote Sensing**

M. Bapiraju, Varada, Siva Keerthi, Mahesh Kunuku

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130266@cutm.ac.in*

### **Abstract**

Drought is a natural disaster as a climatic phenomenon which is defined as water scarcity and has some impacts on environment, living conditions of society, yield variability, agriculture, vegetation and economy. As drought is one of the problems caused by global warming and climate change, analysis of drought risk is of vital importance for both today and future generations. Drought monitoring and drought risk assessment are the areas of interest for researchers to find solutions for environmental problems caused by drought impact. The use of geospatial information technology to support field surveys and assessments is a preferred method by various researchers in drought management. Major categories on drought have been classified as meteorological, agricultural, hydrological and socio-economic drought. In recent researches, types of droughts have been considered and evaluated in regional or country scales. In the study conducted, meteorological drought in Gediz Basin in Turkey was investigated. Liu et al. (2016) investigated feasibility of standardized stream index in Southwest China, temporal variations of drought indices were evaluated and drought assessment on the study site was presented. Paudel et al. (2021) studied agricultural drought risk of Tanahun district in Nepal. They prepared drought risk map of the study area, drought risk five risk classes were also determined (Paudel et al., 2021). The objective of this study is to present a literature review on the use of Remote Sensing (RS) and Geographic Information System (GIS) on drought assessment to support future drought related researches and works.

**Keywords:** Drought Risk Map, Scarcity, Drought Risk Assessment

## **Drought Prediction and Management using Geospatial Technology**

Atluri Yashwanth Reddy, Venkata Guna Sai. P, Subhankar Mandal

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130197@gmail.com*

### **Abstract**

Drought is one of the natural disasters that has effects on water resources, socio-economic factors and environmental conditions on earth. Evaluation of drought hazard areas and drought risk mapping contribute management strategies and developments of natural resources. This scarcity of water affects both surface water and ground water. The use of geospatial information technology in monitoring and assessments of drought phenomenon provide estimations of drought prone areas, and prediction results can be considered in climate change adaptation works studies have been carried out on drought risk assessment, drought monitoring, drought impacts or drought analysis in many countries around the world Monitoring, predicting and evaluating the effects of such natural disasters at all levels is possible with the use of geospatial technology. Recent advancements in remote sensing and GIS techniques enable quick and extensive monitoring and mapping of drought occurrence and recurrence in a locality Remote Sensing (RS) technology provides to monitor and collect information without any physical contact on the earth using satellites, ETC and has a wide application area in many disciplines concerning natural resources and events. RS has advantages of providing to get data and information from hard-to-reach areas due to physical conditions. RS has benefits with time saving and labour-saving abilities on monitoring disasters and environmental events, also supports decision-makers for disaster management strategies and application schedules. GIS environment provides to visualize distribution of various parameters from one location to another using interpolation methods and also to evaluate temporal changes of historical data. RS and GIS provides evaluation of drought characterization and drought impacts on water resources and environmental issues.

**Keywords:** Drought, Hydrological and Climatologically Factors, Remote Sensing

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## **Land Use and Land Cover Change Detection Study using Space Input and GIS - A Case Study for Gajapati District, Odisha**

Sahil Sah, Prafulla Kumar Panda, Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 200101110007@cutm.ac.in*

### **Abstract**

Land is one of the important natural resources. A cities growth is measured not only by population but its spatial dimension. The growth of rural areas has resulted in sharp land use and land cover changes. In recent years, the significance of spatial data technologies, especially the application of remotely sensed and geographical information systems (GIS) has been widely used. The present study investigates the land use and land cover of Gajapati district, Odisha using Landsat satellite images for the year 2000, 2010& 2022. Supervised classification method is used to classify the different classes under the study area. The current study mainly focuses on built-up area in Gajapati district which reveals its expansion by more than fifty percent over the study period. A significant decrease was observed in vegetation areas, agricultural land and open fields of about thirty-eight and thirteen percent respectively.

**Keywords:** Satellite Images, Built-Up Area, Spatial Data Technologies

## **Land use/ Land cover Change Detection Analysis Using Remote sensing and GIS**

Sonu Kumar, Omkar Behera, Prafulla Kumar Panda, Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210101110024@cutm.ac.in*

### **Abstract**

Remote sensing applications in geology are crucial to land covers, bedrock, and mapping. Topography studies land's surface configuration and the effects on land use and cover. Geographic Information Systems and remote sensing techniques check for aspects like altitude, elevation, and slopes in topography. To assess the current land use situation and the possibility of modelling possible future changes associated with complex of adopted measures GIS allows the integration of diverse spatial data, for example, data about soils, climate, vegetation, and other and also to visualize available information in the form of maps.

**Keywords:** Geology, Remote Sensing Applications, Topography, Remote Sensing Techniques

## **Landslide Hazard Zonation using GIS and Remote sensing on Manipur west Imphal**

Sudhanshu Kumar, Santosh Kumar, Prafulla Kumar Panda, Madan Mohan Rout

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 200101110002@cutm.ac.in*

### **Abstract**

The Landslide Hazard Zonation Using GIS and Remote sensing on Manipur west Imphal is carried out to identify the landslide vulnerable zones along the National Highways of Manipur that are severely affected by the frequent landslide hazards during every rainy season. The objective of this study is to prepare a Landslide Hazards Zonation (LHZ) map and a Landslide Hazard Management (LHM) map using Remote sensing data and GIS techniques. The study is carried out within 2 km buffer along both sides of the Highways. In the study, datasets consisting of fourteen parameters have been generated in GIS platform from the topographic maps, satellite imageries, field visits and available published maps have been used to extract relevant information for the preparation of LHZ and LHM maps. The LHZ maps depicts the whole area as severe, very high, high, moderate, low and very low landslide hazard zones.

**Keywords:** Landslide Hazard Zonation (LHZ), Landslide Hazard Management (LHM), Natural Forest Loss Mapping using innovative trend analysis of KBK district.

## **Precession farming using GIS and Remote Sensing**

Sougata Sarkar, Bysani Ganesh

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130187@cutm.ac.in*

### **Abstract**

Precision farming (PF) refers to the use of geographical information to determine field variability, ensure optimal use of inputs and maximize the output from a farm (yield). Precision farming gained popularity after the realization that diverse fields of land hold different properties. Large tracts of land usually have spatial variations of soils types, moisture content, nutrient availability and so on. Therefore, with the use of remote sensing (RS), geographical information systems (GIS) and global positioning systems (GPS), farmers can more precisely determine what inputs to put exactly where and in what quantities. This information helps farmers to effectively use expensive resources such as fertilizers, pesticides and herbicides, and more efficiently use water resources. In the end, farmers who use this method would not only maximize their yields but also reduce their operating expenses, thus increasing their profits. This seminar addresses then, the use of geo-spatial technologies in precision farming, focusing on how geo-spatial data is collected, analyzed and used in the decision making process to maximize on yields Remote Sensing, Geographic Information Systems (GIS), and Global Positioning Systems (GPS) may provide technologies needed for farmers to maximize the economic and environmental benefits of precision farming. However, most farmers do not have the skills to utilize these technologies effectively. Precision farming has several advantages, but it can make farm planning and management both easier and more complex. What is perhaps the most important for the success of precision farming, at least initially, is the increased knowledge that a farmer needs of his natural resources in the field. This includes a better understanding of soil types, hydrology, microclimates and aerial photography.

**Keywords:** Global Positioning Systems, geo-spatial data, aerial photography

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Satellite Based - Crop Insurance and Risk Assessment**

Devani Yemima, Saptarshi Panda, Ankit Kumar Padhan, Suman Sarkar

*Centurion University of Technology and Management, Odisha*

*\*Corresponding author: 210804130268@cutm.ac.in*

### **Abstract**

Satellite-based crop insurance and risk assessment represent a transformative approach to agriculture that leverages cutting-edge technology to address the challenges faced by farmers. At its core, satellite-based crop insurance relies on the continuous monitoring of crop fields from space. Satellites equipped with advanced sensors capture a wealth of data, including crop health indicators, weather patterns, soil moisture levels, and pest infestations. This data is then processed and analysed to assess the health and potential risks associated with specific crops. One of the key advantages of this system is its ability to offer a non-invasive and real-time assessment of crop conditions. Satellite-based assessment is more efficient, as it provides an accurate and up-to-date snapshot of crop health without the need for physical field visits. Furthermore, the technology allows for a more equitable insurance system. By eliminating the need for farmers to self-report losses or endure the complexities of on-site assessments, satellite-based crop insurance reduces the potential for fraudulent claims and streamlines the compensation process. Risk assessment in this context is also greatly improved. Historical satellite data, combined with advanced predictive algorithms, can identify trends and patterns that indicate the likelihood of crop failure due to factors like adverse weather conditions or disease outbreaks. This proactive risk assessment enables farmers to take timely measures to mitigate potential losses. In summary, satellite-based crop insurance and risk assessment represent a forward-looking approach to agricultural risk management. By harnessing the capabilities of satellite technology and data analytics, this system provides farmers with more accurate, efficient, and equitable insurance coverage while offering proactive risk assessment.

**Keywords:** Risk Assessment, Crop Insurance

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## **Crop Health Monitoring through NDVI Analysis of Sentinel 2 Images using QGIS**

Tadiboina Gopala Krishna, Sagar Maitra, Sairam Masina,  
Lalichetti Sagar and Upasana Sahoo

*Department of Agronomy, Centurion University of Technology and Management, Odisha, India-761211*

### **Abstract**

Effective monitoring of crop health is of utmost importance in ensuring successful agricultural practices and making informed decisions. The Normalized Difference Vegetation Index (NDVI) has emerged as a reliable metric for assessing and quantifying the health of agricultural crops. By utilizing remote sensing techniques, specifically through the use of Sentinel 2 captured multispectral images, the monitoring of large agricultural areas as a whole becomes a more feasible and efficient option. To analyze and interpret these multispectral images, the QGIS software offers a valuable toolset. By utilizing the raster calculator within QGIS, NDVI maps can be generated, providing a visual representation of crop health across different locations within the monitored area. This enables farmers and agriculture professionals to identify areas of potential crop stress, indicated by lower NDVI values. Such information is crucial in the scheduling and implementation of appropriate input management strategies, aimed at maximizing crop yield and minimizing losses. This paper aims to highlight the significance of NDVI in agriculture and its wide range of potential applications. It emphasizes the crucial role remote sensing plays in capturing accurate and comprehensive data about crop health. By leveraging the capabilities of remote sensing techniques and advanced software tools like QGIS, the agricultural community can achieve sustainable crop management practices, leading to increased productivity and overall farm profitability.

**Keywords:** NDVI, QGIS, Sentinel 2, Crop health, SCP plugin



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

*Souvenir, International GIS Day 2023*



*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

*Souvenir, International GIS Day 2023*



# AI & ML

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Identification of Crop Type using Machine Learning Algorithms and Sentinel-2 Data with Focus on Field Level Information**

U. P.Potekar and A. B.Doke

*Prof. Ramakrishna More Arts, Commerce & Science College, Akurdi, Pune*

*Baburaoji Gholap College, Sangavi, Pune*

*Corresponding Author: adokesir@gmail.com*

### **Abstract**

Mapping the spatial distribution of different crops and predicting yields is help in making decision for crop insurance claims, crop management and food security. Over last three decades remote sensing technique have been widely used for crop monitoring and Management. In this study attempt was made for identification of crops and acreage mapping using sentinel-2A data and ground truth points of different crops by using machine learning algorithms. These polygons used as training sample for the classification. All classification done in the R-Studio open-source Software. This study is done in Rodal bandi village in Mudgal tehsil and Raichur district of Karnataka to assessing capability of machine learning classifiers Random Forest, K-Nearest neighbours and Gradient Boosting Machine algorithm. Results were identified Jowar, Paddy, Bengal-gram and Other Crop in rabi season at field level. Results were validated with the ground truth data and official data. Random forest classifier got the highest Accuracy i.e., Kappa Accuracy 0.95 and Producer Accuracy 0.93, K-Nearest neighbours accuracy Kappa Accuracy is 0.91 and Producer Accuracy 0.88, Gradient Boosting algorithm Kappa Accuracy 0.90 and Producer Accuracy 0.86. Key findings of this study, In Random Forest algorithm Jowar crop got good user Accuracy i.e., 0.96. In K-Nearest Neighbours Paddy crop Producer accuracy is highest i.e., 0.92. In Gradient Boosting Algorithm Jowar and Paddy crop accuracy is 0.93 and 0.90 respectively. Output of study useful for Agricultural Crop Management, Cropping Pattern study, Yield prediction, Agriculture policy making and Food Security.

**Keywords:** Machine Learning Algorithms, Sentinel-2, Cropping Pattern, Ground Truths, Karnataka State.

## **Artificial Intelligence**

M. Lokesh Yadav, Alan Turing, Marvin Minsky, Allen Newell, Herbert A, John McCarthy

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: 210804130229@cutm.ac.in*

### **Abstract**

Artificial Intelligence refers to the intelligence of machines. This is in contrast to the natural intelligence of humans and animals. With Artificial Intelligence, machines perform functions such as learning, planning, reasoning and problem-solving. Most noteworthy, Artificial Intelligence is the simulation of human intelligence by machines. It is probably the fastest-growing development in the World of technology and innovation. Furthermore, many experts believe AI could solve major challenges and crisis situations. Types of artificial intelligence are 1. Reactive machines 2. Limited memory 3. Theory of mind 4. Self-awareness. First of all, AI has significant use in healthcare. Companies are trying to develop technologies for quick diagnosis. Artificial Intelligence would efficiently operate on patients without human supervision. Such technological surgeries are already taking place. Another excellent healthcare technology is IBM Watson. Artificial Intelligence in business would significantly save time and effort. There is an application of robotic automation to human business tasks. Furthermore, Machine learning algorithms help in better serving customers. Chat bots provide immediate response and service to customers. AI can certainly make education more efficient. AI technology can discover the needs of students. Then it can adapt according to their needs. AI tutors provide study help to students. Also, AI can automate grading which results in saving a lot of time.

**Keywords:** AI, Human Intelligence, Machine Learning, ChatBots



## **Artificial Intelligence Assisted Automatic Vehicle Inspection System**

Konga Upendar

*Centurion University of Technology and Management, Odisha  
Corresponding Author: [konga.upendar@cutm.ac.in](mailto:konga.upendar@cutm.ac.in)*

### **Abstract**

Automatic vehicle damage detection using deep learning is indeed a valuable and innovative application that offers several benefits in the insurance business and the automotive industry. Overall, the adoption of deep learning for vehicle damage detection is a significant advancement in the insurance industry. It streamlines the claims process, enhances accuracy, and improves customer satisfaction; all while helping insurers manage their costs and reduce fraud. This technology is likely to become an industry standard as more insurers recognize its benefits. Car Damage Detection (CarDD) is the first public large-scale dataset for vision-based car damage detection and segmentation. It consists of 4,000 high-resolution car damage images with six damage categories. The dataset was annotated using Rob flow annotation software. The deep learning model called YOLOv7 object detection was trained on these datasets of six damage categories. The model was trained using Google Colab online GPU computing units. The YOLOv7 object detection model performance was tested at different batch sizes and epochs. YOLOv7 outperformed with maps of 86.48% and Precision, Recall, and F1-Score of 88.54%, 83.66% and 86.03%, respectively. The developed model was deployed on Raspberry Pi 4 microcontroller. A Logitech webcam of 640\*480 pixel image resolution was connected to microcontroller and tested model performance in real time. The processing capability of microcontroller was found to be two frames per second.

**Keywords:** Automatic Vehicle, Microcontroller, Roboflow Annotation Software, GPU

## **Crop Yield Prediction with Machine Learning and Remote Sensing**

G. Sai Meghana, Kadraka Rajeswari, Bodrothu Deepika,  
D. Dharma Teja

*Centurion University of Technology and Management, Odisha*  
*Corresponding author: 210804130272@cutm.ac.in*

### **Abstract**

Finding acceptable applicants for a vacant job might be a difficult process, especially when there are many prospects. The manual process of screening resumes could stymie the team's efforts to locate the right individual at the right moment. The laborious screening may be greatly aided by an automated technique for screening and ranking applicants. In our work, the top applicants might be rated using content-based suggestion, which uses cosine similarity to find the curriculum vitae that are the most comparable to the job description supplied and KNN algorithm is used to pick and rank Curriculum Vitaes (CV) based on job descriptions in huge quantities. Experimental results indicate the performance of the proposed system as an average text parsing accuracy of 85% and a ranking accuracy of 92%.

**Keywords:** Automated technique, KNN algorithm, performance

## **Deep learning Based Crop Disease Detection using Images for Agricultural Applications**

Bendi Naveen Kumar

*Centurion University of Technology and Management, Odisha*

*Corresponding author: 210101121250@cutm.ac.in*

### **Abstract**

The agricultural sector plays a key role in supplying quality food and makes the greatest contribution to growing economies and populations. Plant disease may cause significant losses in food production and eradicate diversity in species. Early diagnosis of plant diseases using automatic detection techniques can enhance the quality of food production and minimize economic losses. In recent years, deep learning has brought tremendous improvements in the recognition of image classification and object detection systems. Hence, in this paper, convolution neural network (CNN) based pre-trained models were employed for efficient plant disease identification. The hyper parameters tuning of popular pre-trained models, such as VGG16 and ResNet15 were carried out using the popular Plant Village dataset, which has 54,305 image samples of different plant disease species. The total number of classes of dataset is 38. The performance of the model was evaluated through classification accuracy, sensitivity, specificity, and F1 score. The experiments proved that ResNet-50 and VGG-16 achieved 92.34 and 89.60% classification accuracy. The developed model can be easily deployed on cloud or edge devices or mobile phones and hence, real time decision making is possible for automatic disease detection.

**Keywords:** Agriculture, Disease detection, Deep learning, VGG16, ResNet15, Plant Village.

## **Pest and Disease Detection in Crops using Remote Sensing Data**

M. Vensuha, Soumya Ranjan Satpathy, Pritam Jana, K. Naga Rama Ganesh Varma,  
Punuri Bhanu Prakash, Karanam Yogesh Kumar

*Centurion University of Technology and Management, Odisha*  
*Corresponding author: 210804130213@cutm.ac.in*

### **Abstract**

Global climate change and expanding trade networks have increased the threat of crop diseases and pests, jeopardizing crop quality, yield, and food safety in agriculture. Various systems, including visible and near-infrared spectral sensors, fluorescence and thermal sensors, synthetic aperture radar, and LiDAR, have been used to combat this challenge. Hyperspectral remote sensing stands out for its ability to quickly, non-destructively, and accurately gather data about diseases and pests. Covering a spectral range of 350 to 2500 nm with narrow spectral resolutions of less than 10 nm, hyperspectral technology excels in identifying diseases, monitoring dynamic disease processes, and detecting issues during latent periods. This review explains the fundamental principles of hyperspectral remote sensing and its applications in monitoring crop diseases and pests. It focuses on four main research directions: disease and pest identification, classifying different diseases and pests, quantitatively assessing severity, and early asymptomatic detection. The review also discusses recent technological advancements and research progress. Challenges include the need for standardized spectral libraries, improved satellite hyperspectral sensors, and integrated monitoring platforms. It aims to reduce the environmental impact of chemical pesticides and economic losses due to pests. Aircraft- and satellite-based remote sensing technologies show potential in pest control, weed detection, monitoring locust species distribution, and early detection of mite infestations in cotton fields. Overall, remote sensing plays a critical role in rapidly and accurately predicting target pests, ultimately reducing damage and management costs in agriculture.

**Keywords:** hyperspectral remote sensing, pests, non-destructively, sensors, global agriculture

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Pest Insect Detective of Crop through GIS**

Debasis Patra

*Centurion University of Technology and Management, Odisha*

*Corresponding author: 210804130257@cutm.ac.in*

### **Abstract**

Rural bug bothers cause crop yield misfortune which brings about awkwardness between the food interest of total populace furthermore, the worldwide farming result. Bug control can be more productive in the event that it becomes conceivable to distinguish the current status of irritation opportune and make a move right away. In such manner, application of Geographic Data Framework (GIS) has added another aspect for bother the executives. This audit paper zeroed in on the ramifications of GIS innovation in bug the executives by working with choices making process ideal preparation and getting unique data in numerous particular regions; like checking appropriate territory, foliage harm record, populace conveyance variety and movement of bug bothers at various perspectives. GIS maps, created by utilizing manual and somewhat detected information with the assistance of different equipment and programming, have worked with anticipating and early admonition of bug flare-ups and their populace variety. Along these lines, that it can help scientists what's more, ranchers to take appropriate administration arranging and choices, similar to when and how might they take the board what's more, control techniques against any bug irritation to save rural fields from bother assault or flare-up. Later progressions in the field of farming by utilizing GIS innovation have given adequate extension in farming for bother checking, identification and opportune the board with high accuracy and precision.

**Keywords:** Rural Bug, Crop Yield, Administration, Flare-Up



## **Real Time Deep Learning Based Maize Crop and Weed Detection for Target Spraying**

Nelakurthi Buchireddy, Karunya Jhansi Behara, Upendar Konga

*Centurion University of Technology and Management, Odisha*

*Corresponding author: 203001170023@cutm.ac.in*

### **Abstract**

Losses due to weeds in agriculture, exacerbated by labor shortages, can be a significant challenge for farmers. Weeds compete with crops for resources such as water, nutrients, and sunlight, leading to reduced crop yields. Manual weeding is clean but time-consuming operation. With advancement of artificial intelligence, several deep learning models are employed in agriculture for image classification, object detection and image segmentation. Weed detection using a computer vision approach involves the use of image processing techniques to identify and differentiate weeds from crops in agricultural fields. This is an important task in precision agriculture to improve crop yield and reduce the use of herbicides. The state-of-the-art deep learning, object detection models SSD, Faster RCNN, YOLOv4, YOLOv5 and YOLOv7 were developed for maize crop and weed detection. The selected model's performance was tested on collected dataset at different epochs and batch sizes. In maize crop and weed detection, YOLOv7 outperformed other models with map of 89.48% and Precision, Recall, and F1-Score of 87.54%, 84.66% and 83.03%, respectively. The developed model can be easily deployed on edge devices and mounted on any prime mover, so that real time weed detection and site-specific herbicide is achieved.

**Keywords:** Deep learning models, Herbicides

## **Cancer Assistant**

Biswajeet Behera, Khagendra Samal, Harisankar Patra

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: biswajeetbehera.off@gmail.com*

### **Abstract**

Cancer Assistant is an innovative AI application designed to empower cancer patients by providing them with a comprehensive platform to manage their health and connect seamlessly with their healthcare providers. In today's world, the challenges posed by cancer have reached alarming proportions, with the disease affecting an increasing number of individuals worldwide. The current global cancer burden, with a rising incidence rate and prevalence, underscores the urgency of addressing this issue. The application equips cancer patients with the tools to access and monitor their health reports, enabling them to stay informed about their medical condition and take a proactive role in their care. Additionally, it facilitates secure video meetings, reducing the barriers to essential doctor-patient interactions. The core functionality of Cancer Assistant revolves around its AI-driven health tracking system. Our advanced AI assistant meticulously monitors patients' health status on a weekly basis, offering personalized insights and recommendations tailored to their specific needs. By leveraging predictive analytics, the application forecasts potential health issues, enabling proactive healthcare management. Moreover, Cancer Assistant goes beyond conventional healthcare apps by offering daily health tips, encouraging patients to adopt healthier lifestyle choices. These tailored suggestions aim to enhance overall well-being, thereby contributing to a more holistic approach to cancer care.

**Keywords:** Health tracking system, Cancer Assistant

## **Automatic Summary Generation with Text and Image**

Mrithik Raj, Rish Vinod, Anjali Singh, Gembali Shivani, Malla Mrudhula

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210101120147@cutm.ac.in*

### **Abstract**

The rapid proliferation of digital information in today's age has led to an overwhelming volume of data across various media formats, including text and images. Navigating and extracting meaningful insights from this deluge of information has become a significant challenge for individuals and organizations alike. In response to this challenge, the field of Automatic Summary Generation with Image and Text has emerged as a critical area of research and development. These summaries serve as condensed representations of the underlying content, providing users with a quick and comprehensive understanding of the material at hand. Key to the success of this technology is the ability to seamlessly integrate information from diverse sources. These extracted features are then harmoniously combined to form a cohesive summary that encompasses both the textual and visual aspects of the content. Applications of Automatic Summary Generation with Image and Text are wide-ranging and impactful. In journalism and media, this technology enables the rapid creation of news digests that incorporate images, enhancing the accessibility and engagement of news articles. Additionally, in industries reliant on data-driven decision-making, such as market research and competitive analysis, this technology streamlines the process of extracting actionable insights from a multitude of reports and presentations. In conclusion, Automatic Summary Generation with Image and Text represents a pivotal advancement in the realm of information processing. By harnessing the power of both textual and visual content, this technology empowers individuals and organizations to efficiently distil complex information into clear and digestible summaries, revolutionizing the way we interact with and derive value from the vast sea of digital content.

**Keywords:** Textual data, Digital information, Journalism and Media

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Automatic Short Answer Questions Generation using Blooms Taxonomy**

Somahanty Laya, M. Syamala, Reshmi Polaki

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210101120124@cutm.ac.in*

### **Abstract**

In the realm of education, the design of effective assessment tools is crucial for evaluating students' understanding and promoting meaningful learning experiences. This study explores the integration of Bloom's Taxonomy, a well-established educational framework, into the process of automated short answer question generation. By leveraging advancements in natural language processing and machine learning techniques, this research aims to streamline the question generation process, ensuring alignment with Bloom's Taxonomy cognitive levels. The proposed automation framework seeks to enhance the efficiency of educators and educational technology platforms, allowing for the creation of diverse and challenging short answer questions that cater to various cognitive skills. Through a systematic analysis of educational content and cognitive verbs associated with Bloom's Taxonomy, the automated system generates questions that encompass a range of cognitive abilities, from basic recall of facts to higher-order thinking skills such as analysis, synthesis, and evaluation. This research contributes to the advancement of educational technology by providing a systematic approach to automating the generation of short answer questions, thereby supporting personalized and adaptive learning experiences for students.

**Keywords :** Bloom's Taxonomy, cognitive levels, systematic analysis

## **Efficient Farming With GSM: Remote Measurement and Control for Greenhouses**

Sasmita Sahoo, Mamali Sahoo, Prangya Paramita Pani, Omm Prasad Singh, K Dinesh Reddy, Anjali Pradhan, Swarna Prabha Jena, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120081@cutm.ac.in*

### **Abstract**

In agriculture, the need for precise greenhouse monitoring and control to harvest the crop at ideal time is undeniable. Traditional farmers most often visit the farms to measure the parameters including soil moisture, light intensity, temperature, humidity etc which results inconsistent productivity rates. This research project develops deep into the core of this challenge, exploring the potential of GSM technology and embarking on the journey of Software to revolutionize greenhouse management. The work's primary goal is to ensure greenhouse internal parameters are suitable for plants. It has been noticed that the resources are wasted and the plants don't grow well. That's why technology like GSM bridges plant growth by developing a remote measurement and control system for the greenhouse. To tackle the challenge, a set of methods has been employed, including different sensors to monitor temperature, humidity, light and soil moisture, integrating GSM to Send SMS. The data collected by these sensors allows the SMS to control irrigation ventilation via SMS Command. It also presents the real-time sensor information with graphical charts to monitor through IoT analytics platform. The Significance of this project lies in its contribution to more efficient and Sustainable greenhouse practices.

**Keywords :** Cellular IOT, Greenhouse, GSM Technology, Sensors, Agriculture, Automation, Thing Speak.



## **Smart Agriculture Parameter Remote Monitoring System Using Wireless Network System**

Swetapadma Das, Sai Sreeya Khuntia, Adarsha Swain, Pritirani Behera, Arpita Mohanty,  
Swarna Prabha Jena, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120032@cutm.ac.in*

### **Abstract**

Machine Learning (ML) & Internet of Things (IoT) is an ever-growing field that tends to produce new advancements. These two technological evolutions when combined with the agricultural sector can help increase the overall agricultural productivity in a wide range. Where IoT on the one hand helps in monitoring crop fields and automating irrigation systems, Machine Learning on the other hand assists farmers and crop owners in predicting environmental elements and making appropriate decisions. This project work is intended to make a model that can provide various open-field weather parameters via sensors and help users forecast the weather conditions for upcoming days. The data obtained from the sensors are further stored in a database for future reference and graphical plotting. Data points can be visualized for any date which helps the user gain knowledge about the trends in various weather parameters that will help them prepare for any climatic hindrances beforehand. This study uses advanced IoT equipment like LoRa for data transmission and reception. This system can tremendously help the agricultural sector for better quality and crop yield.

**Keywords :** Agricultural Parameters, Real-Time Sensor Data; LoRa; Raspberry Pi

## **Smarter Billing: ESP32 CAM& QR Code enabled Intelligent Shopping Carts**

Debasish Sahu, Sujit Mahapatra, N. Som Sekhar Choudhary, Bibek Mohanty, Pritam  
Pattanaik, Swarna Prabha Jena, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120015@cutm.ac.in*

### **Abstract**

The "Smart Billing enabled Shopping Cart" is an Internet of Things invention that will transform the shopping experience. It makes use of the ESP32 CAM, QR codes, and Arduino IDE. This project intends to improve and streamline the purchasing experience in a future where efficiency and convenience are critical. The needs of the modern consumer are no longer met by traditional shopping carts, which require laborious human data entering. The goal of this paper is to develop a shopping cart that minimizes errors, streamlines data entry, and speeds up checkout. Users may simply scan products with a mobile app by using the ESP32 Cam to affix QR codes to each item. It calculates the total cost and produce an itemized receipt. The workshops notable increases in user satisfaction and shopping efficiency. It is a viable option since it speeds up checkout, lowers error rates, and improves the whole shopping experience. In conclusion, the ESP32 CAM and QR code-powered Smart Shopping Cart provides a creative way to make shopping easier. It solves the drawbacks of conventional shopping carts, which eventually helps consumers. This whole work demonstrates how IoT technology can be used to optimize daily tasks in the shopping malls.

**Keywords:** Smart Shopping; Remote Billing; ESP32- CAM; IoT; QR- Codes

## **EDGE ML Based cough detection: A Real- Time Solution for Health Monitoring**

P. Gyana Deepika, G. Varshit Hari Prasad, Bibhudutta Das, Shan Mohammad, Sarada  
Bharti Sahoo, Selina Mishra, Swarna Prabha Jena, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120250@cutm.ac.in*

### **Abstract**

This research is motivated by the desire to create a novel cough detection system employing edge machine learning in response to the critical need for real-time health monitoring and the possibility for early illness identification. The objective is to use real-time audio analysis to instantly identify cough noises within audio data streams, with the overriding goal of enhancing healthcare, public health monitoring, and smart technology applications. Our strategy includes collecting various audio data via smartphones and the onboard microphone of the Arduino Nano 33 BLE Sense, fine-tuning a machine learning model using transfer learning, and deploying real-time inference capabilities. We prioritize ethical issues, get informed consent for data gathering, and adopt a user-centric design approach, acknowledging the need of matching technology with user expectations. As a result, our machine learning model achieves an accuracy of 93.2%, highlighting its durability and competency. The system's real-time capabilities, which are based on edge machine learning, make it a valuable asset for applications that require quick reaction. In conclusion, this initiative not only serves a crucial healthcare need, but it also emphasizes the need of ethical responsibility and continual development, paving the way for the future of healthcare and public health monitoring.

**Keywords:** Cough Detection; Edge ML; Health Monitoring; Arduino Nano BLE Sense

## **Aquarium Automation: IoT-Enabled Smart Aquarium Management System**

Laxmipriya Jena, Arnnab chakra, Anshuman Kar, Hrutwesh Pande, Ayushi Priyadarsni,  
Gyana Ranjan Jena, Swarna Prabha Jena, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120176@cutm.ac.in*

### **Abstract**

The IoT-based smart aquarium system is a groundbreaking solution leveraging IoT technology to redefine the management of aquatic environments. By prioritizing efficiency, accessibility, and environmental responsibility, this innovation combines monitoring, automation, and analysis features. It grants remote control over pivotal factors such as water quality, temperature, lighting, and feeding schedules. It is a cutting-edge technology empowers users to oversee and adjust these parameters from any location, ensuring a healthy and balanced ecosystem for aquatic life. Additionally, the system is designed to conserve energy, issue alerts for any problems, and simplify the user experience through an intuitive interface. The research endeavors to enhance IoT-based systems for aquariums and aims to refine water quality monitoring, automation accuracy, and energy efficiency. Ultimately the system is designed such that the device captures the data, stores in the Firebase cloud platform. This system can also remote monitor and control the internal parameters of Aquarium through a Webpage. By fulfilling objectives like remote monitoring, automation, data analysis, user convenience, energy efficiency, and aquatic life care, it provides an innovative and efficient approach to manage and enjoy a thriving aquatic ecosystem, aligning with contemporary standards of environmental consciousness and technological advancement.

**Keywords:** Internet of Things, Smart Aquarium, Monitoring, Sensors, Monitoring, Firebase Cloud Platform

## **WIFI MQTT: Enabling Seamless Communication Across Multiple Devices**

Amlan Nayak, Smruti Ranjan Maharana, Sweta Biswal, Arpita Panda, Swarna Prabha

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120227@cutm.ac.in*

### **Abstract**

This paper addresses a major challenge in the world of the Internet of Things (IoT). It highlights the way devices like microcontrollers talk to each other using MQTT over Wi-Fi. The goal of the paper is to make IoT connectivity better and more robust. These devices during real-time communication through WiFi and MQTT, equipping them with unprecedented capabilities. In this, there is a consideration of the three node devices with the sensor equipped on them. These node devices continuously send the sensor's value to the IoT Gateway (Raspberry Pi) for storing and visualization through Mobile or Web apps remotely. Here the webpages show timely information about the sensor's value like Temperature, Humidity, Light Intensity, and Air Quality. The system developed is dedicated to IoT connectivity optimization. It enables the exchange of information among the IoT devices, which boosts the entire Iot ecosystem. The experimental testing of this concept is the substantial improvements of machines to communicate with each other and have seamless data sharing. This research can be extended to various domains to optimize the operational efficiency of the organization. Lastly, this work is an important step towards improving IoT connectivity for exchanging invaluable data.

**Keywords:** ESP8266; ESP32; Raspberry Pi; MQTT; Internet of Things; Sensors



## **RFID Revolutionizes parking: Enhancing efficiency through mobile App Connectivity**

Ipsita Priyadarshini Kuanr, Anand Mohan Mohanty, Om Prakash Sahoo, Swarna Prabha Jena, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120183@cutm.ac.in*

### **Abstract**

This work is a cutting-edge RFID-driven smart parking system that revolutionizes the traditional parking experience. This innovative solution employs RFID (Radio-Frequency Identification) technology to seamlessly manage and optimize parking operations. The system is accessible via a user-friendly mobile app, offering both operators and users a convenient and efficient parking experience. Moreover, the system is not just about parking convenience. By streamlining the parking process, minimizes idling time and the need for vehicles to circle for an available spot, thereby contributing to environmental sustainability. The system is adaptable and scalable, making it suitable for a wide range of applications. The integration of RFID technology ensures the highest level of security and fraud prevention. This system helps opening the parking gate only if you are authorized RFID users. It will help drivers to find the available parking spaces in real-time, reserve spots in advance, and streamline the payment process, reducing the time and frustration associated with parking in busy urban areas. This paper emphasizes on the future advancements in the area of parking a vehicle safely with a seamless payment system. As cities are growing and parking becomes threatening, the combination of RFID and mobile apps with smart system represents a promising solution to the challenges of urban parking.

**Keywords :** RFID; Smart Parking; Automation; Data Analytics; IoT; Mobile App.

## **Remote-Controlled Robotic arm: A Web-based pick & place Solution**

Tarini Prasad Mohanty, Sunil Kumar Sahoo, Sujan Bindhani, Himanshu Sahoo, Swarna Prabha Jena, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120235@cutm.ac.in*

### **Abstract**

The Internet of Things (IoT) and robotics have been combined as a result of the quick development of technology, offering creative solutions for a range of automation and industrial operations. This abstract presents a method that allows web-based control of a robotic arm by combining it with an inexpensive Wi-Fi module, the ESP8266, and a pick and place robotic arm. Through a web interface, the system provides remote operation and monitoring capabilities, increasing flexibility and efficiency in a range of applications. The main parts of the system consist of an ESP8266 module to connect wirelessly to the internet or a local area network and a robotic arm for picking and placing that may be configured with multiple degrees of movement based on the application. By acting as a link between the user and the robotic arm, the ESP8266 module enables remote control via a web interface. Any device with internet access, including computers, tablets, and smartphones, can access the web-based control interface. Depending on the particular needs of the application, the system can be configured to carry out a variety of tasks, such as material handling, assembly, and quality inspection. It creates opportunities for remote control and automation in sectors including manufacturing, warehousing, and healthcare. The web-based control system is a desirable option in situations where accuracy and automation are essential due to its accessibility and flexibility. This work has significant impact on various industries by lowering the operating cost and boosting the productivity.

**Keywords :** WiFi; Pick and Place; Robotics ARM.

## **Microcontroller Board Multi-Class classification Based on Transfer learning Algorithm using Jetson Nano**

Abinash Mishra, Swarna Prabha Jena, Sujata Chakraborty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120117@cutm.ac.in*

### **Abstract**

In recent years, object detection has become pivotal in various applications in various fields, from industrial automation to smart surveillance. Fine-tuning a model to recognize specific objects of interest that may not be present in generic object detection models. This is especially useful when dealing with niche or unique objects as it can be tailored to one's needs. This paper presents a comprehensive study on custom object detection utilizing Edge Machine Learning (EdgeML) techniques. The study leverages the computational capabilities of the NVIDIA Jetson Nano, a cost-effective edge computing device – a single board computer (SBC) and employs the state-of-the-art YOLOv5 framework for training. This Paper proposes an efficient pipeline that integrates the NVIDIA Jetson Nano's GPU capabilities with the YOLOv5 architecture, allowing for streamlined training and deployment of custom object detection models. This process is also known as transfer learning. Similar models can be trained to perform much-needed tasks in domains such as robotics, surveillance, medical imaging, and industrial automation. In summary, this work contributes to the advancement of custom object detection at the edge, offering a practical framework for developing high-performance, real-time solutions using NVIDIA Jetson Nano and YOLOv5.

**Keywords:** EdgeML, Object Detection, Transfer Learning, NVIDIA Jetson Nano, Single Shot Detection

## **Breast Cancer Detection using IR Image**

Arnnab Chakra, Sujit Mahapatra, Anshuman Kar, Hrutwesh Pande, Chinmayee Dora,  
Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*  
*Corresponding Author: 210301120115@cutm.ac.in*

### **Abstract**

In the realm of medical imaging, early and precise diagnosis of breast cancer remains a vital goal. Our project proposes a novel technique for feature extraction and classification using infrared (IR) images, capitalizing on Convolutional Neural Networks (CNNs), specifically incorporating the AlexNet architecture, and Support Vector Machines (SVM). Our customized CNN, tailored with the AlexNet architecture, is meticulously designed to detect intricate patterns within infrared images. By finishing at the flatten layer, we extract high-dimensional feature vectors. Notably, our methodology prioritizes non-invasiveness, ensuring patient comfort and safety. These high-dimensional feature vectors are utilized by the SVM classifier, which is finely tuned for binary classification, leading to a substantial enhancement in classification accuracy. Our project places a significant emphasis on the accuracy, with an impressive accuracy rate of %. This underscores the effectiveness of our approach in early breast cancer diagnosis. In addition to the accuracy assessment, we rely on the confusion matrix to rigorously evaluate our model's performance. It provides a comprehensive and granular view of true positives, true negatives, false positives, and false negatives, allowing us to precisely assess our system's capabilities. This holistic approach, combining deep learning and traditional machine learning techniques, promises to revolutionize breast cancer detection through IR imaging, ultimately leading to earlier intervention and improved patient outcomes.

**Keywords:** Infrared (IR) Images, Breast Cancer Detection, CNN, Alex Net, Support Vector Machines (SVM), Feature Extraction, Confusion Matrix Evaluation

## **Unveiling skin cancer: A Machine Learning Approach**

Sai Sreeya Khuntia, Adarsha Swain, Swetapadma Das, Pritirani Behera, Chinmayee Dora,  
Sujata Chakravarty

*Centurion University of Technology and Management, Odisha, India*

*Corresponding Author: 210301120007@cutm.ac.in*

### **Abstract**

Machine Learning (ML) has proven itself in various sectors, especially in medical diagnostics. Models that diagnose any disease with high accuracy act as a great aid to medical professionals. Dealing with mass patient data sometimes is prone to human error and time-consuming. Machine learning models not only can learn from vast amounts of complex data but can also predict outputs with high accuracy if trained properly. This study aims to provide a cost-effective and technologically advanced approach to classify different cancerous skin lesions so that early and proper treatment is provided to the patients for fast recovery. Here, the features from the skin patches are extracted using GLCM. Before feature extraction, the skin patch images are subjected to Dull Razer algorithm to remove the hair image present to enhance the image quality. From the study, the GLCM feature extraction technique showed an excellent accuracy of 98 % with the Support Vector classifier (SVC) and the random forest classifier also showed accuracy nearer to that of SVC. The LBP features investigated, do not achieve good accuracy. In the future scope of the work, the Gary co-occurrence matrix could be subjected to CNN and investigated for improved accuracy.

**Keywords:** Machine Learning; skin cancer; GLCM; HAM10000; SVC



## **Enhancing Kidney Stone Diagnosis with Convolutional Neural Networks in CT Imaging**

G. Varshit Hari Prasad, P. Gyana Deepika, Sarada Bharti Sahoo, Selina Mishra,  
Chinmayee Dora, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha*  
*Corresponding Author: 210301120256@cutm.ac.in*

### **Abstract**

Kidney stone development is a common urological condition that causes considerable patient suffering and healthcare costs worldwide. This research aims to address this urgent need by building an automated kidney stone identification system that analyses CT scan images using Convolution Neural Networks (CNNs), with the overriding goal of improving patient outcomes. Our research offers a unique approach by utilizing the ability of deep learning via CNNs to automate the detection process, maintaining consistency and boosting the diagnostic skills of healthcare experts. The process comprises the acquisition of a broad dataset of CT scan pictures including kidney stones of various sorts, sizes, and placements. The dataset is then used to create and train a deep learning model based on CNN architecture, with performance measured using a battery of assessment measures. Preliminary findings show that our CNN-based kidney stone detection system was successfully trained. The program identifies kidney stones of varied sizes and locations within CT images with a promising 98.2% accuracy, indicating the possibility for better diagnostic efficiency. This initiative aims to speed up patient treatment, alleviate suffering results by automating the detection process. Future research will concentrate on improving the model, confirming its value in clinical practice, and broadening the breadth of our dataset to improve its resilience and real-world application.

**Keywords:** Convolution Neural Networks, CT Images, Radiologists

## **Traffic sign Detection using CNN**

Satyam Shivam, Swastipriya Nayak, Nishikant Say, Ashish Mohanty, Chinmayee Dora,  
Sujata Chakravarty

*Centurion University of Technology and Management, Odisha  
Corresponding Author: 210301121270@cutm.ac.in*

### **Abstract**

This paper presents a Deep Learning approach for traffic sign recognition systems. Several classification experiments are conducted over publicly available traffic sign datasets from Germany using a Deep Neural Network which comprises Convolution layers. Such trials are built to measure the impact of diverse factors with the end goal of designing a Convolution Neural Network that can improve the state-of-the-art of traffic sign classification task. The CNN can perform fine-grained classification once the traffic sign has been detected. Moreover, as the CNN outperforms the human visual system, its inference time is low and can also be deployed as a stand-alone service, it can therefore be used in real-time applications. The recognition rate of the proposed Convolution Neural Network reports an accuracy of 94% in the German Traffic Sign Recognition Benchmark.

**Keywords:** Machine Learning, GTSRB, CNN

## **Autism Classification using Machine Learning Models**

Sai Sreeya Khuntia, Adarsha Swain, Swetapadma Das, Pritirani Behera, Sunil Kumar  
Mohapatra, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: 210301120007@cutm.ac.in*

### **Abstract**

Autism also known as autism spectrum disorder are reported to affect 1 out of every 36 children in the United States. Machine Learning (ML) being a never ending and overgrowing field of technology has proven to be of great help to the healthcare sector including the early diagnosis of various disorders in human beings. This project work is intended to aid the early and accurate detection of a neurological disorder – Autism. Autism developed individuals face difficulties while socializing and also other challenges like repetitive behaviours, speech and even non-verbal communications. This project work comprises of fitting 4 ML models with a dataset that consists records related to patients having autism as well as without having autism. Out of the 4 models used, the Support Vector Machine (SVM) classifier yielded the highest accuracy on the validation data while the AUC scores of all the models were quite near to that of each other.

**Keywords :** Autism Spectrum Quotient; SVM; KNN; XG Boost; Logistic Regression

## **Human Activity Reorganization with Smartphone**

Nekkanti Tejaswini, Akankshya P. Shur, Jyotirmayee Sahu, Arpita Panda, Sunil Kumar  
Mohapatra, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha*  
*Corresponding Author: 210301120083@cutm.ac.in*

### **Abstract**

Recognizing human activities from smart phone sensor data provides valuable contextual information that can be integrated into AI systems. This context awareness enables AI to better understand user behaviors and intentions. The system uses a 3-dimensional smartphone accelerometer as the only sensor to collect time series signals, from which 31 features are generated in both time and frequency domain. The scope includes applications for tracking physical activity, monitoring sleep patterns, and managing chronic conditions like diabetes. Smartphone-based activity recognition can be crucial for detecting falls in the elderly and individuals at risk, alerting caregivers or emergency services. Collect sensor data from smartphones: Smartphones are equipped with various sensors such as accelerometers, gyroscopes, magnetometers, and GPS. Dimensionality reduction is performed through both feature extraction and subset selection. The data are pre-processed by denoising, normalization and segmentation to extract valuable feature vectors. In addition, a real-time human activity classification method based on a convolutional neural network (CNN) is proposed, which uses a CNN for local feature extraction. Finally, SVM, Decision tree, ANN, PCA, RNN and Random Forest models are utilized on the dataset. Our work represents the contributes to the glowing body of research in human activity recognition and highlights the potential of smartphones as valuable tools for improving our understanding of human behavior.

**Keywords:** SVM, Decision tree, ANN, Random Forest, PCA, RNN

## **Sonar Rock Vs Mine Classification: An Approach for Underwater Detection**

Sasmita Sahoo, Prangya Paramita Pani, Anjali Pradhan,  
Sunil Kumar Mohapatra, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: 210301120081@cutm.ac.in*

### **Abstract**

A significant challenge of underwater object classification in distinguishing sonar rocks from buried mines is crucial in case of maritime and naval security as the enemy country has planned explosive mines in the ocean. Furthermore, there is a possibility of encountering rocks. This research is motivated by the urgent need for reliable and efficient underwater detection methods, which have a variety of applications in environmental studies and maritime security. A wide range of classification methods, from traditional algorithms to modern deep learning models have been used to identify the unique patterns in sonar data. Our comprehensive approach integrates pre-processing, feature extraction, PCA, LDA and a number of classification techniques such as LR, LDA, KNN, CART, NB, SVM, Decision Tree, Random Forest, K fold cross validation and neural network by utilizing the Sonar Mines vs. Rocks dataset. The dataset includes the numbers in increasing order of aspect angle within the range of 0.0 to 1.0. High accuracy of 98% was achieved by Decision tree and random forest followed by LDA grid approach 97 % and SVM (RBF) by 91%. This study enhances the accuracy of the existing system which is capable of classifying between mines and rocks beneath the submarine.

**Keywords:** Sonar, Rock Vs Mine, SVM, Logistic, Classification, Naval Security, Underwater, CART, NB, LDA, K-Fold, Random Forest, Decision Tree, Binary.



## **Machine learning –Based recommendation System for Movie Genres using KNN**

Mamali Sahoo, Omm Prasad Singh, Sunil Kumar Mohapatra, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: 210301120142@cutm.ac.in*

### **Abstract**

A recommendation system is one that uses historical data to filter information using particular algorithms and suggest relevant items to users. It operates via supervised machine learning, which means that it first observes consumer behavior before making movie content recommendations to them. We utilized the Kaggle website's data set and the "content-based filtering" technique to create this movie recommender model. Finding movies that suit each user's unique tastes might be difficult, given the vast quantity of films that are accessible worldwide. It might be difficult to choose an appropriate movie because of the large choices, which sometimes leaves people feeling overwhelmed. Issues like data sparsity and cold starts might arise from this protracted search for the appropriate movies. We suggest a machine learning-based K-nearest neighbors (KNN) algorithm recommender system for movie genres in order to solve these problems. In our final solution, customers may choose their favorite movies and receive suggestions for other movies that are comparable by using a slider bar on a Stream lit web interface. Our approach offers tailored recommendations that are more likely to align with the user's interests and preferences by integrating their choices. The primary goal of our project is to reduce human effort by suggesting movies depending on user interest.

**Keywords:** Movie Recommender System, Machine Learning, Content-based Filtering, Collaborative Filtering, KNN Algorithms, Classification Algorithm

## **Lungs Cancer Prediction using Machine Learning Algorithms**

Shan Mohammad, Sarada Bharati Sahoo, Bibhudutta Das, Shakti Sai Sahoo,  
Sunil Kumar Mahapatra, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha*  
*Corresponding Author: 210301120251@cutm.ac.in*

### **Abstract**

A large amount of cancer-related morbidity and mortality is caused by lung cancer, making it a major worldwide health concern. Predictive modelling in healthcare has found a potentially in machine learning (ML) in recent years. Using a wide range of comprehensive datasets, this work attempts to create a ML prediction model for lung cancer. A timely detection of lung cancer saves a great deal of lives; otherwise, it might result in other serious issues that could cause a quick, tragic death. Improving early diagnosis and prognosis is usually the main objective of a ML project focusing on lung cancer prediction, as this will ultimately improve patient outcomes. The primary factors influencing its prognosis and rate of recovery are early disease identification and diagnosis. For the analysis and prognosis of lung cancer, the healthcare industry has used a variety of ML algorithms, such as Support Vector Machine and Artificial Neural Network. They served as input variables for our ANN along with additional personal data. Utilising the "survey lung cancer" data set, our ANN was created, trained, and validated. Different measuring parameters, such as accuracy, sensitivity, specificity, true positive, true negative, false positive, and false negative, are used to assess the performance of the two classifiers. Thus, by considering each classifier individually. Our research revealed that the majority of ML algorithms provided accuracy that was not even close to 90%. The objective of this paper is to enumerate, examine, contrast, and evaluate multiple approaches to image segmentation and feature extraction, along with diverse strategies for early detection and classification of lung cancer.

**Keywords:** Machine Learning, Support Vector Machine, Artificial Neural Network

## **Financial Market Prediction**

K Sai Vasanth, K. Dinesh Reddy, Abantika Jena, Shraban Kumar Rout, Sunil Kumar  
Mahapatra, Sujata Chakravarty

*Centurion University of Technology and Management, Odisha*  
*Corresponding Author: 210301120066@cutm.ac.in*

### **Abstract**

It is difficult to predict movements in the stock market, although different machine learning techniques have been used to increase prediction accuracy. In order to improve stock market prediction, this project proposes a hybrid approach that combines Logistic Regression, Support Vector Machines (SVM), Long Short-Term Memory (LSTM) networks, and Recurrent Neural Networks (RNN). The suggested model builds on the advantages of each distinct technique to produce a reliable and accurate prediction system. To extract complex sequential patterns from the market data, RNNs are used. To determine the optimal ensemble strategy, various combinations of these techniques are investigated. The predictive power of the model is increased through the application of feature engineering and dimensionality reduction techniques. By using multiple sources of historical stock market data for back testing, the hybrid model's performance is thoroughly assessed. The outcomes are contrasted using conventional forecasting techniques and individual SVM, LSTM, Logistic Regression, and RNN models. This study advances machine learning methodologies in the field of financial market forecasting, with potential applications in risk management, decision support systems, and investment strategies.

**Keywords:** Logistic Regression, RNN Models, Risk Management, Decision Support Systems

## **Loan Approval Prediction**

Bibek Mohanthy, Pritam Pattanaik, N. Som Sekhar Choudhury, Sunil Kumar Mohapatra,  
Sujata Chakravarty

*Centurion University of Technology and Management, Odisha  
Corresponding Author: 210301120031@cutm.ac.in*

### **Abstract**

In the world of financial services, it is now critical for both applicants and financial institutions to forecast loan acceptance in a quick and accurate manner. The goal of this machine learning project is to create a trustworthy and efficient loan approval prediction system that will reduce risks, increase client happiness, and streamline the lending process. Conventional evaluation techniques frequently fail to identify complex patterns among these diverse data sets, which causes delays and imprecise decisions. Our strategy uses deep learning models and ensemble methods, two advanced machine learning algorithms, to evaluate large datasets thoroughly in order to address this problem. We demonstrate the efficacy of our method in accurately categorizing loan applications, hence reducing the possibility of both incorrect approvals and rejections, through thorough model review and validation. This improved accuracy offers applicants a quicker and more dependable loan approval process while also lowering financial risks for lending institutions. To sum up, this research highlights the need of utilizing machine learning techniques to anticipate loan acceptance, providing a strong resolution to the problems encountered by financial organizations. Our approach not only increases the speed and accuracy of loan approval decisions by utilizing sophisticated algorithms. In addition to addressing the immediate demands of lending institutions, ushering in a new era of quick and accurate loan approval procedures.

**Keywords:** Loan, Outlier, Prediction, Component, Overfitting, Transform, SVM, Naive Bayes



**Centurion**  
UNIVERSITY

*Shaping Lives...  
Empowering Communities...*

*Souvenir, International GIS Day 2023*



## **Story Visualization from Natural Language and its Evaluation (Text to Image Generation)**

Aditya Sharma and Sonu Kumar

*Centurion University of Technology and Management, Odisha*

*Corresponding Author: 210101120223@cutm.ac.in*

### **Abstract**

We made a computer system that turns written stories into cool pictures using fancy computer language tricks. We checked if the pictures make sense and if people like them. Turns out, they do! This helps make stories more fun and easier to understand. Our work is like adding pictures to your favorite book, making it even better.

**Keywords:** Story Visualization

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



## **Visually Grounded Paraphrase Extraction**

Tarun Kumar, Priyanshu Kumar, Aditya Bhardwaj, Suprit Ranjan,  
Pushpam Kumari, Sagar Patro, Shivam Kumar

*Centurion University of Technology and Management, Odisha*  
*Corresponding Author: 210101120209@cutm.ac.in*

### **Abstract**

Visually Grounded Paraphrase Extraction is a cutting-edge area of research that sits at the intersection of computer vision and natural language processing. This field aims to bridge the gap between textual and visual information, enabling machines to not only understand language but also extract meaningful paraphrases grounded in the context of images or videos. The core objective is to develop algorithms that can automatically generate diverse and semantically equivalent descriptions or captions for visual content. This has significant implications for fields such as image retrieval, video analysis, and content recommendation systems. The challenges in visually grounded paraphrase extraction are multifaceted. Researchers must devise methods for effectively fusing visual and textual information, as well as handling the inherent ambiguities and nuances in both modalities. These methods often involve the use of neural networks and deep learning models, which learn to map visual features to semantic representations of text, and vice versa. Furthermore, the diversity of paraphrases is a critical aspect of this research, as generating varied, yet accurate descriptions is essential for maintaining the formativeness and richness of content. Applications of visually grounded paraphrase extraction are extensive. They span from aiding visually impaired individuals in understanding visual content to improving search engines' capability to retrieve relevant images or videos based on user queries. Moreover, this technology has the potential to advance the field of automated video summarization, making it easier to create concise and informative video previews or summaries.

**Keywords:** Visually Grounded Paraphrase Extraction

## **Text Based and Image-Based Emotion Detection**

Pranab Kumar Sen

*Centurion University of Technology and Management, Odisha  
Corresponding Author: 210101120108@cutm.ac.in*

### **Abstract**

Emotion detection has emerged as a critical area of research with applications ranging from human-computer interaction to sentiment analysis. This study presents a comprehensive approach to emotion detection utilizing both textual and image-based information. The integration of these modalities aims to enhance the accuracy and robustness of emotion recognition systems. In the text-based component, natural language processing techniques are employed to extract and analyse emotional content from textual data. The study explores various linguistic features, sentiment analysis, and deep learning models to capture the nuanced expressions embedded in written communication. Additionally, the incorporation of contextual information enhances the system's ability to discern the emotional tone and intent behind the words. Complementing the text-based analysis, the image-based component employs computer vision algorithms to extract visual cues indicative of emotions from images. Facial expression recognition, body language analysis, and scene understanding contribute to a holistic interpretation of emotional states depicted in visual content. The proposed approach demonstrates its effectiveness through extensive experiments on benchmark datasets, showcasing superior accuracy and robustness compared to unimodal systems. The findings of this research contribute to the advancement of emotion detection technologies, with potential applications in human-computer interaction, virtual environments, and mental health monitoring. The multimodal approach presented in this study serves as a foundation for future developments in understanding and interpreting emotions across diverse communication channels.

**Keywords:** Text-Based Component, Convolutional Neural Networks (CNNs)

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

*Souvenir, International GIS Day 2023*



# MISCELLANEOUS

*Organized by Department of Civil Engineering and Centre for Data Science & Machine Learning*

## **Physio-biochemical changes caused by *Pseudomonas fluorescens* in Tomato (*Lycopersicum esculentum*) Inoculated with *Meloidogyne Incognita***

Basant Kumar Samal, Pallavi Sahoo, Jayanta Kumar Mahalik, Dwity Sundar Rout,  
Nilayam Sarangi, Sarthak Pattanayak, Jitendra Patasani

*IDP-NAHEP, OUAT, Bhubaneswar*

*Corresponding Author: basantaku94@gmail.com*

### **Abstract**

Tomato (*Lycopersicum esculentum* L.) family Solanaceae is one of the most popular vegetables widely grown in world. Tomato universally treated as "Protective Food" is being extensively grown as annual plant. The root reduces tomato yield by 25.0% and up to 49%. Keeping the above fact in view an experiment was conducted at the net house of Department of plant physiology, College of Agriculture, OUAT, Bhubaneswar to study "Physio-biochemical changes caused by *Pseudomonas fluorescens* in tomato (*Lycopersicum esculentum*) inoculated with *Meloidogyne incognita*" during Rabi season 2021-22. The experiment was laid out in Complete Randomized Design with 6 treatments and 4 replications with tomato (variety Utkal Dipti). The treatments were T1 (absolute control), T2 (soil application of *Pseudomonas fluorescens* @ 1g/ Kg of soil), T3 (inoculation of *M. incognita* @ 1000 J2/ Kg of Soil 15 days after soil application of *Pseudomonas fluorescens*), T4 (application of *Pseudomonas fluorescens* @ 1g/ Kg of soil + *M. incognita* @ 1000 J2 /Kg), T5 (application of *Pseudomonas fluorescens* @ 1 g/ Kg of soil 15 days after inoculation of *Meloidogyne incognita*), T6 (Inoculation of *M. incognita* @ 1000 J2/ Kg soil). This study demonstrated that root-knot nematode is negatively impact on yield attributes and reducing yield up to 45.2%. *Pseudomonas fluorescens* is an environmentally safe and sound approach used in sustainable nematode management.

**Keywords:** *Pseudomonas fluorescens*, Detrimental effect, Nematode management

## **El Nino and its Effects**

Edrin, Tanisha Kamble

*Vishwakarma Institute of information technology  
Corresponding Author: edrin24thomad@gmail.com*

### **Abstract**

This poster is basically targeting the El Nino effect which is going to happen next year, and it would be a catastrophic event and its effects would be devastating... And basically, it's not a individual who's duty is to protect our planet but it's a global task and we have recommend a few measures to overcome it.



## **Design and printing (Model of Chandrayaan-3)**

Dharmendra Kumar

*Centurion University of Technology and Management, Odisha*

*Corresponding author: 210101160003@cutm.ac.in*

### **Abstract**

Chandrayaan-3 is India's third lunar mission, following the successful Chandrayaan-1 and Chandrayaan-2 missions. Chandrayaan-3 was conceived as a follow-up mission to address the shortcomings of Chandrayaan-2, which had an unsuccessful landing attempt on the Moon's South Pole. The mission aimed to achieve a successful soft landing and enhance India's capabilities in lunar exploration. The spacecraft's design would have likely included the following components: Lander: The Lander would have been a key component responsible for making a soft landing on the lunar surface. Chandrayaan-3 may have included a rover designed to explore the lunar surface. The rover would have carried scientific instruments to conduct experiments and gather data. Orbiter: An orbiter would have been part of the mission to facilitate communication with the Lander and rover. It would have also continued to study the Moon from orbit, capturing high-resolution images and collecting data. Launch Vehicle: Chandrayaan-3 would have been launched into space using a suitable launch vehicle, such as the GSLV Mk III, which has been used for previous Indian lunar missions. Scientific Instruments: The Lander, rover, and orbiter would have been equipped with scientific instruments for a variety of purposes, including studying the lunar regolith, measuring the Moon's surface temperature, and analyzing the composition of the lunar crust. The mission's primary goal would have been to achieve a successful soft landing on the lunar surface, especially in the region where Chandrayaan-2's Lander, Vikram, had encountered difficulties. so I recommend consulting the latest sources for the most up-to-date information on the mission.

**Keywords:** Orbiter, spacecraft's, in lunar exploration, South Pole.

## **Induced Reproductive Performance of Pangasiussutchi (Fowler, 1937) using Cocktail of Synthetic Hormones**

Deepika and Mangesh M. Bhosale

*College of Fisheries, DSVCKV, Kawardha, Chhattisgarh  
Centurion University of Technology and Management, Odisha  
Corresponding author: mangesh.bhosale@cutm.ac.in*

### **Abstract**

The present experiment was aimed to standardize minimum effective dosage of synthetic hormones for breeding of Sutchi catfish, *Pangasiussutchi* (Fowler, 1937) in captive condition. In the present experiment, cocktail of synthetic hormones, Wova-FH (synthetic gonadotropin releasing analogue) and HCG (Human Chorionic Gonadotropin) at 1:0.5 ratio, were used at different dosage. Initially, matured males and females were segregated, induced with cocktail of synthetic hormone at different dosages and kept in separate tanks. The stripping was performed after 10-12 hr post inducement. For removing stickiness of eggs skimmed milk (500 ml), multani soil (200 g) and black soil (200 g) were used for 1 l of egg mass. In the experiment, Cocktail at 1.0 ml/kg for female and 0.6 ml/kg for male was found effective and resulted in highest ovulation and spermiation (90-95%), fertilization (78-82%) and hatching (85-90%). The fertilized eggs were transparent with golden tinge (0.6-0.9 mm dia.) while the hatchlings were transparent measuring 1.5-2.2 mm. Overdose of cocktail resulted in poor fertilization (31.21±2.2%) while under-dose did not cause ovulation and spermiation. The present breeding protocol is simple and can be adopted by small breeders for culture and conservation.

**Keywords :** Cocktail of synthetic hormones, Induced breeding, *Pangasiussutchi*, Wova-FH, HCG, larval rearing.



**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

## **Overview of Gram Tarang Inclusive Development Services Pvt. Ltd (GTIDS)**



Gram Tarang Inclusive Development Services Pvt. Ltd (GTIDS) is a certified company specializing in Agri-Fintech and Drone Solutions. With a presence in the financial inclusion sector since April 2011, GTIDS ventured into the realm of Drone Solutions just last year. GTIDS has made significant contributions to financial inclusion by recruiting over 10,000 Bank Mitras for 16 Banks across 15 States and facilitating the opening of over 1.4 Crore no-frills accounts. GTIDS created a Mudra Loan portfolio of Rs. 500 Crores & benefitted over 1.6 Lakh small businesses directly. Further, GTIDS developed Insta Money, a PCIDSS Certified Fintech application in 2018 to extend door-step Banking Services. It currently employs over 5000 BC Agents across India & through them, it performs over 1 million transactions & a business turnover of Rs. 2000 Crores per month.

Currently, GTIDS operates 37 Drone Clusters across 7 states in India, where it has deployed 168 Agriculture Drones. These drones are utilized to provide vital Spraying Services to farmers involved in the cultivation of Chilli, Cotton, Paddy, Maize, and various vegetables. Additionally, GTIDS plays a pivotal role in Drone and Hydrographic Surveys aimed at the revitalization of water bodies within the state of Odisha. Furthermore, GTIDS offers RGB and Multispectral Drone Imaging services, catering to the assessment of critical parameters such as Crop Health, Moisture Content, Yield, and more. The company is actively engaged in Drone Surveys of agricultural lands in Andhra Pradesh and Uttar Pradesh, contributing to the advancement of modern agricultural practices.

### **Ongoing Projects**

- Mandates from Andhra Pradesh & Uttar Pradesh governments to do Drone Survey of Agriculture Lands.
- Agriculture Drone Spraying Services to Chilli, Cotton, Paddy, Maize & Vegetable Farmers across 7 States of India.
- Multispectral Drone Imaging services to study the parameters like Crop Health, Moisture Content, Yield etc for Bayer.

### **Projects completed**

- Drone & Hydrographic Survey for rejuvenation of water bodies under Bhubaneswar Municipal Corporation.
- Drone & Hydrographic Survey for rejuvenation of water bodies in Puri, Redakhol, Biramitrapur, Sundargarh, Daramgarh Municipalities.



## About the University

Centurion University of Technology & Management (CUTM) is the first multi sector private university in Odisha, established through an act of state legislative assembly in 2010 and duly recognized by UGC. The core objective of CUTM is to “Shape Lives and Empower Communities”, creating a wealth and livelihood opportunities for the underprivileged.

## About Civil Engineering Department

Department of Civil Engineering of SoET, that offers B. Tech programme in Civil Engineering and M. Tech Programme in Structural, Transportation and M. Sc (Geoinformatics) has plentiful infrastructure to cater to the academic needs of its students. The department is supported by both senior faculty with vast experience and young qualified faculty who not only disseminate knowledge but also motivate the students and raise their aptitude of learning and become knowledgeable and wise as well. The distinctiveness of CUTM in general and the department of Civil Engineering in particular is its curriculum planned under Choice Based Credit System (CBCS) as well as offers domain project (Aerial Surveying and Remote Sensing Application) which enable the students to choose the subjects that match their interest of professional career.

## About GTIDS

Gram Tarang Inclusive Development Services Pvt. Ltd (GTIDS) is a certified company specializing in Agri-Fintech and Drone Solutions. With a presence in the financial inclusion sector since April 2011, GTIDS ventured into the realm of Drone Solutions just last year. GTIDS has made significant contributions to financial inclusion by recruiting over 10,000 Bank Mitras for 16 Banks across 15 States and facilitating the opening of over 1.4 Crore no-frills accounts. GTIDS created a Mudra Loan portfolio of Rs. 500 Crores & benefitted over 1.6 Lakh small businesses directly. Further, GTIDS developed Insta Money, a PCIDSS Certified Fintech application in 2018 to extend door-step Banking Services. It currently employs over 5000 BC Agents across India & through them, it performs over 1 million transactions & a business turnover of Rs. 2000 Crores per month.

## About Data Science & Machine Learning Research Centre

The centre for Data Science and Machine Learning focuses on the research activities like Multispectral and Hyperspectral Image Processing, Plant Disease Detection, Natural Language Processing, Geomatics and its application, Big data analysis using Hadoop and MongoDB, Extract, Transform and Load (ETL).

## About Esri

Esri, the global market leader in geographic information system (GIS) software, location intelligence, and mapping, helps customers unlock the full potential of data to improve operational and business results. Founded in 1969 in more than 350,000 organizations globally and in over 200,000 institutions in the America, Asia, the Pacific, Europe, Africa and Middle East, including Fortune 500 companies, non-profits, and Universities.

The screenshot displays the GIS Day 2023 website. The header features a dark navigation bar with the following links: Overview, Resources, and Registration Details. The main heading reads "Explore worldwide GIS Day 2023 events" with the date "November 15, 2023" below it. The central part of the page shows a map of India with various cities marked as event locations. A pop-up window titled "GIS Day Celebrations" is open, displaying the following information:

- Host:** Centurion University of Technology and Management, Odisha - Department of Civil Engineering
- Date:** November 15, 2023
- Time:** 09:30 - 18:30
- Website:** [Website](#)
- Event details:** This event is public. Online or in person: Hybrid. Event type: Conference. Intended audience: Adults (18 and older).

At the bottom of the page, there are three logos: Centurion University (with the tagline "Shaping Lives, Empowering Communities"), GTIDS (with the tagline "Gram तरंग"), and Esri India (with the tagline "THE SCIENCE OF WHERE™").

## Report of Webinar on

### Solar-powered Agricultural Machines

**Date:** 27.01.2024

**Time:** 10:00 am-11:00 am

---

**Webinar Organizer:** Research Centre for Smart Agriculture, Centurion University of Technology and Management, Paralakhemundi, Odisha.

**No. of Students and/or Faculty Registered:** 88

**No. of Students and/or Faculty Participated:** 64

**Moderator:** Dr. Subhankar Debnath (Assistant Professor, SoABE)

**Coordinators:** Dr. Sagar Maitra (Professor & head (Agronomy), MSSSoA), Dr. Dinkar Gaikwad (Associate professor & head (Plant Physiology), MSSSoA)

**CEO:** Mr. Y.V. Pratap (Project manager, SoM)

#### Resource Person Details:



Dr. Shankha Koley, an Assistant Professor at The Neotia University, is a distinguished expert in Agricultural Engineering, Farm Machinery & Power Engineering, Bioenergy, and Biofuels. Having earned his PhD from IIT Kharagpur in 2019, Dr. Koley has demonstrated a profound commitment to academia and research. His exemplary work has been recognized through various awards and honors, including the University Merit Fellowship from Uttar Banga Krishi Viswavidyalaya in 2006, R&D Grant-in-Aid from the Institution of Engineers India in 2011, and an International Travel Grant from MHRD, India, in 2018.

Dr. Koley's scholarly contributions extend to nine journal articles and one book chapter, showcasing the depth of his research endeavors. Moreover, his active participation in three conferences underscores his dedication to staying at the forefront of developments in his field. Dr. Shankha Koley's multifaceted expertise and impressive achievements make him an invaluable asset to The Neotia University's academic community.



### **Detail report of the webinar:**

The Research Centre for Smart Agriculture, Centurion University of Technology and Management, Paralakhemundi, Odisha, organized a webinar on "Solar Powered Agricultural Machines" on January 27, 2024, to gain a thorough understanding of the utilization of solar energy in the agricultural sector. In this webinar, Dr. Shankha Koley, an Assistant Professor at The Neotia University, joined as resource person and 64 participants including both faculty member and students were joined through online mode. Dr. Subhankar Debnath, the session moderator, gave a quick introduction of the speaker before the webinar started. Dr. Koley began his presentation with an overview of the advantages and disadvantages of solar power. Key advantages included environmental sustainability, reduced electricity costs, and minimal greenhouse gas emissions. However, challenges such as intermittent energy production and high initial costs were highlighted. The importance of technological advancements in addressing these challenges was emphasized. A segment of the webinar focused on India's abundant solar resources. The discussion outlined the geographical distribution of solar energy, emphasizing regions with high solar potential. The participants learned about the role of solar maps and data analytics in identifying suitable locations for solar-powered agricultural applications. The webinar included a detailed flowchart illustrating the solar power utilization process. It covered the conversion of sunlight into electricity through photovoltaic cells, energy storage, and the distribution to various agricultural machines. This visual aid enhanced participants' understanding of the complex process. The core of the presentation delved into specific solar-powered agricultural machines. This included solar pumps for efficient water utilization, solar fencing for crop protection, solar dryers for post-harvest processing, solar distillation for water purification, and an overview of various solar-powered agricultural machines. Each machine's functionality, benefits, and potential challenges were discussed. A significant portion of the webinar was dedicated to solar thermal conversion systems. All the participants gained insights into how solar energy could be harnessed for applications such as water heating, steam generation, and air conditioning in the agricultural sector. The potential for increasing energy efficiency in farming practices through these systems was highlighted. The mechanism of Agrivoltaic systems was explained, showcasing the integration of solar panels with agricultural fields. The presentation emphasized how these systems could enhance land use efficiency by providing both solar power and a productive agricultural area. The benefits of reduced water consumption and improved crop yields were discussed in detail. The webinar concluded with a forward-looking perspective on the future of Agrivoltaic systems in India. The potential for widespread adoption, policy implications, and the role of research and development in advancing this technology were discussed. The presenters highlighted the need for collaboration between the agricultural and energy sectors to drive sustainable growth.

At the end of the webinar talk, Dr. Dinkar Gaikwad (coordinator of the research centre) extended his heartfelt gratitude to everyone who contributed to the success of the webinar. Firstly, a sincere appreciation conveyed to the resource person whose expertise and valuable knowledge made the webinar informative and engaging. He acknowledged valuable support received from session moderator Dr. Subhankar Debnath (Assistant professor, SoABE) whose meticulous planning ensured the seamless flow of the event. He appreciated research centre coordinator Dr. Sagar Maitra whose skillful guidance and thoughtful insights greatly enriched the discussion. He also extended appreciation to the faculty members of the research centre for their assistance in organizing the webinar. Finally, he expressed gratitude to all the participants for their active involvement and enthusiasm, without which the webinar wouldn't have been as impactful. Their collective commitment to learning and collaboration has truly made the event a memorable and rewarding experience for all.

#### Flyer:



**Centurion University of Technology and Management**  
Research Centre for Smart Agriculture  
Organizing an  
**Webinar on**  
**Solar-powered Agricultural Machines**

**Speaker**

**Dr. Shankha Koley**  
Assistant Professor & HoD  
School of Agriculture and Allied Sciences  
The Neotia University, West Bengal

**January 27, 2024**  
**10:00 AM – 11:00 AM**

**Online Mode**

**Scan to Register**

**Coordinators**

**Dr. Sagar Maitra**  
Professor and Head (Agronomy)  
MSSSoA, CUTM

**Dr. Dinkar Gaikwad**  
Associate Professor and Head  
(Plant Physiology) MSSSoA, CUTM

**CEO**

**Mr. Y. V. Pratap**  
Project Manager  
SoM, CUTM

**Moderator**

**Dr. Subhankar Debnath**  
Assistant Professor (Agri. Engg.)  
SoABE, CUTM

**\*\* E-Certificates will be issued to the participants**

## Invitation Mail

Webinar on "Solar-powered Agricultural Machines" on 27th January 2024 from 10.00 am to 11.00 am



**Subhankar Debnath** <subhankar.debnath@cutm.ac.in>

Tue, Jan 23, 11:58 AM (3 days ago)



to Students, Students, STUDENTS, STUDENTS, STUDENTS, STUDENTS, Nanda, KORLA, Registrar, SAGAR, VEERA, Dinkar, School, All

Dear Students,

It is our pleasure to inform you that the Research Center for Smart Agriculture, Centurion University of Technology and Management, Odisha is organizing a webinar on "Solar-powered Agricultural Machines" on 27th January 2024 from 10.00 am to 11.00 am. The flyer along with the registration link for the webinar is attached herewith for your reference. Please register for the webinar on or before 26th January 2024. E-certificates will be issued to the registered participants after successful participation.

Registration Link: <https://forms.gle/Dnstv9MxezUc7cn16>

Resource Person:

**Dr. Shankha Koley**

Assistant Professor & HoD

School of Agriculture and Allied Sciences

The Neotia University, West Bengal

**Note:** The Google Meet link for the same will be shared with registered participants.

Regards,

**Subhankar Debnath**

Assistant Professor

Training and Placement coordinator

Department of Agricultural Engineering

School of Agricultural and Bio-Engineering

Centurion University of Technology & Management

Paralakhemundi, 761211

Mobile (📞) : +91-9046403822

One attachment • Scanned by Gmail



## Snapshots of the webinar

Shankha Koley (Presenting)

### SOLAR POWERED AGRICULTURAL MACHINES

Dr. Shankha Koley  
School of Agricultural & Allied Sciences  
The Hindu University

10:12 AM | qsr-wmvi-fcg

### Solar Power Advantages and Disadvantages

**Advantages:**

- Environmentally friendly
- Renewable energy source
- Low operating costs
- Long lifespan
- Reduced carbon footprint
- Energy independence
- Job creation
- Government incentives
- Scalability
- Low maintenance
- Energy storage options
- Reduced energy bills
- Increased property value
- Energy security
- Reduced air pollution
- Energy efficiency
- Low noise levels
- Energy resilience
- Energy diversity
- Energy conservation
- Energy innovation
- Energy sustainability
- Energy security
- Energy independence
- Energy resilience
- Energy diversity
- Energy conservation
- Energy innovation
- Energy sustainability

**Disadvantages:**

- High initial costs
- Intermittent energy source
- Land requirements
- Energy storage challenges
- Grid integration issues
- Weather dependence
- Energy density
- Energy efficiency
- Energy conservation
- Energy innovation
- Energy sustainability
- Energy security
- Energy independence
- Energy resilience
- Energy diversity
- Energy conservation
- Energy innovation
- Energy sustainability

### SOLAR THERMAL CONVERSION SYSTEMS

10:12 AM | qsr-wmvi-fcg

### Future of agri-voltages in India

10:12 AM | qsr-wmvi-fcg

### Participant List

<i>Sl. No</i>	<i>Name of Participant</i>	<i>Institute ID</i>	<i>Email ID</i>	<i>Mobile Number</i>
1	Abu Bakkar Siddik	AE-2022-02-B	paulargha94@gmail.com	8101939896
2	Adrija Chakraborty	223001000000	223001170008@cutm.ac.in	8252019080
3	Aminul Islam	TNU2021032100160	aminul.ubkv@gmail.com	7278934030
4	Anukul Das	AE-2020-03-B	dasanukul12345@gmail.com	7479307611
5	Argha Paul	AE-2022-02-B	paulargha94@gmail.com	8101939896
6	Arup Mondal	004/PHD/AE/19-20	19arupmondal96@gmail.com	8653141335
7	Asapani Devendra	203001000000	asapanishiva1@gmail.com	8144714546
8	Basudev Sahu	213001170013	213001170013@cutm.ac.in	9827147970
9	Bikram Singha Mahapatra	230805190002	230805190002@centurionuniv.edu.in	9064729779
10	Dhurjjhati Nandan Nayak	223001170013	223001170013@cutm.ac.in	6202840283
11	Dipak Modak	AE-2021-11-B	hajikulislam14108@gmail.com	9883062036
12	Disha Paul	AE-2020-22-B	souvikd618@gmail.com	9002676029
13	Hajikul Islam	22ES1101	sagorikasiku@gmail.com	9333778568
14	Himadri Giri	223001170014	223001170014@cutm.ac.in	9508287984
15	Hrid Dey	AE-2020-11-B	hdey1899@gmail.com	6295661266
16	Hrushikesh Rout	213001170003	213001170003@cutm.ac.in	7683936111
17	J.Rudra Prasad Patro	213001170012	213001170012@cutm.ac.in	9348561174
18	Jakiya Hera	223001170017	223001170017@cutm.ac.in	8521845488



<b><i>Sl. No</i></b>	<b><i>Name of Participant</i></b>	<b><i>Institute ID</i></b>	<b><i>Email ID</i></b>	<b><i>Mobile Number</i></b>
19	Jayita Jantua	230805190015	230805190015@centurionuniv.edu.in	6297295751
20	Kalyani Mahanta	203001170037	203001170037@cutm.ac.in	9556089997
21	Karuna Dev	223001170008	223001170008@cutm.ac.in	8252019080
22	Karunya Jhansi Behara	203001170051	203001170051@cutm.ac.in	8886257199
23	Krishnakali Hait	230805190031	krishasamanta73@gmail.com	7029702727
24	Krishnendu Maity	203001170015	203001170015@cutm.ac.in	7750924077
25	Laxman Malakar	TNU2021032100177	laxman.malakar@tnu.in	7467905305
26	Masud Alam	223001170041	alammasud588@gmail.com	7001646969
27	N.Sumit Kumar	213001170015	213001170015@cutm.ac.in	6372914319
28	Padmabati Kumar	AE-2021-17-B	kumarpadmabati182@gmail.com	7318712077
29	Pankaj Barai	AE-2022-15-B	pankajbarai040@gmail.com	7501160784
30	Payel Mandal	EMPTNU1054	payel.mandal@tnu.in	7278934030
31	Pradip Dey	230805250004	230805250004@centurionuniv.edu.in	7477754615
32	Prajnyashree Sahu	203001170039	203001170039@cutm.ac.in	6371718774
33	Priyanka Paul	230805190014	230805190014@centurionuniv.edu.in	8509050972
34	Priyansu Rath	203001170031	203001170031@cutm.ac.in	8144592727
35	Rajesh Kalasare	EMPPKD0943	rajesh.kalasare@cutm.ac.in	7058505095
36	Ranit Sarkar	203001170011	203001170011@cutm.ac.in	9647464877
37	Ranit Sarkar	203001170011	203001170011@cutm.ac.in	9647464877
38	S M Parvej Nowaj	200804000000	parvejnawaj9@gmail.com	6295331156

<b><i>Sl. No</i></b>	<b><i>Name of Participant</i></b>	<b><i>Institute ID</i></b>	<b><i>Email ID</i></b>	<b><i>Mobile Number</i></b>
39	Sagorika Chakraborty	223001000000	223001170013@cutm.ac.in	6202840283
40	Sakshi Kumari	213001170018	213001170018@cutm.ac.in	7462004266
41	Sarthak Mishra	213001170005	213001170005@cutm.ac.in	8458065563
42	Satyanarayan Das	213001000000	213001170009@cutm.ac.in	8984955489
43	Shiwani Priya	203001170025	203001170025@cutm.ac.in	6299798797
44	Shruti Kumari	213001170032	213001170032@cutm.ac.in	7764045289
45	Shuvomoy Mondal	TNU2021032100179	shuvomoymondal4677@gmail.com	8001480366
46	Smrutisikha Patnaik	200804130069	200804130069@cutm.ac.in	7815078914
47	Snigdha Das	AE-2021-22-B	dassnigdha184@gmail.com	9907297311
48	Soumitra Mallick	AE-2022-23-B	soumitramallick7171@gmail.com	9832715841
49	Soumya Ranjan Mantry	213001170033	213001170033@cutm.ac.in	8260715236
50	Soumya Ranjan Sadangi	223001170012	223001170012@cutm.ac.in	7847901095
51	Souvik De	AE-2021-26-B	souvikde.arup@gmail.com	7003878793
52	Souvik Mahapatra	230805190001	souvikmahapatra725@gmail.com	9635090033
53	Subharanjan Gadanayak	213001000000	213001170004@cutm.ac.in	8114973542
54	Subhasmita Pradhan	203001170019	203001170019@cutm.ac.in	7205350738
55	Subrajyoti Das	AE-2022-26-B	subrajyotidas2004@gmail.com	6294304887
56	Surajit Patra	230805190011	surajitpatra588@gmail.com	7318712052
57	Surandip Nayak	213001170025	213001170025@cutm.ac.in	7735596207
58	Sweety Rani Bhuyan	213001170006	213001170006@cutm.ac.in	7848808567

<i>Sl. No</i>	<i>Name of Participant</i>	<i>Institute ID</i>	<i>Email ID</i>	<i>Mobile Number</i>
59	Tanmoy Biswas	AE-2020-L-24-B	tanmoybiswas9143@gmail.com	6290761301
60	Tatikonda Navya Satya Sri Sai Lakshmi	200804130215	200804130215@cutm.ac.in	9866269692
61	Trinath Mohapatra	223001170015	223001170015@cutm.ac.in	7847008427
62	Trisha Manna	TNU2021032100156	trisha.manna@tnu.in	9123686824
63	Valla Rahul	203001000000	203001170015@cutm.ac.i	9668485146
64	Abu Bakkar Siddik	AE-2022-02-B	paulargha94@gmail.com	8101939896



**Dr. Sagar Maitra**

**Research Centre Coordinator**



**Dr. Dinkar Gaikwad**

**Research Centre Coordinator**



**Mr. Y.V. Pratap**

**Research Centre CEO**



# A REPORT ON

## 2 DAYS HANDS-ON TRAINING ON MOLECULAR BIOLOGY TECHNIQUES

(8<sup>th</sup> & 9<sup>th</sup> Nov, 2024)

### **Date and Venue:**

This 2 days' workshop took place on 8th & 9th Nov, 2024, at Department of Botany, School of Applied Sciences in association with the Centre for Genetics and Genomics Research center, and Cenomics at Centurion University of Technology and Management on offline mode. A total number of 10 students participated in the hands-on training program from different institutes.

### **Objectives:**

The 2 days workshop was conducted to give hands-on experience to students and faculty members on several techniques and tools. Our main objectives are to provide practical experience in the field by bridging the gap between theoretical knowledge and real-world applications in the field of tissue culture, molecular biology & bioinformatics. Additionally, the internship provided opportunities for networking, professional development, and enhancing critical thinking and problem-solving skills to the interns.

**No. of Students Participated:** 10

### **Convener Details:**

1. **Dr. Rukmini Mishra**, Head of Department of Botany and Coordinator of the Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management
2. **Dr. Jatindra Nath Mohanty**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.

### **1st day details with few snap**

On the first day of the internship, Dr. Jatindra Nath Mohanty delivered an insightful talk on “Introduction to Molecular Biology,” covering the history, principles, and applications of molecular biology techniques. He also outlined the objectives of the internship. Following this, he explained reagent preparation and the process of DNA isolation from various sources, including plants, animals, fungi, bacteria, and plasmids. Under the supervision of Dr. Jatindra Nath Mohanty and the assistance of Mr. Subham Jyoti Sahoo and Ms. Ankita Sahu, the interns performed plasmid DNA isolation from overnight bacterial cultures using alkaline lysis method. They quantified and qualified the isolated DNA using a Biophotometer, guided by Mr. Subham Jyoti Sahoo and Ms. Ankita Sahu. The interns then proceeded to vector construction using the isolated plasmid. They performed restriction digestion followed by the ligation of the desired sequence into the digested plasmid, completing the vector preparation process.



### **2<sup>nd</sup> day of the Workshop**

On the second day, the session began with a detailed briefing by Ms. Archita Patra on vector construction and the principles and methods for diagnosing vectors. Following this, under the supervision of Dr. Jatindra Nath Mohanty and Ms. Archita Patra, students performed PCR using the constructed plasmid and the appropriate primer pair to confirm the insertion of the desired gene into the vector. They also gained valuable insights into the uses of plasmids.

The students were taught how to prepare competent cells and carry out plasmid transformation using two methods: the heat shock method and electroporation. This session was guided by Ms. Sonu Priya Sahu, providing students with practical knowledge of these techniques. Later in the day, Ms. Debasmita Dash delivered an expert talk on plant tissue



culture, where she thoroughly explained media preparation and various plant tissue culture techniques. Following the talk, students engaged in hands-on training on callus culture, enhancing their understanding of the process. The day concluded with a campus tour led by Mr. Subham Jyoti Sahoo, Ms. Archita Patra, and Ms. Subhasmita Mallik. The tour offered students a glimpse into the facilities and environment, rounding off an enriching day of learning and exploration.



### **Valedictory program:**

The valedictory program was graced by Dr. Yashaswi Nayak, Associate Professor, Head of the Department of Zoology, and Dean of the School of Applied Sciences at Centurion University of Technology and Management, along with co-convener Dr. Jatindra Nath Mohanty. The event celebrated the interns' achievements, culminating in a prize distribution based on their performance. Interns shared their experiences from the past two days, expressing gratitude and joy for the hands-on training they received in areas like plant tissue culture and molecular biology. The program highlighted the practical knowledge gained, fostering enthusiasm and appreciation among the participants for the learning opportunity.





**Organized by:**  
**CenOmics**

**& In association with:**  
**Department of Botany &**  
**Center of Genetics & Genomics**

TWO DAYS HANDS - ON TRAINING ON:

# MOLECULAR BIOLOGY TECHNIQUES

## TOPICS INCLUDED:

- Vector Construction
- Restriction Digestion
- Cloning & Transformation
- Colony PCR
- Plant Tissue Culture Techniques

**8th & 9th**  
**NOV 2024**

9.30 am-5.00 pm

## REGISTER NOW:


<https://rzp.io/rzp/9VFWsIFT>

## For queries contact:

**Dr. Rukmini Mishra,**  
Associate Professor, Department of Botany, SoAS,  
Centurion University of Technology & Management  
E-mail: [rukmini.mishra@cutm.ac.in](mailto:rukmini.mishra@cutm.ac.in)  
Contact: 7077320293

Registration  
Fees:

**Rs. 1500/-**

 [cenomics@gmail.com](mailto:cenomics@gmail.com)

 +91 7077320293

 @INSTAGRAM/ cenomics

 [facebook.com/cenomics](https://facebook.com/cenomics)

**Venue:**

**CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, ODISHA**



An initiative by  
**CENOMICS**  
TRAININGS & SERVICES

*This certificate is awarded to,*

*From*

*for successfully completing "2 Days Hands-on Training on Molecular Biology Techniques."*

*held on 3rd & 4th of December 2024 organised by*

**CenOmics**

*in association with* **Department of Botany, SoAS, CUTM**

**Dr. Jatindra Nath Mohanty**  
(Convener)

**Dr. Rukmini Mishra**  
(Head, Dept, of Botany)

**Dr. Yashaswi Nayak**  
(Dean, SoAS)

*Rukmini Mishra*

**Dr. Rukmini Mishra**  
(Program Co-Ordinator)

*Y. Nayak*

**Dr. Yashaswi Nayak**  
(Dean, SoAS)





## A REPORT ON

### 3 days hands on Training on “Basics Techniques of Molecular Biology”

(23<sup>rd</sup> November - 25<sup>th</sup> November, 2023)

#### **Date and Venue:**

The 3 days hands on training on “Basics Techniques of Molecular Biology”, took place on 23<sup>rd</sup> November - 25<sup>th</sup> November, 2023, at Department of Botany, School of Applied Sciences in association with the Centre for Genetics and Genomics Research center, and Cenomics at Centurion University of Technology and Management on offline mode. A total number of 41 students in the hands-on training program from the different university of Odisha were participated

#### **Inaugural Session:**

The 3 days hands-on training started with the inaugural session on 23<sup>rd</sup> of November at seminar hall, Aryabhata building. Dr. Gyanaranjan Mahallik, Head of Department of Botany encouraged others to learn new skills. The program started with lightning of lamps by the Dignitaries. Dr. Yashaswi Nayak, Dean, School of Applied sciences addressed the gathering about the importance of molecular biology. The program coordinator requested the faculties to enlighten with their words of wisdom. Dr. Jatindra Nath Mohanty, Dr. Madhusmita Barik gave a brief explanation about the training.



Inauguration time with Dean Madam and all participants' faculties and interns

#### **Objectives:**

The training was conducted to give hands-on experience to students and faculty members on several techniques and tools. Our main objectives are to provide practical experience in the field by bridging the gap between theoretical knowledge and real-world applications in the

field of molecular biology. Additionally, the training provided opportunities for networking, professional development, and enhancing critical thinking and problem-solving skills to the students

**No. of Students Participated: 41**

#### **Convener Details:**

1. **Dr. Jatindra Nath Mohanty**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.
2. **Dr. Madhusmita Barik**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.
3. **Dr. Animesh Pattnaik**, Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.

#### **Details**

students performed DNA isolation from a plant leaf sample, carried out all the hands-on steps involved in the DNA isolation process supervised by Dr. Jatindra Nath Mohanty, with the help of Mr Dibyashree S Jena, Mr Subham Jyoti Sahoo



DNA isolation experiment with demonstration and hands on by trainee



Dr. Jatindra Nath Mohanty delivered a lecture on principles of PCR, its mechanism and its applications in the field of Molecular Biology. He then guided the participants to set up a reaction mixture for DNA amplification using PCR machine (Thermo Cycler). The principle and use of PCR components were explained to them and they performed PCR. They also gained hands-on experience in performing PCR after master mix preparation. The gel electrophoresis were instructed and performed. Dr. Mohanty and Mr. Subhamjyoti Sahoo separated the PCR products and other nucleic acids that were previously isolated using 2% and 0.8% agarose gel electrophoresis. The participants were taught how to prepare agarose gel using different buffers, how to load the gel with tracking dye, and the utilization of staining dye for visualizing DNA bands in agarose gel electrophoresis. The trainee also gained hands-on experience in performing all the above mentioned procedure, supervised by Dr. Mohanty with the help of Mr Dibyashree S Jena, Mr Subham Jyoti Sahoo



PCR and gel electrophoresis experiment demonstration and hand on image by interns



Gel elution, ligation and cloning experiments

**The 3<sup>rd</sup> days** started with the talk by Animesh Pattnaik on basics of bioinformatics. Talked about thorough analysis on different database like NCBI, PUBMED, PUBCHEM, PDB were performed and instructed by Animesh Pattnaik. The NGS data analysis and specifically the transcriptome data analysis were performed by Animesh Pattnaik with the help of our NGS commander software. Demonstration of Nanopore sequencing was done by Dr Rukmini Mishra and Dr. Jatindra Nath Mohanty instructed the Oxford Nanopore MinION platform, providing an overview of its functioning in NGS.



Basic bioinformatics classes and software analysis

### **Valedictory program:**

The valedictory program graced by esteemed guests including Dr. Biswajit Mishra, Pro Vice Chancellor of Centurion University of Technology and Management, Dr. Yashaswi Nayak, Dean of the School of Applied Sciences at Centurion University of Technology and Management, as well as all the staff of the Department of Botany and Zoology. The validation program was conducted to acknowledge the trainee achievements, and prize distribution took place based on their performance. During the program, the interns had the

opportunity to share their experiences from the past 3 days. They expressed their happiness and gratitude for the hands-on practical experience they gained in molecular biology, sequencing, and bioinformatics.



Prize distribution program photo

← → 8 of 38

3-day Hands-on Training in Basic techniques of Molecular Biology. (23rd - 25th Nov 2023) Index x

**Center for Genomics** <cenomics@gmail.com> Wed, Nov 22, 2023, 9:32 PM  
to 230704170016, srupalikswan2004, jogrut98278, 230705180040, Sushree, mitalitanushree, Mousumi, Sima, Ashish, swetaleenasatpathy8464, ashvashoo084, mukhtamjanisahoo2003, 23C

Dear participants,

Congratulations!!!! on successfully registering for "3-day Hands-on Training in Basic techniques of Molecular Biology", organized by the CENOMICS Trainings & Services in association with the Department of Botany, SoAS, CUTM, BBSR Campus. The Workshop will begin on the 23rd of November, 2023 (Thursday) at 9:30 am. The timing for the entire Internship will be from 10:00 am to 5 pm. You are requested to be on time and participate actively. Also, kindly bring below mentioned objects if possible

- Aprons
- Updated CV (One page, Need to be submitted at Registration or during the Workshop)

**\*Registration Time - 9:30am-10:00am. 23/11/2023(Thursday)**  
**Kindly reach the venue on time for registration & Inaugural Ceremony.**

Kindly join the WhatsApp group via the link below for the internship:  
<https://chat.whatsapp.com/ICx4913ifl55rgNg7nLWXa>

Please click the link to know more about our lab:  
[https://youtu.be/Wel\\_p\\_oFFXIM](https://youtu.be/Wel_p_oFFXIM)

You can ask your questions and any other queries in the WhatsApp group or





## A REPORT ON

### 2 days hands on Training on “Nanopore Sequencing and Downstream Analysis”

(15<sup>th</sup> April - 16<sup>th</sup> April, 2024)

#### Date and Venue:

The 2 days hands on training on “Nanopore Sequencing and Downstream Analysis”, took place on 15<sup>th</sup> April - 16<sup>th</sup> April, 2024, at Department of Botany, School of Applied Sciences in association with the Centre for Genetics and Genomics Research center, and Cenomics at Centurion University of Technology and Management on offline mode. A total number of 10 students in the hands-on training program from the different university of Odisha were participated like Berhampur University, Sambalpur University, RD women University.

#### Inaugural Session:

The 2 days hands-on training started with the inaugural session on 15<sup>th</sup> of April at Room No 410, Madhusudan building. Dr. Rukmini Mishra, Head of Department of Botany encouraged others to learn new skills. The program coordinator requested the faculties to enlighten with their words of wisdom. Dr. Jatindra Nath Mohanty, Dr. Animesh pattnaik gave a brief explanation about the training.



Inauguration time with Dr. Rukmini Mishra Madam and all participants'and faculties

## Objectives:

The training was conducted to give hands-on experience to students and faculty members on several techniques and tools. Our main objectives are to provide practical experience in the field by bridging the gap between theoretical knowledge and real-world applications in the field of sequencing, precisely the nanopore sequencing techniques. Additionally, the training provided opportunities for networking, professional development, and enhancing critical thinking and problem-solving skills to the students

**No. of Students Participated: 10**

## Convener Details:

1. **Dr. Jatindra Nath Mohanty**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.
2. **Dr. Animesh Pattnaik**, Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.

## Details

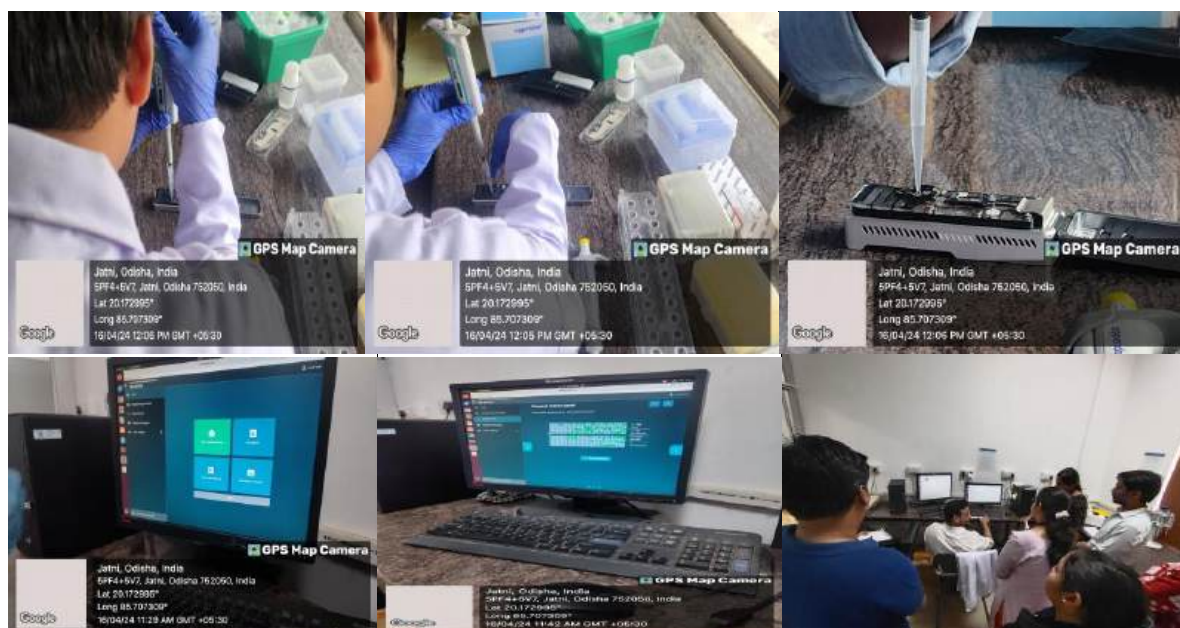
The students performed wet lab work related to sequencing like library preparation of microbial genomic DNA, carried out all the hands-on steps involved in the sequencing process supervised by Dr. Jatindra Nath Mohanty, with the help Mr Subham Jyoti Sahoo



Library preparation with demonstration and hands on by trainee



The trainee also gained hands-on experience in sample loading, sequencing, base calling, sequence analysis, sequence enrichment and genome viewer in dry lab techniques. All the above mentioned procedure, supervised by Dr. Mohanty and Dr. Animesh Pattnaik with the help of Mr Subham Jyoti Sahoo



Sample loading, sequencing, base calling, sequence analysis, sequence enrichment and genome viewer experiment demonstration and hand on image by students

### **Valedictory program:**

The validation program was conducted to acknowledge the trainee achievements, and certificate distribution took place to all the participants from different university. During the program, the interns had the opportunity to share their experiences from the past 2 days. They expressed their happiness and gratitude for the hands-on practical experience they gained in Nanopore sequencing and data analysis.



Image of Prize distribution program





## 2 Days hands-on training on:

# Nanopore Sequencing Downstream Analysis

**Organized by:**  
**CenOmics**  
A startup incubated within Centurion University of Technology and Management.

**In association with:**  
DEPARTMENT OF BOTANY, SOAS, CUTM



15th - 16th  
APR 2024  
10.00 - 05.00 PM

**₹. 2,000 /-\* only**  
\*(Includes study materials, chemicals & Certificate)

**ANY QUERIES???**  
CONTACT:  
Dr. Rukmini Mishra,  
Associate Professor & Head, Department of Botany,  
SoAS, CUTM, BBSR  
CEO : CenOmics  
Mob: 7077320293  
Mail: rukmini.mishra@cutm.ac.in

**REGISTER NOW:**  
<https://forms.gle/7fMPAdjCMt4p95Y6Z>

- Library Preparation.
- Sample Loading.
- Sequencing.
- Base Calling.
- Sequence Enrichment.
- Downstream Analysis (Variant Calling Analysis)
- Genome viewer.



**MinION**

**Venue:**  
**CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, ODISHA**

**FOR MORE INFO VISIT:**  
[www.Cenomics.in](http://www.Cenomics.in)  
[info@cenomics.in](mailto:info@cenomics.in)

[cenomics@gmail.com](mailto:cenomics@gmail.com) 

+91 7077320293 

@INSTAGRAM/ cenomics 

facebook.com/cenomics 



## 2 Days Hands-on training on Nanopore Sequencing & Downstream Analysis

Inbox x

R

**Rukmini Mishra**

to allstudents, ALL, Babu ▾

Fri, Apr 5, 11:06 AM (13 days ago)



Dear Students,

Hope you are doing well!

Dept. of Botany in association with CenOmics is going to organize a '2 Days hands-on training on Nanopore Sequencing & Downstream Analysis'. You will get an opportunity to understand the basics of sequencing and other details like Sample Preparation, Sample Loading, Sequencing, Base Calling, Sequence Enrichment, Downstream Analysis (Variant Calling Analysis) & Genome viewer.

For more information, please go through the flyer below. 10 students per batch. So hurry up!!

Interested students can register in the link below.

<https://forms.gle/WCBZcWEc8mkuZC2b8>

**Dr. Rukmini Mishra,**

Associate Professor and Head,

Department of Botany,

School of Applied Sciences,

Centurion University of Technology and Management,

Odisha India



An initiative by



*This certificate is awarded to,*

From.....

**FOR SUCCESSFULLY COMPLETING "2 DAYS HANDS-ON TRAINING ON NANOPORE  
SEQUENCING & DOWNSTREAM ANALYSIS."**

*held on 15th to 16th April 2024 organized by*

**CenOmics**

*in association with* **Department of Botany, SoAS, CUTM**

**Dr. Rukmini Mishra**  
(Convener & Head,  
Department of Botany)

**Dr. Yashaswi Nayak**  
(Dean, SoAS)

**Prof. Supriya Pattanayak**  
(Vice Chancellor)

*Rukmini Mishra*

**Dr. Rukmini Mishra**

**(Program Co-Ordinator)**

*Y. Nayak*

**Dr. Yashaswi Nayak**

**(Dean, SoAS)**



## A REPORT ON

### Summer Internship 2024

### “Tools and Techniques of Molecular Biology & Bioinformatics”

(20<sup>th</sup> May- 12<sup>th</sup> June, 2024)

#### **Date and Venue:**

The Summer Internship 2024 took place on 20<sup>th</sup> May- 12<sup>th</sup> June, 2024, at Department of Botany, School of Applied Sciences in association with the Centre for Genetics and Genomics Research center, and Cenomics at Centurion University of Technology and Management on offline mode. A total number of 50 students participated in the hands-on training program from different institutes including CUTM like Kalam Institute of Science and Technology, Brahmapur, Utkal University, Govt. Autonomous College, Rourkela, Gangadhar Meher University, Sambalpur, Biju Pattnaik College of Science and Education, Bhubaneswar and also from IIT Kharagpur.

#### **Inaugural Session:**

The 21 days hands-on training started with the inaugural session on 20<sup>th</sup> of May at hall-6, Aryabhatta building. Dr. Rukmini Mishra, Head of Department of Botany and Coordinator of the program welcomed all the participants and encouraged others to learn new skills. The program started with lightning of lamps by our Vice Chancellor Prof. Supriya Pattnaik Madam, Pro Vice Chancellor Dr. Biswajit Mishra Sir, Dean School of Applied Sciences Dr. Yashaswi Nayak. All the dignitaries addressed the gathering and encourage the participants by saying the importance of the internship “Tools and Techniques of Molecular Biology & Bioinformatics”. The program coordinator requested the faculties to enlighten with their words of wisdom. Dr. Sagarika Parida, Dr. Madhusmita Barik, Dr. Jatindra Nath Mohanty, Dr. Kalpita Bhatta, and Dr. Animesh Pattnaik gave a brief explanation about the internship. Finally the program is ended with vote of thanks by Dr. Madhusmita Barik.







Inauguration time with Vice Chancellor Prof. Supriya Pattnaik Madam, Pro Vice Chancellor Dr. Biswajit Mishra Sir, Dean School of Applied Sciences and all participants' faculties and interns

### Objectives:

The internship was conducted to give hands-on experience to students and faculty members on several techniques and tools. Our main objectives are to provide practical experience in the field by bridging the gap between theoretical knowledge and real-world applications in the field of tissue culture, molecular biology & bioinformatics. Additionally, the internship provided opportunities for networking, professional development, and enhancing critical thinking and problem-solving skills to the interns.

**No. of Students Participated: 50**

### Convener Details:

1. **Dr. Rukmini Mishra**, Head of Department of Botany and Coordinator of the Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management
2. **Dr. Jatindra Nath Mohanty**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.
3. **Dr. Madhusmita Barik**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.
4. **Dr. Animesh Pattnaik**, Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management.

5. **Dr. Srimay Pradhan**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management
6. **Dr. Bhageswari Behera**, Department of Botany and Centre for Genetic Engineering and Genomics. School of Applied Sciences, Centurion University of Technology and Management

### **1st week details with few snap**

On the first day of the internship, Dr. Jatindra Nath Mohanty delivered an expert talk on “Introduction to Molecular Biology”. He explained about the basics of molecular biology technique, including history, principles, and applications. After the expert talk, participants were escorted to a campus visit with Dr. Gyanranjan Mahalik to look around and observe other works that are going on in campus. They visited Pollinator paradise and learned about the little biodiversity that is beautifully maintained on the campus. Dr. Mahalik explained about the motive of SoAS to maintain a good environment on campus for sustainable development. Dr. Jatindra Nath Mohanty explained details on reagent preparation (CTAB Buffer), procedure and concept of DNA isolation from plant animal, fungus, bacteria, and plasmid as well on the second day. The interns performed DNA isolation from a plant leaf sample and carried out all the hands-on steps involved in the DNA isolation process in two groups supervised by Dr. Jatindra Nath Mohanty, with the help of Mr Dibyashree S Jena, Mr Subham Jyoti Sahoo, Ms Archita Patra, Ms Ankita sahu. Dr. Jatindra Nath Mohanty delivered a lecture on principles of PCR, its mechanism and its applications in the field of Molecular Biology the 3rd day. . They also got an insight into the types of molecular markers, its uses, and marker-assisted selections in this session. He then guided the participants to set up a reaction mixture for DNA amplification using PCR machine (Thermo Cycler). The principle and use of PCR components were explained to them and they performed PCR. It is followed by hands- on training of pcr master mix preparation and performing PCR in 2 groups with co-operation of Mr Dibyashree S Jena, Mr Subham Jyoti Sahoo, Ms Archita Patra, Ms Ankita sahu. The 4th day they got a demonstration of RNA isolation and handling of RNA with Mr. Subham Jyoti Sahoo Ms Archita Patra, Ms. Sonuriya sahu and Mr Dibyashree S Jena. On 24th May 2024, a talk on the Basics of Bioinformatics and Molecular Biology was conducted by Dr. Animesh Pattnaik. The session was designed to provide foundational knowledge and hands-on experience in bioinformatics tools and techniques, primarily focusing on the use of various databases and software for biological data analysis. The event was highly beneficial for interns and professionals seeking to

enhance their skills in bioinformatics and molecular biology. Dr. Pattnaik began the session with an introduction to bioinformatics and its significance in modern biological research. He emphasized the importance of bioinformatics in analyzing and interpreting biological data, which is crucial for advancements in genomics, proteomics, and molecular biology. During the talk, Basic Bioinformatics for thorough analysis on different database like NCBI, PUBMED, PUBCHEM, PDB were performed and instructed. Dr. Pattnaik provided an in-depth overview of several essential bioinformatics databases: Explained its vast repository of biological data, including nucleotide sequences, protein sequences, and genomic information. Demonstrated how to search for specific sequences and retrieve relevant data for further analysis. Highlighted its role as a comprehensive database of scientific literature in the life sciences. Showed techniques for efficient literature searches, utilizing filters and advanced search options. Discussed its utility in chemical information, including small molecules and their biological activities. Demonstrated how to search for chemical compounds, their structures, and related bioactivity data. Introduced its repository of 3D structural data of proteins and nucleic acids. Explained how to access and interpret protein structures for functional and interaction studies.

In the 2<sup>nd</sup> half Dr. Pattnaik start the training with the Interns received hands-on training in several key bioinformatics techniques: Utilized tools to align multiple sequences to identify regions of similarity and infer functional or evolutionary relationships. Conducted pairwise alignments to compare two sequences, aiding in identifying mutations or conserved regions. Guided the interns through the process of constructing phylogenetic trees using MEGA 11 software. Explained different methods of tree construction and their applications in evolutionary biology. Introduced various tools to study protein-protein interactions. Demonstrated how to predict and visualize interactions, which are vital for understanding cellular processes and developing therapeutic strategies. The talk by Dr. Animesh Pattnaik was a highly informative and practical session that equipped interns with essential skills in bioinformatics and molecular biology.





## 2<sup>nd</sup> week details with few snap

In this week, Isolation and digestion of plasmid DNA were carried out under the supervision of Dr. Jatindra Nath Mohanty & by Ms. Archita Patra, Ms. Sonupriya Sahoo, Mr. Dibyashree s Jena & Ms. Subhasmita Mallik. Students get to know about uses of Plasmid and got hands-on experience in isolation of plasmid. They learned how to prepare competent cells and how to do transformation of plasmid in to competent cells using 2 types of methods, those are heat shock method or by using electroporator. In that week, Dr. Jatindra Nath



Mohanty delivered an expert talk on gene cloning and DNA analysis. During the talk, Dr. Mohanty provided detailed explanations on various types of DNA cloning, the use of restriction enzymes and their types, vectors, cloning methods into vectors, methods of gene transfer, and the blue-white screening procedure. Additionally, he showcased three different case studies based on his own research, highlighting the application of gene cloning and analysis, followed by Cloning and transformation of those plasmids in bacterial cell on the next day by Ms. Archita Patra, Ms. Sonupriya Sahoo, Mr. Dibyashree s Jena & Ms. Subhasmita Mallik. They learned how to prepare competent cells and how to do transformation of plasmid in to competent cells using 2 types of methods, those are heat shock method or by using electroporator. On 29th may 2024, the training start on Molecular Docking was conducted by Dr. Animesh Pattnaik. This session aimed to provide a comprehensive understanding of molecular docking, a key technique in computational biology and drug discovery. Dr. Pattnaik's talk covered both the theoretical aspects and practical applications of molecular docking, offering valuable insights and hands-on training to the participants. He emphasized the role of molecular docking in drug discovery, structure-based drug design, and the study of biomolecular interactions. Dr. Pattnaik explained the principles behind molecular docking, including the concepts of binding affinity, binding site, and conformational flexibility. Discussed the importance of accurate docking simulations in predicting the binding mode and strength of interactions between molecules. Introduced different types of scoring functions used to predict the binding affinity of docked molecules. Explained how scoring functions evaluate the fit between the ligand and the target, taking into account various energetic contributions such as van der Waals forces, electrostatics, and hydrogen bonding. Interns received hands-on training in several key aspects of molecular docking: Demonstrated how to prepare the target protein and ligand molecules for docking. Discussed the importance of cleaning the protein structure, removing water molecules, and adding missing atoms or residues. Dr. Animesh Pattnaik introduced popular molecular docking software such as AutoDock, AutoDock Vina, and Glide. Provided step-by-step guidance on setting up and running docking simulations using these tools. Dr. Pattnaik Demonstrated how to analyze and visualize the docking results. Showed techniques to evaluate the binding interactions, such as hydrogen bonds, hydrophobic contacts, and electrostatic interactions. Discussed the significance of validating docking results using experimental data or additional computational methods.

On the next day students got a session about extraction and analysis of phyto -chemicals from different medicinal plants by Dr, Srimay Pradhan and after the session student got hands on experience of doing extraction using Soxhlet apparatus. Throughout the process they get to

know about the sample preparation, solvent selection for extraction of selective phytochemicals or essential oils and handling and assembling soxhlet apparatus guided by Dr. Srimay Pradhan with Ms. Debasmita Dash & Ms. Subhasmita Mallik. In the 2<sup>nd</sup> half of the very same day, they did an antimicrobial activity study of extracted oil or crude extracts.. On the very next day they did phytochemical analysis of the crude extracts of plant sample with Ms. Debasmita Dash & Ms. Subhasmita Mallik and in the 2<sup>nd</sup> half interns have visited our University's renowned botanical collections including the orchid garden, cactus garden and lotus and lily cultivation areas accompanied by our faculty members Dr. Madhusmita Barik and Dr. Bhagyeeswari Behera. This visit aimed to enhance botanical knowledge, and promote environmental awareness.

The faculty members provided an insightful introduction to the significance and unique features of each garden. The orientation set the stage for an engaging and educational tour. In orchid garden the students marveled at the diverse species of orchids. They were explained about the specific growing conditions required for orchids, emphasizing the importance of humidity, light, and temperature. The visiting students were particularly interested in our conservation efforts and research on rare and endangered species. The intricate patterns and vibrant colors of the orchids captivated the students, and they learned about the ecological roles of these fascinating plants. The cactus garden, includes a variety of cacti from different arid regions of the world. Our experts discussed the unique adaptations of cacti, such as water storage, spines, and photosynthesis processes. The students were intrigued by the survival strategies of these resilient plants and asked numerous questions, making the session highly interactive. They also learned about the different species of cacti, grafting mechanism and their ecological importance. The lotus and lily cultivation area in the tank provided a perfect setting for learning about aquatic plants. Our teachers explained the cultivation techniques, growth cycles, and ecological significance of lotuses and lilies. The students enjoyed observing the beautiful blooms and understanding the role of these plants in their natural habitats. They also learned about the traditional and cultural importance of lotus and lily plants. On the next day they did microbial culture with a brief by Mrs. Sunanya Das & Ms. Debasmita Das. Throughout the process, students have done media preparation, plating, streaking, and spread plate preparation in 2 groups handled by Mrs. Sunanya Das, Ms. Debasmita Das, Ms. Subhasmita Mallik, and Mr. Abhijit Pattnaik.





### **3<sup>rd</sup> week details with few snap**

The 3<sup>rd</sup> week started with the microbial DNA isolation from the inoculated sample of previous days. Students have done all the process of DNA isolation with co-operation of Mr. Subham Jyoti sahoo, Ms. Ankita Sahu, Ms. Subhasmita Mallik and Mr. Dibyashree S Jena. They also observed the media plates they have spread and Streaked earlier in previous week and clear the doubts regarding that from Ms. Debasmita Das. On the next day they took a session on Plant tissue culture by Ms. Debasmita Dash, where they learned about different types of tissue culture, tissue culture medias and their composition and practices to do Tissue culture followed by the practicals on media preparation and sample inoculation. On 5<sup>th</sup> June 2024, a hands-on training session on tissue culture techniques was conducted by Dr. Madhusmita Barik .The session aimed to equip students with practical skills and in-depth knowledge of tissue culture methods, which are essential for modern botanical and agricultural research. The training began with an introduction to tissue culture, where madam explained the significance and applications of this technique in plant propagation, genetic modification, and conservation of rare and endangered species. Students learned about the advantages of tissue culture over traditional propagation methods, such as the production of disease-free plants, rapid multiplication, and the ability to grow plants in controlled environments.

The first practical step involved the preparation of the culture medium. Students were introduced to the components of the culture medium, including nutrients, hormones, and gelling agents. Madam demonstrated the process of mixing and sterilizing the medium using an autoclave. Students learned the importance of maintaining aseptic conditions to prevent contamination and ensure successful tissue culture. Next, students were taught how to select and prepare explants, the plant tissues used for culture. Madam explained the criteria for choosing suitable explants and demonstrated the techniques for surface sterilization using



disinfectants and sterile water. The students practiced cutting and preparing explants under sterile conditions, gaining hands-on experience in handling plant tissues with precision and care. The inoculation process involved transferring the prepared explants onto the culture medium. Students learned how to use sterile tools and techniques to place the explants in culture vessels without introducing contaminants. Madam guided the students through the process, emphasizing the importance of maintaining a sterile environment throughout.

After inoculation, the culture vessels were placed in an incubator with controlled temperature, light, and humidity conditions. Students learned about the different stages of plant development in tissue culture, including callus formation, shoot and root development, and acclimatization. Madam provided insights into monitoring the cultures and identifying signs of successful growth or contamination. Towards the end of the session, Madam discussed the practical applications of tissue culture in various fields, such as agriculture, horticulture, forestry, and pharmaceutical research. The students were encouraged to explore the potential of tissue culture techniques in their future research projects and careers.

On 6th of June 2024, Dr. Madhusmita Barik delivered an insightful lecture on "Abiotic and Biotic Stresses" to the students. This lecture aimed to provide students with a comprehensive understanding of the various stresses affecting plant growth and productivity, as well as the mechanisms plants use to cope with these challenges.

The lecture began with an overview of plant stresses, emphasizing the importance of understanding these factors for improving crop yield and sustainability. Madam explained that plant stresses are broadly categorized into abiotic (non-living) and biotic (living) stresses, each with distinct effects on plant health and development. Abiotic stresses includes drought, temperature extremes, salinity, and nutrient deficiencies and biotic stresses includes pathogen, pest and weed.

The lecture concluded with a discussion on integrative approaches to managing plant stresses. Madam emphasized the importance of breeding and biotechnological strategies for developing stress-tolerant crops. The potential of genetic engineering, marker-assisted selection, and modern breeding techniques in improving plant resilience to both abiotic and biotic stresses was highlighted. The lecture on abiotic and biotic stresses provided students with a thorough understanding of the challenges plants face and the complex mechanisms they employ to survive and thrive. Madam's comprehensive approach, combining physiological, biochemical, and molecular perspectives, offered valuable insights into plant stress biology. The knowledge gained from this lecture will be instrumental for students pursuing research and careers in plant science, agriculture, and related fields,



On 7th June, Dr. Jatindra Nath Mohanty delivered an insightful lecture on “DNA sequencing” to the students, where they learned the sequencing from the basic with its history. They learned various types of sequencing to date in society with their principles and merits and demerits. The aim of the lecture is to provide comprehensive knowledge about advanced sequencing technology to the students. Here they understand about the principle and working mechanism of nanopore sequencing with the practicals thereafter where students did the practices with the sequencer under his guidance with Mr. Subham Jyoti Sahoo. They learned about the strategy of nanopore sequencing and thoroughly got an overview on the procedure and practiced sample loading in dummy flow cell.





### **Valedictory program:**

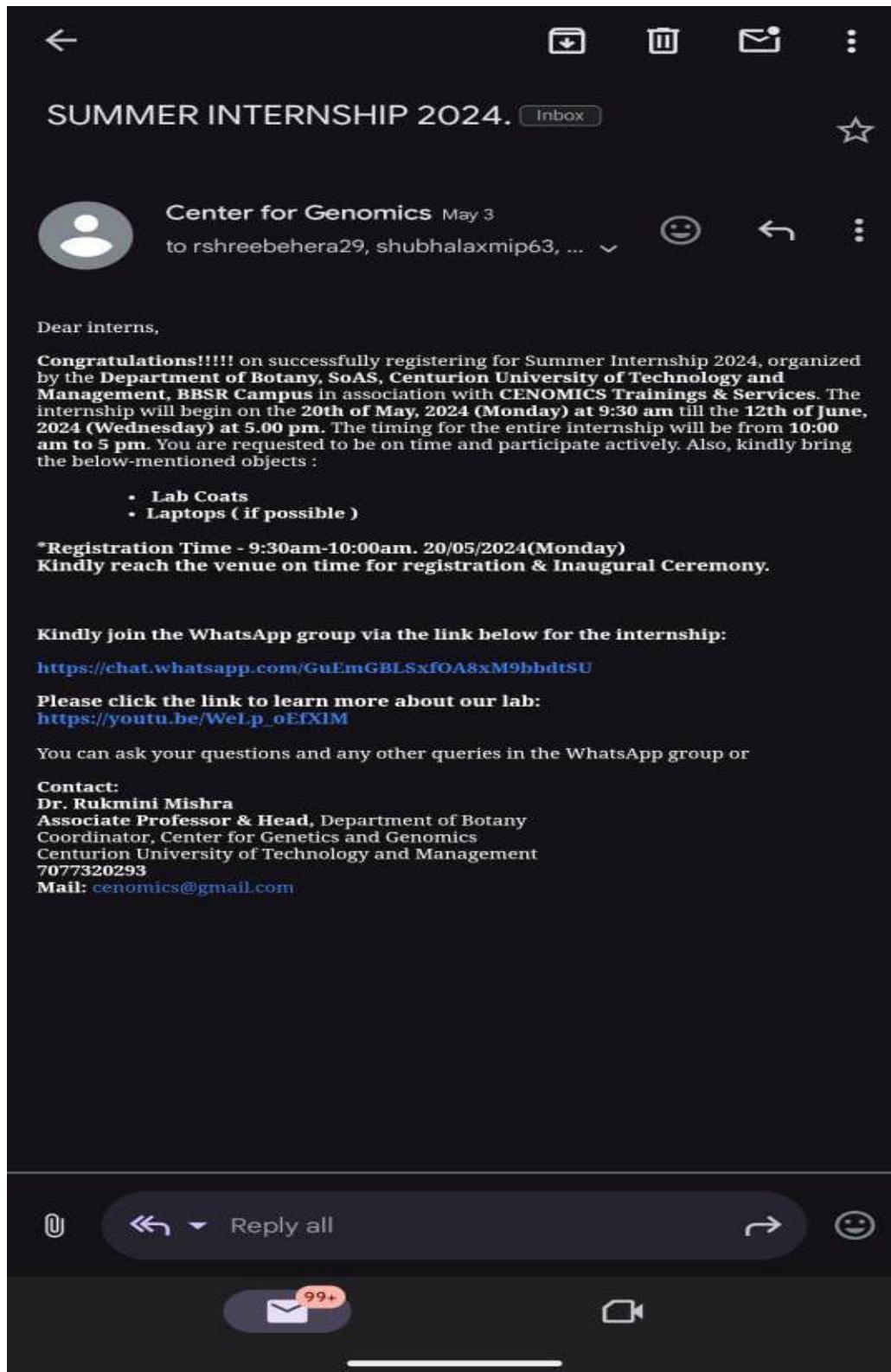
The valedictory program graced by esteemed guests including Dr. Rukmini Mishra, Head, Department of Botany, School of Applied Sciences at Centurion University of Technology and Management, as well as all the staff of the Department of Botany and Zoology. The validation program was conducted to acknowledge the interns' achievements, and prize distribution took place based on their performance. During the program, the interns had the opportunity to share their experiences from the past 21 days. They expressed their happiness and gratitude for the hands-on practical experience they gained in various areas such as plant tissue culture, molecular biology, sequencing, and bioinformatics. The interns found their summer holidays well-utilized and were appreciative of the valuable learning experiences provided to them.















CENOMICS  
TRAININGS & SERVICES

Organized by:  
**Department of BOTANY**

& In association with:  
**CenOmics**

# One Month SUMMER INTERNSHIP 2024

Hands-on training on tools & techniques of MOLECULAR BIOLOGY, NANOPORE SEQUENCING & BIOINFORMATICS

**STARTS From May 20th 2024 , 10.00AM - 05.00 PM**

## WHAT YOU'LL GET:

- Hands-on training and experience
- Study materials
- Internship certificates

## GOT ANY QUERIES???

Contact:

Dr. Rukmini Mishra

Associate Professor & Head, Department of Botany, SoAS, CUTM, BBSR

Coordinator: Centre for Genetics and Genomics

Mob: 7077320293

Mail: [rukmini.mishra@cutm.ac.in](mailto:rukmini.mishra@cutm.ac.in)

## REGISTRATION FEE:

**RS. 5000/-**

(Includes chemical and consumable expenses study materials & Certificate)  
**Food & Accommodations extra.**

[cenomics@gmail.com](mailto:cenomics@gmail.com)

+91 7077320293

@INSTAGRAM/ cenomics

facebook.com/cenomics

## FOCUS AREAS:

- Isolation, Purification & Quantification of genomic DNA/ RNA (Plants, Bacterial & Fungal)
- PCR & types of Markers.
- Gene cloning & Transformation
- Restriction digestion, Ligation, Colony PCR
- Plant Tissue culture
- Bioinformatics analysis (transcriptomics, whole genome sequencing & variant calling)
- Molecular docking & simulations.
- Plant propagation and culture. (Orchids, Lotus, Waterlilies, Cacti & Succulents)

## REGISTRATION:

<https://forms.gle/fH3mXFDRvH75nYLy7>

FOR MORE INFO VISIT:

[www.Cenomics.in](http://www.Cenomics.in)  
[info@cenomics.in](mailto:info@cenomics.in)

Venue:

**CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, BHUBANESWAR CAMPUS**



*This certificate is awarded to,*

From \_\_\_\_\_

**FOR SUCCESSFULLY COMPLETING "SUMMER INTERNSHIP 2024"**

*held from 20th May 2024 to 12th June 2024 organized by*

**Department of Botany, SoAS, CUTM**

*in association with Center for Genetics and Genomics.*

**Dr. Rukmini Mishra**  
(Convener & Head,  
Department of Botany)

**Dr. Yashaswi Nayak**  
(Dean, SoAS)

**Prof. Supriya Pattanayak**  
(Vice Chancellor)

*Rukmini Mishra*

**Dr. Rukmini Mishra**  
(Program Co-Ordinator)

*Y. Nayak*

**Dr. Yashaswi Nayak**  
(Dean, SoAS)



## A REPORT ON TWO DAYS WORKSHOP ON

### Taxonomic Methods: Exploration, Identification, Nomenclature & Preservation of Plant Resources

**Date:** 19<sup>th</sup> & 20<sup>th</sup> January 2024

**Time:** 09:30 – 05:00PM

**Organizer-** Department of Botany, School of Applied Sciences, Centurion University of Technology and Management

**Number of Students/ Faculties participants-** 120

**Co-ordinator details-** Dr. Srimay Pradhan

**Resource person details-**

**Dr. Dalip Kumar Upreti**, CSIR-Emeritus Scientist at CSIR-NBRI, Lucknow.



Dr. Dalip Kumar Upreti, is serving as CSIR-Emeritus Scientist at CSIR-NBRI, Lucknow. He initiated his career in the field of Lichenology under the guidance of Late Dr. D.D. Awasthi at Lucknow University, Lucknow, in the eighties of the last century. Dr. Upreti joined CSIR-NBRI Lucknow as Scientist where subsequently held various scientific and administrative positions including Senior Scientist, Senior Principal Scientist, Officiating Director, Chief Scientist and Member of Management Council, CSIR-NBRI. He is a Life member of number of Academic Societies including British Lichen Society; International Association of Lichenologist (IAL); Society of Ethnobotanist; Kaul Science Foundation; Palaeobotanical Society of India; Association for Plant Taxonomy; Society of Herbal medicine and Himalayan Biodiversity; International Society of Environmental Botanists; International Council for Biodeterioration of Cultural Properties; Indian Science Congress; Indian Botanical Society; Green Earth Foundation. He has served as Editor of Phyto-taxonomy; International Council for Biodeterioration of Cultural Properties” Newsletter; Indian Botanical Society, India; Executive consultant- Paleobotanical Society India; Treasurer -Society of Ethnobotanist; Treasurer-International Society of Environmental Botanist (ISEB), India; President (Founder)- Indian Lichenological Society (ILS), India.

**Dr. Kunja Bihari Satapathy**, Emeritus Scientist, Department of Botany, School of Applied Sciences, Centurion University of Technology and Management.



Dr. Kunja Bihari Satapathy is currently working as an Emeritus Scientist in the Department of Botany, School of Applied Sciences, Centurion University of Technology and Management. He supervised 26 students in their Ph.D. research work in the fields of Botany, Zoology, Environmental Science, Microbiology, and Life Sciences, and 25 students in M.Phil. To his credit he has published 13 Books and 320 number of research papers in National and International Journals, in book chapters as well as conference proceeding volumes. His books on 'Herbal cure of Diabetes' and '*Azolla* as Biofertilizer & Waste Disposer' published in three international languages has been acclaimed worldwide. Dr. Satapathy have successfully executed 07 major research projects sponsored by UGC, OBB, ICAR, NINL and 12 consultancy projects on Biodiversity study funded by several industrial houses including NALCO, MIEL, MCCL, Bhusan Steel Ltd., NINL, Visa Steel, Maithan, OSIL etc.

**Dr. Nabin Kumar Dhal**, Chief Scientist & Head, Environment & Sustainability Department, CSIR-Institute of Minerals and Materials Technology



Dr. Nabin Kumar Dhal earned a Ph D degree in Floristic and Ethno botanical studies from Utkal University under the guidance of Late. Dr. M Brahmam. He has research experience of 26 years as Senior Principal Scientist in Environment and Sustainability Department of CSIR- Institute of Minerals and Materials Technology, Bhubaneswar and is performing exploration of natural resources of Odisha, especially floristic survey, ethno botanical studies, Biodiversity conservation, Bioremediation, Antimicrobial activities and Phytochemical screening of medicinal plants and utilization of solid waste as a substrate in agriculture. He has published more than 180 research papers in different National and International journals and handled 24 research projects funded by different funding agencies. Ten students have been awarded Ph.D under his guidance and four scholars. He has made excellent contributions towards floristic study of Malkanagiri, Nabarangpur district and quantitative assessment, biological spectrum, and phytosociology for the conservation of targeted threatened taxa.



## **Detailed report on the workshop**

The Department of Botany, School of Applied Sciences organized a two-day online workshop on “Taxonomic Methods: Exploration, Identification, Nomenclature & Preservation of Plant Resources” on 19<sup>th</sup> & 20<sup>th</sup> January 2024. The program started at 09.30 am with the welcome address by Dr. Yashaswi Nayak, Dean, School of Applied Science and Dr. Gyanranjan Mahalik (Associate Prof. and Head).. Opening remarks and introduction of the programme was given by Dr. Supriya Pattanayak and the guests. Dr. Srimay Pradhan (Asst Prof), Dept. of Botany, the workshop's organizing secretary, introduced the workshop's chief guests and experts to the participants.

In the first technical session, the invited experts deliver their work and the importance of taxonomy and plant preservation. The second technical session was based on field practicals where Dr. Ramakanta Mishra, along with other invited experts, elaborated to the students the methods of plant collection and their proper documentation in the field book and at the herbarium. They also elaborate on the importance and process of herbarium-making with different plant materials. The participants interact with the invited experts about their queries related to plant identification and preservation strategies. Dr. DK Upreti highlighted the scope and research gap in lichenology in India.

The second day started with a practical session in the Botany Laboratory where the resource persons introduced the participants to the identification keys in taxonomy, which are essential for plant identification. The field visit was followed by the practical session where the participants were divided into 5 groups and went for a tree walk where they identified different plants with the help of experts and a theoretical training session. The valedictory meeting was organized after the lunch break. Dr. Biswajit Mishra, Pro Vice Chancellor, CUTM presided over the meeting and highlighted the importance of collaborative and synergetic research. Guests distributed the certificates of participation along with faculty members of the Botany Department to the participants.



## Snap of the event:











Flyer:



**Centurion UNIVERSITY**  
Shaping Lives...  
Engineering Communities...



# 2 DAYS WORKSHOP ON TAXONOMIC METHODS :

## EXPLORATION, IDENTIFICATION, NOMENCLATURE & PRESERVATION OF PLANT RESOURCES.

19TH-20TH JAN 2024  
9:30AM-05:00PM  
VENUE: HALL NUMBER-6,  
GROUND FLOOR, ARYABHATTA BUILDING,  
CUTM, BBSR CAMPUS

**Faculty Coordinator:**  
Dr. Srimay Pradhan,  
Assistant professor  
Department of Botany, SoAS, CUTM  
E-mail: [srimalay.pradhan@cutm.ac.in](mailto:srimalay.pradhan@cutm.ac.in)  
Contact: 7073738667

**REGISTER NOW:**  
<https://forms.gle/AL7Wm8z5Xns7C6Ti6>

**₹. 250 /-\***  
*only*  
(Includes study materials,  
chemicals & Certificate)

**DAY - 1**

- Experts' talk on Plant Nomenclature.

**DAY - 2**

- Hands-on Demonstration & Field visit.

**ORGANIZED BY**  
**DEPARTMENT OF BOTANY,**  
**SOAS, CUTM**



**DR. DALIP KUMAR UPRETI**  
Emeritus Scientist, Lichenological Division, CSIR-  
National Botanical Research Institute, Lucknow,  
Uttar Pradesh



**DR. KUNJA BIHARI SATAPATHY**  
Emeritus Professor, Department of Botany, School of  
Applied Sciences, Centurion University of Technology  
& Management, Bhubaneswar, Odisha




**DR. NABIN KUMAR DHAL**  
Chief Scientist & Head, Environment & Sustainability  
Department, CSIR-Institute of Minerals and Materials  
Technology





## Invitation:

The invitation card is designed to look like a piece of aged, torn paper pasted onto a larger, textured brown paper background. At the top left is the Centurion University logo, which includes a circular emblem with a sun and a book, and the text 'Centurion UNIVERSITY' and 'Rising Up, Learning Beyond'. To the right of the logo are four small square icons: a green one with a heart and pulse line, a red one with an open book, a green one with a magnifying glass over a globe, and a green one with a leaf. Below these icons, the text 'You are cordially invited to' is written in a simple sans-serif font. The main title 'The Inaugural Ceremony' is in a large, elegant cursive script. Below it, 'of' and '2 Days workshop' are in a smaller sans-serif font, followed by 'on' and the workshop title '“TAXONOMIC METHODS: Exploration, Identification, Nomenclature & Preservation of Plant Resources”' in a bold, green, sans-serif font. The date and time '19TH JAN 2024 Friday 09.30 AM' are in a small red font, followed by the venue 'VENUE: Hall Number-6, GROUND Floor, ARYABHATTA Building, CUTM, BBSR CAMPUS' in a small black font. A horizontal line with a central diamond shape separates the venue information from the 'EXPERT TALKS:' section, which is in a bold, green, sans-serif font. Below this, there are three bullet points listing the speakers and their topics. The names of the President, Convenor, Co-Convenor, and Organizing Secretary are listed in a black sans-serif font. At the bottom, the Organizing Committee members are listed. The card is decorated with botanical illustrations: a green fern frond on the left, a cluster of purple flowers at the bottom left, and a green plant with small white flowers on the right. The bottom edge of the card is torn, revealing the brown background paper.

You are cordially invited to

*The Inaugural Ceremony*

of  
2 Days workshop  
on

**“TAXONOMIC METHODS: Exploration, Identification,  
Nomenclature & Preservation of Plant Resources”**

19TH JAN 2024 Friday 09.30 AM

VENUE:  
Hall Number-6,  
GROUND Floor, ARYABHATTA Building, CUTM, BBSR CAMPUS

---

**EXPERT TALKS:**

- Dr. Dalip Kumar Upreti – Taxonomy of Lichens and their Bioprospection.
- Dr. Kunja Bihari Satapathy– Potential medicinal plants resources of Odisha: Their Identification and Utilization in Traditional system of Medicine.
- Dr. Nabin Kumar Dhal– Identification, Documentation and Conservation of Medicinal Plants.

President- Dr. Supriya Pattanayak,  
Convenor- Dr. Yashaswi Nayak  
Co-Convenor- Dr. Gyanranjan Mahalik & Dr. Sagarika Parida  
Organizing Secretary- Dr. Srimay Pradhan

Organizing Committee- Dr. Abanikanta Bhadra, Dr. Bhagyeswari Behera, Dr. Jatindra Nath Mohanty, Dr. Madhusmita Barik, Mr. Animesh Pattnaik, Dr. Kalpita Bhatta

otbridge. There is  
his southern bank



## Participant Details:

Name	Email	Institutional Affiliation	Designation (Student/Research Scholar/Assistant Professor)
Subhadarshani Nanda	230705170028@centurionuniv.edu.in	Cutm	Student
Bikram Pradhan	sudhams99@gmail.com	NIS Institute of Information Science and Management	Assistant Professor
Bijayalaxmi Muduli	230705170045@centurionuniv.edu.in	Centurion University of Technology and Management, Bhubaneswar	Student
Swetaleena Satapathy	230705170014@centurionuniv.edu.in	Centurion University of Technology and Management, Bhubaneswar	Student
Puspita Rout	puspirout020@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Student
Bhavna Pradhan	bhavnapradhan2003@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Student
Padmini Nanda	220705170029@cutm.ac.in	Centurion University of Technology and management Bhubaneswar	Msc 2nd year Student
Subhadrasubhadarsani	220705170036@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Lipsa Kumari Dash	220705170043@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student
Ashirbad palei	ashirbadashee@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Student
Adyashree Sahoo	230705170043@centurionuniv.edu.in	Centurion University of Technology and Management, Bhubaneswar	Student
Shubham Pradhan	shubham9668518446@gmail.com	Maharaja Sriram Chandra Bhanja Deo University	Research scholar
Satyabrata Dash	satya9132@gmail.com	Maharaja Sriram Chandra Bhanja Deo University	Research Scholar
Nazia Parveen	230705170012@centurionuniv.edu.in	Centurion University of Technology and Management, Bhubaneswar	Student
Subhasmita Rout	230705170010@centurionuniv.edu.in	Centurion University of Technology and Management, Bhubaneswar	Student
Priyanka Senapati	220705170016@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	M.sc.Botany
Omm Narayan Barick	ommbarick7@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Pg
Ipsita Panda	230705170020@centurionuniv.edu.in	Centurion University of Technology and Management, Bhubaneswar	Student
Ankita Barla	ankitabarla24@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Research Scholar
Tanushree saho	230705170004@centurionuniv.edu.in	Centurion University of Technology and Management, Bhubaneswar	Student
Pratiksha mohanty	mohantypratiksha63@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Research Scholar
Bhayananda Sahoo	bsahoo41293@gmail.com	Maharaja Sriram Chandra Bhanja Deo University	Research Scholar
Amisha Sahukar	230705170029@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Shushree Sarada Mohanty	230705170021@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Rituparna Meher	230705170030@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Snigdharani Samantray	230705170046@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Ushashee Mandal	ushasheemandal0410@gmail.com	Prananath College Autonomous, Khordha	Faculty
NAMRATA MOHANTY	230705170017@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Ayushi Jena	220705170005@cutm.ac.in	Centurion university of technology and management, Bhubaneswar.	Msc Botany (4th sem)
Mrs. Amrita Kumari Mohapatra	Amrita.mohapatra93@gmail.com	Boudh Panchayat College, Boudh	Lecturer in Botany
Tanusmita Das	tanusmita.das2001@gmail.com	Centurion University of technology and management, bhubaneswar	Student
Sradhanjali Dash	220705170027@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Smrutirekha Behera	220705170037@cutm.ac.in	Centurion university of technology and management, Bhubaneswar	Student( MSc. Botany 4th sem)
Subhalaxmi jena	220705170003@cutm.ac.in	Centurion University of technology and management, Bhubaneswar	Msc. Botany (4th sem) student
Madhusmita Pattnaik	220705170020@cutm.ac.in	Centurion University of Technology and management, Bhubaneswar.	Student (MSC.4th semester)
Bishnupriya Nayak	220705170038@cutm.ac.in	Centurion University of technology and management, Bhubaneswar	Student (MS.c Botany 4th sem)
Priyanka Acharya	220705170006@cutm.ac.in	Centurion University of technology and management, Bhubaneswar	Student (M.Sc. Botany 4th sem)
Susmita Kar	220705170014@cutm.ac.in	Centurion University of Technology and Management, bhubaneswar	Student ( Msc Botany 4th sem)
Subhashree Tripathy	220705170007@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student
Samiksha nayak	220705170019@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Sonali Mohanty	sonalism.mohanty@gmail.com	Prananath College Autonomous, Khordha	Lecturer
Archana Patra	230705170039@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Subhashree Swain	230705170033@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Shitossna Mohanty	230705170935@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Shashwatee Shitiprajna Behe	220705170010@cutm.ac.in	Centurion University of Technology and management, Bhubaneswar	Student
Somyasree Priyadarsini	230705170032@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Nikita Mahanta	230705170005@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Kalpana Karan	230705170011@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Aaryas Shreyhas Mansher	230705170008@centurionuniv.edu.in	Centurion University of technology and management, bhubaneswar	Student
Aastha Das	dasaastha3@gmail.com	Centurion University of technology and management, bhubaneswar	Student
Saty a Prakash Senapati	prakashbibhusatya@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Student
Bibhudatta Mishra	bibhudattamishra17@gmail.com	Centurion University of technology and management, bhubaneswar	Student
Bishnu Prasad Sahoo	bishnuprasadsahoo599@gmail.com	Ravenshaw University	Student
Asslisa patro	asslisapatro@gmail.com	Centurion University of technology and management, bhubaneswar	Student from bsc botany 3rd sem
Bijayini Mansingh	220704160002@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Swetashreya Sahu	220704160001@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Binod Kumar Mahapatra	binod.mohapatra96@gmail.com	Utkal University	Research Scholar
Utkala Keshari Sutar	220705170031@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student
SUJATARANI SAHU	ssujatarani@gmail.com	Kanpur Anchalka Mahavidyalaya Kanpur,Cuttack	Lecturer in Botany
Ananya jena	ananyajena801@gmail.com	Marshaghai degree college, marshaghai	Student
Rajaswini Nayak	nayakrajaswini381@gmail.com	Marshaghai degree college, marshaghai	Student
Chandra Sekhar Tripathy	ctripathy7@gmail.com	Department of Botany, School of Applied Sciences, Centurion University	Research Scholar
Sushanta Kumar Sethy	sushantakumarsethy30@gmail.com	Centurion University of technology and management, bhubaneswar	Student
Sourabha Pradhan	primalstark@gmail.com	Berhampur University	Student
Deepshikha Kumari	220705170039@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Manas Ranjan Majhi	220705170013@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student
Laxmi Priya Mohauti	220705170009@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student (Msc. Botany 4th sem)

Laxmipriya Mohauti	220705170009@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student (Msc. Botany 4th sem)
Tanmayi Priyadarsini jena	220705170017@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Anindita mahapatra	220705170008@cutm.ac.in	Centurion University of technology and management, Bhubaneswar	Student (MSC. Botany 4th sem)
Moumita priyadarsini	moumitapriyadarsini42009@gmail.com	Centurion University of technology and management, bhubaneswar	Student
Subhashree jena	220705170015@cutm.ac	Centurion University of technology and management, bhubaneswar	Student
Sagarbala Dash	sonamdash361@gmail.com	Centurion University of technology and management, bhubaneswar	Student (MSC. 4th sem)
SUSHIL BARIK	susilbarik58@gmail.com	C.V RAMAN GLOBAL UNIVERSITY, BBSR, ODISHA	STUDENT
Kajal Bhoi	220704160003@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
ABHYUDITA	220704160005@cutm.ac.in	Centurion University of technology and management, bhubaneswar	STUDENT
Swagatika panda	220705170012@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Jitendra Sahoo	jsahoo749@gmail.com	Boudh panchayat college, Boudh	Student
PARTHA SARATHI MISHRA	parthamishra725@gmail.com	Boudh panchayat degree college	Student
Dayanidhi Bagartee	dayanidhi.bagartee@gmail.com	Anchal College Padampur, Dist-Bargarh	Lecturer in Botany
Dr. KSHAN PRABHA SAHOO	kp_moha@yahoo.co.in	N. C (Autonomous) College, Jajpur Odisha	Assistant Professor
Debasish suna	220704160004@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Manisha Routray	220705170034@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
MONALISHA MISHRA	monalishamishra32@gmail.com	Sarankul College, Sarankul	Lecturer in Botany
Sitanshu Sekhar Satapathy	satapathysitanshu2@gmail.com	C.V Raman global university, Bhubaneswar	Student
Nikita rout	220705170004@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Aishwarya Samantaray	aishwaryasamantaray73@gmail.com	Niis Group of Institutions	Student
Somya Sephalika Swain	somyasephalikaswain@gmail.com	Niis Group Of Institution	Student
Snigdha Mishra	220705170023@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Vaisnavi pandey	vaisnavipandey605@gmail.com	Niis institute of information science and management	Student
SUBRAT KUMAR DEHERY	subrat.dehery555@gmail.com	Utkal University	Research Scholar
Pujarani Mohapatra	220705170002@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Rasmita Samantasinghar	220705170001@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Swati Mohanty	220705170028@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Subhashree pattnayak	gnature53@gmail.com	Berhampur University	Assistant professor contractual
Archana Mohanty	mohantyarchana255@gmail.com	Centurion University of technology and management, bhubaneswar	Student
Rudra narayan Dash	rebelrudra7@gmail.com	Centurion University of technology and management, bhubaneswar	Student
Madhusudan Bhoi	220604140003@Cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Rajpal Behera	220614100014@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Hochimin jani	220604160001@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Students
Kalpataru Maharana	210704160003@cutm.ac.in	Centurion University of technology and management, bhubaneswar	Student
Miss. Twinkle Patra	twinklepatrakl@gmail.com	B B ( Auto) mahavidyalaya, Chandikhol, Jajpur	Lecturer in botany
Mr. Kuna Majhi	kunamajhi6@gmail.com	B B (Auto) Mahavidyalaya	Lecturer in Botany
Mr. Ambika Prasad Mishra	ambikamishra1979@gmail.com	B.B(Auto) Mahavidyalaya	Lecturer in Botany
Charan Sebak Satapathy	satpathy.cs@gmail.com	B.B(Auto) Mahavidyalaya , Chandikhol, Jajpur	Lecturer in Botany
Jeevan Kumar Jena	jeevankumarjena123@gmail.com	Odisha Biodiversity Board, Bhubaneswar	Research Scholar
Snigdha Behera	niki.snigdha97@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Research scholar
Sampad Bhuyan	sampadbhuyan2000@gmail.com	Centurion University of Technology and Management, Bhubaneswar	Assistant professor
Rabinarayan Tarasia	220705170011@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student
Mrutyunjay Samal	220705170018@cutm.ac.in	Centurion University of Technology and Management, Bhubaneswar	Student



## Attendance & Feedback

WORKSHOP ON "TAXONOMY METHODS"			
Department of Botany, School of Applied Sciences Date : 19th & 20th January 2024			
FEEDBACK FORM			
Sl.No.	Name of the Students	Institute affiliation	Remarks on Workshop
1	Subhadarshini Nanda	Centurion University of Technology and Management	Workshop is very informative. I got to know about the importance of taxonomy in biology.
2	Bikram Pradhan	Centurion University of Technology and Management	Workshop was very interesting.
3	Bijayashree Mishra	Centurion University of Technology and Management	Workshop is very much fruitful for further study.
4	Svetaleena Satapathy	Centurion University of Technology and Management	Workshop is extremely helpful.
5	Pooja Rout	Centurion University of Technology and Management	The workshop was really very helpful for gaining an idea about taxonomy.
6	Bhavana Pradhan	CUTM	The workshop was very interesting.
7	Padmini Nanda	CUTM, BBSR	Workshop is very much helpful for further study.
8	Subhadra Pradhan	Centurion University of Technology and Management	The workshop was really helpful for further study.
9	Lipsa Kumar Dash	Centurion University of Technology and Management	The workshop was really very helpful for gaining an idea about taxonomy.
10	Ashish Patel	CUTM	Gain knowledge about taxonomy and taxonomy workshop is extremely helpful.
11	Aayushree Sahoo	CUTM	The workshop was really helpful for further study.
12	Shubham Pradhan	Maharaja's Pratap Chandra Pratap Deo University	Gain knowledge about taxonomy.
13	Suryakanta Dash	M.Sc. B.D. University	Gain knowledge about taxonomy.
14	Narita Poores	Centurion University of Technology and Management	Gain knowledge about taxonomy.

Sl.No.	Name of the Students	Institute affiliation	Signature	Remarks on Workshop
15	Subhasmita Rout	CUTM	Subhasmita Rout	Know less about taxonomy workshop.
16	Pratyaksha Senapati	Centurion University of Technology and Management	Pratyaksha Senapati	To learn various plant species and their taxonomy.
17	Grim Narayan Barik	Centurion University of Technology and Management	Grim Narayan Barik	Workshop was really helpful.
18	Ipsita Panda	Centurion University of Technology and Management	Ipsita Panda	Learn various important things from the workshop about taxonomy.
19	Ankita Barik	CUTM	Ankita Barik	Get the knowledge about taxonomy.
20	Tanushree Sahoo	CUTM	Tanushree Sahoo	Very informative and learning workshop.
21	Pratiksha Mohanty	CUTM	Pratiksha Mohanty	Workshop was extremely helpful.
22	Bijayashree Sahoo	NSIC University, Bhubaneswar	Bijayashree Sahoo	Very informative & learning workshop.
23	Amrita Sahoo	CUTM	Amrita Sahoo	Very informative & learning workshop.
24	Swarnika Sahoo	CUTM	Swarnika Sahoo	Gain knowledge about taxonomy.
25	Rituparna Meher	CUTM	Rituparna Meher	Get the knowledge about taxonomy.
26	Singhania Samrat	Centurion University of Technology and Management	Singhania Samrat	It enhances to know about biological diversity taxonomy.
27	Ujjwal Mandal	PN College, Bhubaneswar	Ujjwal Mandal	Get more knowledge about taxonomy.
28	NAMRATA MOHANTY	CUTM	NAMRATA MOHANTY	Very informative and learning workshop.
29	Aruna Jena	Centurion University of Technology and Management	Aruna Jena	Gain knowledge about taxonomy.
30	Dr. Ananta Kumar Mohapatra	Dr. Ananta Kumar Mohapatra	Dr. Ananta Kumar Mohapatra	It enhances to know about biological diversity taxonomy.

Sl.No.	Name of the Students	Institute affiliation	Signature	Remarks on Workshop
31	Tanushree Das	Centurion University of Technology and Management	Tanushree Das	This workshop is very helpful for gaining knowledge about taxonomy.
32	Indranil Das	Centurion University of Technology and Management	Indranil Das	This workshop is really very helpful and interesting.
33	Ujjwal Mandal	Centurion University of Technology and Management	Ujjwal Mandal	Gain knowledge about taxonomy.
34	Subhasmita Jena	Centurion University of Technology and Management	Subhasmita Jena	This workshop is very helpful for gaining knowledge about taxonomy.
35	Madhusmita Pattnaik	Centurion University of Technology and Management	Madhusmita Pattnaik	This workshop is really very informative & learning workshop.
36	Bishnu Prasad Sahoo	Centurion University of Technology and Management	Bishnu Prasad Sahoo	This workshop is really very informative & learning workshop.
37	Pratyaksha Acharya	Centurion University of Technology and Management	Pratyaksha Acharya	This workshop is really very informative & learning workshop.
38	Sumita Kar	Centurion University of Technology and Management	Sumita Kar	This workshop is really very informative & learning workshop.
39	Subhasmita Tripathy	Centurion University of Technology and Management	Subhasmita Tripathy	I got the knowledge about taxonomy.
40	Samiksha Nayak	Centurion University of Technology and Management	Samiksha Nayak	It enhances to know about biological diversity taxonomy.
41	Sonal Mohanty	PN Autonomous College, Khordha	Sonal Mohanty	Very informative & learning workshop.
42	Anchana Patra	CUTM	Anchana Patra	Workshop was extremely helpful.
43	Subhasmita Swain	CUTM	Subhasmita Swain	This workshop was very informative & learning workshop.
44	Shiksha Mohanty	CUTM	Shiksha Mohanty	I got to know about the local fauna & flora.
45	Shashwata Ghosh	Centurion University of Technology and Management	Shashwata Ghosh	Workshop was the best.
46	Sompradip Prasad	CUTM	Sompradip Prasad	Workshop was the best.

Sl.No.	Name of the Students	Institute affiliation	Signature	Remarks on Workshop
47	NALKA MAHANTA	Centurion University of Technology and Management	NALKA MAHANTA	Workshop is very good & informative. I got more knowledge about taxonomy.
48	Kalpana Kadam	Centurion University of Technology and Management	Kalpana Kadam	I got more knowledge about taxonomy.
49	Ananya Shrestha	CUTM	Ananya Shrestha	This workshop is really helpful.
50	Aashra Das	CUTM	Aashra Das	It enhances to know about biological diversity taxonomy.
51	Sanya Prakash Senapati	CUTM	Sanya Prakash Senapati	Gain knowledge about taxonomy.
52	Bishnu Prasad Sahoo	CUTM	Bishnu Prasad Sahoo	Very informative & learning workshop.
53	Bishnu Prasad Sahoo	Ravenshaw University	Bishnu Prasad Sahoo	Highly beneficial.
54	Aashra Das	CUTM	Aashra Das	Gain knowledge about taxonomy.
55	Bijayini Mondal	CUTM	Bijayini Mondal	Excellent.
56	Swasthika Sahu	CUTM	Swasthika Sahu	Get more information on taxonomy.
57	Birud Kumar Mahapatra	CUTM	Birud Kumar Mahapatra	Enhance knowledge regarding taxonomy.
58	Ujjwal Mandal	CUTM	Ujjwal Mandal	Get more knowledge about taxonomy.
59	SIJATARAN SAHU	Kantipur, Anandapur	SIJATARAN SAHU	Very informative.
60	Ananya Jena	Maharaja Pratap Deo University	Ananya Jena	This workshop is really helpful.
61	Rashmi Nayak	Maharaja Pratap Deo University	Rashmi Nayak	Workshop was very informative.
62	Chandika Sahoo	CUTM	Chandika Sahoo	Great experience regarding taxonomy.

Name of the Students	Institute affiliation	Signature	Remarks on Workshop
1. Sushanta Kumar Sethi	CUTM	Sushanta Sethi	Highly informative & helpful
2. Gourabha Pradhan	Berchamphur University	Gourabha Pradhan	The workshop is more informative & helpful
3. Vivekshita Kumar	Centurion University of Technology and Management	Vivekshita Kumar	The workshop was very much informative and helps to strengthen the knowledge about the topic
4. Manish Ranjan Mishra	Centurion University of Technology and Management	Manish Ranjan Mishra	To gain more knowledge about the topic
5. Lavipriya Mohanti	CUTM	Lavipriya Mohanti	Extremely helpful for better studies
6. Tanmay Prasadani Jena	CUTM	Tanmay Prasadani Jena	The workshop was informative
7. Anurita Mahapatra	CUTM	Anurita Mahapatra	Such workshops are much needed
8. Moumita prasadani	CUTM	Moumita prasadani	Highly helpful & beneficial
9. Subhasree jena	CUTM	Subhasree jena	The workshop was very much informative and helps to strengthen the knowledge about the topic
10. Sajjibala Dash	CUTM	Sajjibala Dash	Great experience
11. SUSHIL BARIK	CVRAMANGALAM UNIVERSITY	Sushil Barik	Workshop was held in the very simple & such taxonomic workshops are much needed
12. Kail Elio	CUTM	Kail Elio	From every aspect, the workshop is highly informative & helpful
13. ABHYUDITA	CUTM	Abhyudita	Very informative & helpful
14. Swagatika pandit	Centurion University of Technology and Management	Swagatika pandit	Very informative & helpful
15. Prerna Sahoo	Boudh Panchayat college, Boudh	Prerna Sahoo	Most informative & beneficial
16. PRIYANKA SARATHI MISHRA	Boudh Panchayat college, Boudh	Priyanka Sarathi	Gained much knowledge regarding the topic

Name of the Students	Institute affiliation	Signature	Remarks on Workshop
17. Jayashree Baghel	Prachin College, Prachin	Jayashree Baghel	Highly qualitative & informative
18. Dr. KSHAN PRADHA Sahoo	N.C. Autonomous College, Jagtari	Dr. Kshans Pradha Sahoo	It was very informative
19. Debajyoti Saha	CUTM	Debajyoti Saha	It was very informative
20. Manisha Routray	CUTM	Manisha Routray	Very informative
21. MONALISHA MISHRA	Sanskrit College, Sanskrit	Monalisha Mishra	Very informative & helpful
22. Tanmay Sahoo	C.V. Ramana Global University	Tanmay Sahoo	Gained much knowledge regarding the topic
23. Nikita Paul	CUTM	Nikita Paul	Gain knowledge about the topic
24. Anshu Sankar	N.I.S. Group of Institutions	Anshu Sankar	The workshop was very informative
25. Sonu Biswal	N.I.S. Group of Institutions	Sonu Biswal	It was very informative
26. Sushila Mishra	Centurion University of Technology and Management	Sushila Mishra	A very informative workshop
27. Vinita Pandey	N.I.S. Institute of Information Technology	Vinita Pandey	Very informative & helpful
28. SUBRAT KUMAR DEHERY	CUTM	Subrat Kumar Dehery	Very informative & helpful
29. Rajani Mahapatra	CUTM	Rajani Mahapatra	Very informative & helpful
30. Rasmita Banerjee	CUTM	Rasmita Banerjee	Very informative & helpful
31. Swati Mohanti	CUTM	Swati Mohanti	Very informative & helpful
32. Subhasree Pattnayak	Berchamphur University	Subhasree Pattnayak	Very helpful

Name of the Students	Institute affiliation	Signature	Remarks on Workshop
33. Anshu Mahapatra	CUTM	Anshu Mahapatra	It was a wonderful workshop & it was very informative & helpful
34. Rudra Narayan Dash	CUTM	Rudra Narayan Dash	It was a wonderful workshop & it was very informative & helpful
35. Madhusudan Bhoi	CUTM	Madhusudan Bhoi	The workshop was very informative & helpful
36. Rajal Behara	CUTM	Rajal Behara	To gain knowledge about the topic
37. Prerna Jais	CUTM	Prerna Jais	The workshop was very informative & helpful
38. Karpoti Maharana	CUTM	Karpoti Maharana	Workshop is extremely helpful
39. Miss. Tanika Das	BB (Aut) Mahavi, Jagtari	Miss. Tanika Das	Very informative and helpful
40. Mr. Kuna Majhi	BB (Aut) Mahavi, Jagtari	Mr. Kuna Majhi	Workshop is very much helpful for the students
41. Mr. Anshu Prasad Mishra	BB (Aut) Mahavi, Jagtari	Mr. Anshu Prasad Mishra	The workshop was very informative & helpful
42. Chandra Sekhar Sahoo	BB (Aut) Mahavi, Jagtari	Chandra Sekhar Sahoo	The workshop was very informative & helpful
43. Jyoti Kumar Jena	BB (Aut) Mahavi, Jagtari	Jyoti Kumar Jena	To gain knowledge about the topic
44. Sushila Behara	CUTM	Sushila Behara	Very informative
45. Sampat Bhuiyan	CUTM	Sampat Bhuiyan	Extremely helpful
46. Rameshwar Tudu	CUTM	Rameshwar Tudu	It was good
47. Shreyas Baral	CUTM	Shreyas Baral	Highly appreciated workshop
48. Pragnya Panwar	CUTM	Pragnya Panwar	



## Agenda:

### AGENDA Day- 1

- 09:30 AM Invocation
- 09:40 AM Welcoming the guests with Saplings.
- 09:45 AM Lighting of sacred lamp by dignitaries on the dais.
- 09:45 AM Welcome address & program briefing by the convener Dr. Yashaswi Nayak.
- 10:00 AM Introduction of Guests by Co-Convener, Dr. Sagarika Parida
- 10:20 AM Presidential address by the Honorable vice-chancellor CUTM, Prof. Supriya Pattanayak
- 10:30 AM Release of flyleaf by the guests.
- 10:35 AM Felicitation of Dr. Kunja Bihari Satapathy, Emeritus Professor, Department of Botany, SoAS, CUTM, Bhubaneswar, Odisha
- 10:45 AM Address by Dr. Dalip Kumar Upreti Emeritus Scientist, Lichenological Division, CSIR-NERI, Lucknow, Uttar Pradesh
- 10:55 AM Address by Dr. Kunja Bihari Satapathy, Emeritus Professor, Department of Botany, SoAS, CUTM, Bhubaneswar, Odisha
- 11:05 AM Address by Dr. Nabin Kumar Dhal, Chief Scientist & Head, Environment & Sustainability Department, CSIR-IMMT.
- 11:15 AM Vote of Thanks by the Organizing Secretary Dr. Srimay Pradhan.
- 11:25 AM Tea Break.

#### TECHNICAL SESSION: I

Chairman: Dr. Ashirbad Mohapatra, Reader and Head, Department of Botany, S.J. College, Bhubaneswar

Co-chairman: Dr Kalpita Bhatta, Associate Professor, Department of Botany, School of Applied Sciences, CUTM, Odisha

- 11:45 AM Dr. Dalip Kumar Upreti - Taxonomy of Lichens and their Bioprospection.

Dr. Kunja Bihari Satapathy- Potential medicinal plants resources of Odisha: Their Identification and Utilization in Traditional system of Medicine.

Dr. Nabin Kumar Dhal- Identification, Documentation and Conservation of Medicinal Plants.

- 01:30 PM Launch Break.

#### TECHNICAL SESSION: II

- 02:30 PM Methods of Identification & Preservation of Plant species

### Day- 2

#### PLANT IDENTIFICATION IN THE FIELD

## Mail invitation:



*Srimay Pradhan*

Mr. Srimay Pradhan  
(Programme  
coordinator)

*Gyanranjan Mahalik*

Dr. Gyanranjan Mahalik  
(HOD, Botany)

*Yashaswi Nayak*

Dr. Yashaswi  
Nayak (Dean, SoAS)





## ***A Report of Webinar***

***on***

## ***Waste to Wealth: Ideation to Commercialization***

**Date:** 21<sup>st</sup> Nov., 2023

**Time:** 4:15 – 5:15 pm

**Webinar Organizer:** The Department of Chemistry, School of Applied Sciences in association with the Research Center for Waste to Wealth Management, Centurion University of Technology and Management, Odisha, India

**No. of Students and/or Faculty Participated:** 45

**Co-ordinator Details:** Dr. Narayan Gouda

**Convener:** Dr. Pratap Kumar Chhotaray

### **Resource Person Details:**

**Mr. Mriganka Saha**

**CEO & Director, Suspol technologies pvt. Ltd.  
Kolkata, West Bengal, India**



Mr. Mriganka Saha is working at Suspol Technologies private limited, where he developed a zero waste process to make Phosphoric acid from Phosphogypsum using eco-friendly chemicals. He has been also working in the field of food packaging for past 5 years. He has designed a process of making tableware from rice straw, wheat straw and bagasse in a eco-friendly way, without using any chemicals. He is fighting plastic pollution problem by introducing disposable eco-friendly biodegradable food packaging products. Previously he has served as Research Head, Kaiya Labs Pvt Ltd., New Delhi and Manufacturing Executive, Alliance India, Guwahati, Assam. .

### **Detailed report of the Webinar:**

The Department of Chemistry, School of Applied Sciences in association with the Research Center for Waste to Wealth Management, Centurion University of Technology and Management, Odisha organized a webinar on " Waste to Wealth: Ideation to Commercialization" on 21<sup>st</sup> November, 2023 from 4:15 pm to 5:15 pm. The webinar flyer along with the registration link, and zoom meeting link was shared at CUTM community at various platforms including Slack, Email, and WhatsApp etc.

The webinar was started by Dr. Narayan Gouda, welcoming of the guest speaker and audiences followed by a brief introduction of the speaker Mr. Mriganka Saha. Mr. Saha firstly discussed about the different types of biomass waste and its sources and their effect on ecosystem, particularly burning of rice straw in the fields. He described his journey and experiences in the waste management domain.

He explained in detail the various steps involved in starting of a start-up in the waste management start from problem identification, ideation on different solution, processes technology finalization, supply chain identification, raising the funding and product commercialization. He discussed the recent technologies to convert rice straw to eco-friendly tableware. Finally, he concluded explaining the importance of waste management to achieve the SDGs.

There are around 45 participants comprising Faculties and students from different schools and institutes had joined in the webinar through Google meet. The programme was concluded expressing the vote of thanks by Dr. Pratap Kumar Chhotaray.

### Snap of the event:

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Identification of the problem: Burning of Agro-waste". The slide content includes:

- ▶ Northern India produces huge amount of Agro-Residue post harvest during onset of winter.
- ▶ Burning of Agro-residue generates huge amount of smoke and particulate matter contributing to severe pollution in northern India during onset of winter
- ▶ Agro-residue has no commercial value therefore farmers burn it in open fields.
- ▶ Assigning commercial value to this agro-residue might incentivize farmers to stop burning this Agro-residue.

Below the text is a photograph of a large fire burning in a field. The right sidebar shows a grid of participant avatars, including Mriganka Saha, Narayan Gouda, Challa Anitha, Abhilipsa Swain, Samridh Nayak, Jayashree Patra, and Dr. Limbraj Parsh... The bottom status bar indicates the time is 4:25 PM and the meeting ID is pxa-yyak-yxe.

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Brainstorming on Ideas". The slide content includes:

- ▶ Agro-waste to biomass pellets
- ▶ Agro-waste to Syngas by biomass gasification
- ▶ Agro waste to biogas by anaerobic digestion
- ▶ Agro-waste to biofuel by microbial fermentation
- ▶ Agro-waste to paper packaging materials
- ▶ Agro-waste to fibers for textile application

Below the text are three images: a pile of biomass pellets, a bowl of biofuel, and a diagram of a biomass gasification system. The right sidebar shows a grid of participant avatars, including Mriganka Saha, Narayan Gouda, Challa Anitha, Abhilipsa Swain, Samridh Nayak, Jayashree Patra, and Dr. Limbraj Parsh... The bottom status bar indicates the time is 4:27 PM and the meeting ID is pxa-yyak-yxe.





Mriganka Saha (Presenting)


### Commercial production and operations

- Outsourcing production or setting up production facility
- Getting certifications for the production facility as well as products
- File for necessary paperwork and licenses for selling your products in domestic as well as international market
- Build up a strong operations and marketing team
- Keep taking continuous feedback and keep improving the products

4:32 PM | pxa-yyak-yxe

Flyer:








**Join Us Webinar:**

***Waste To Wealth: Ideation to Commercialization***

Join through: [meet.google.com/pxa-yyak-yxe](https://meet.google.com/pxa-yyak-yxe)



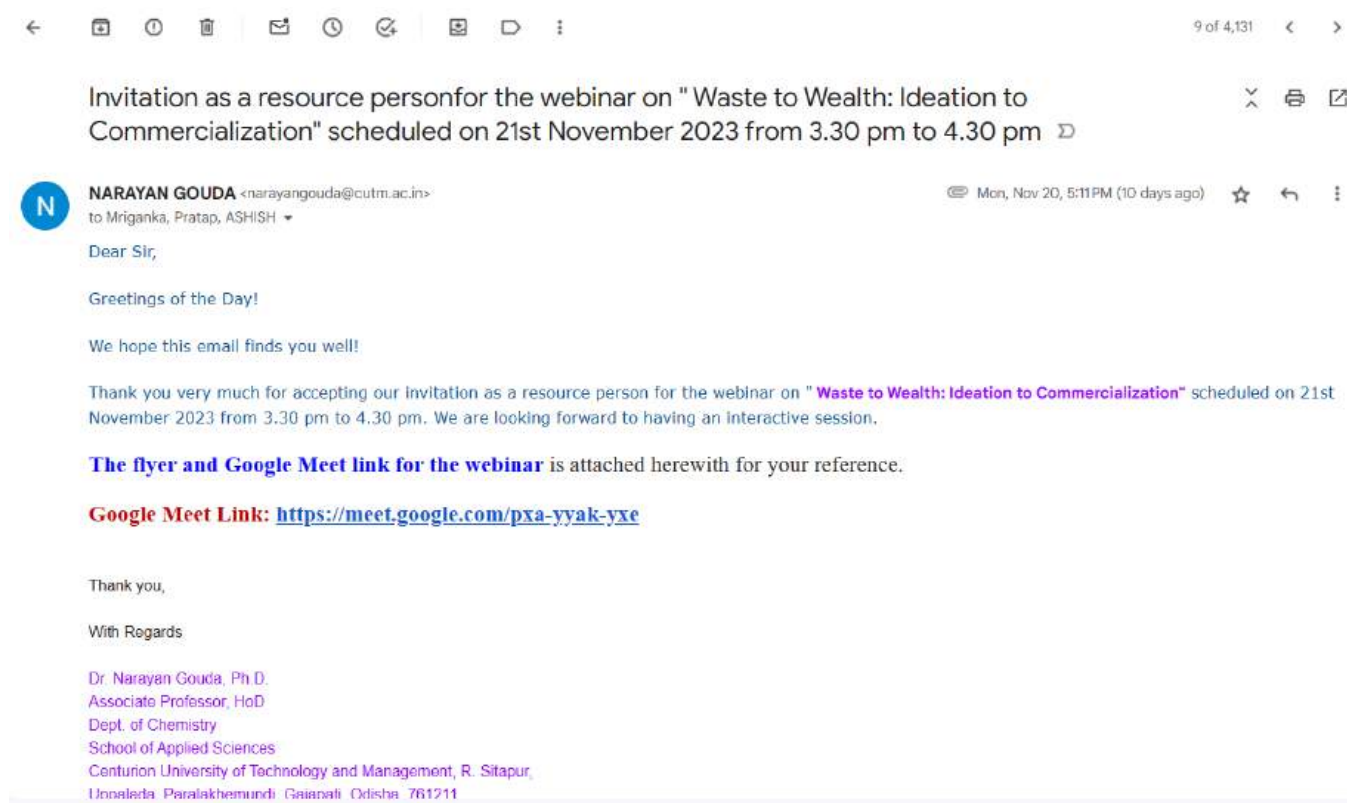
**Mr. Mriganka Saha**  
CEO & Director: Suspol Technologies Pvt. Ltd.

**Organized by:**  
Department of Chemistry, in association with the "Center for Waste to Wealth Management" CUTM, Odisha

**21<sup>st</sup> Nov, 2023**  
**Tuesday**  
**3.30-4.30 pm**

**Centurion University of Technology and Management, Odisha, India**

## Invitation Mail:



## Participants List:

Sl.No.	Name of the Participants	email ID	Department	School	Organization
1	Ganiseti Anitha	ganiseti.anitha@cutm.ac.in	Horticulture	Ms Swaminathan school of Agriculture	Centurion University
2	PURBASHA PRIYADARSHINI	230506182005@centurionuniv.edu.in	ZOOLOGY	School of Applied Sciences	Centurion University of Technology and Management
3	Ansuman Jena	ansuman.jena@gmail.com		School of Management	Centurion University of Technology and Management
4	Dr. Koustava Kumar Panda	koustava.panda@cutm.ac.in	Biotechnology	M.S.Swaminathan School of Agriculture	Centurion University of Technology and Management
5	NARAYAN GOUDA	narayangouda@cutm.ac.in	Chemistry	School of Applied Sciences	Centurion University of Technology and Management, Odisha
6	Subhashree Padhy	subhashreepadhi08@gmail.com	Chemistry	School of applied science	Centurion University of technology and management, Paralakhemundi
7	MADHUCHHANDA SWAIN	Madhuchhanda Swain	Physics	School of Applied sciences	Centurion University of Technology and Management
8	Sivala Kumar	Sivalakumar@cutm.ac.in	Agricultural Engineering	SOABE	Centurion university of Technology and Management
9	Tata Santosh	santoshkumar.tata@gmail.com	Pharmaceutical Sciences	School of Pharmacy	CUTM, Balangir
10	Krushna Chandra sethi	krushnacivil25@gmail.com	Civil engineering	SOET	CUTM
11	BIKASH SAMANTARAY	bikash.samantaray@cutm.ac.in	Chemistry	SoVET	Centurion University of Technology and Management
12	S. ESWARA REDDY	eswara.reddy@cutm.ac.in	HORTICULTURE	MSSSOA	Centurion University of Technology and Management
13	Dr. M.L.N.Acharyulu	acharyulu@cutmap.ac.in	BSH	SOPAHs	Centurion university of Technology and Management
14	Dr Ganeswar Sahu	titu.chem@gmail.com	Chemistry	Department of Chemistry	S K C G (Autonomous) College, Paralakhemundi
15	Ivaturi Siva Ramakoti	i.siva@cutm.ac.in	Chemistry	SoAS	CUTM
16	Dr. M. Sivakumar	m.sivakumar@cutm.ac.in	Anatomy	Veterinary and Animal Sciences	CUTM
17	Rati Ranjan Mishra	ratiranjana.mishra@cutm.ac.in	CSR		CUTM
18	Dr Vishal Kumar Gupta	vishalgupta030794@gmail.com	Genetics and Plant Breeding	MSSSOA, Paralakhemundi	CUTM, Odisha
19	Jyoti Prakash Giri	jiyotiprakash.giri@cutm.ac.in	Civil Engineering	SoET	CUTM, Bhubaneswar
20	Dr Anupam Sahoo	anupamchem0@gmail.com	Chemistry	Basic Science	SKCG Autonomous college, paralakhemundi
21	Dr. Punnam Chhetri	punnamchhetri20@gmail.com	Agronomy & Agroforestry	MSSOA	
22	Nilanjan Khatua	nilanjankhatua132@gmail.com	Agriculture	Ms swaminathan school of Agriculture	Centurion University of technology and management
23	Sumit Kumar Satpathy	220804130141@cutm.ac.in	Agriculture	MSSSOA	
24	Hemanshu Mondal	210804130076@cutm.ac.in	Agriculture	MSSSOA	Centurion University of Technology and Management
25	SOUMYA KANTA SAHOO	soumyasahoo676@gmail.com	Soil science and agricultural chemistry	Palli siksha bhavana	Visva-Bharati University, Santiniketan
26	Samridh nayak	samridhnayak1998@gmail.com	M.sc (agri.) Soil science	M.S.Swaminathan school of agriculture	Centurion University
27	CH.Anitha	anithachalla82@gmail.com	Agriculture	MSSSoa	
28	Ms.MEGHA BHADANI	meghabhadani2@gmail.com	Soil science	Narayan Institute of Agricultural Sciences	Gopal Narayan Singh University, Sasaram, Bihar
29	Subham Sankar Tripathy	200804130072@cutm.ac.in	Bsc Agriculture	MSSSOA, Paralakhemundi, Gajapati	CUTM, Paralakhemundi, Odisha
30	Sunita Satapathy	sunita.mishra@cutm.ac.in	Zoology	SoAS	CUTM
31	Debopam Sarkar	debopamsarkar1999@gmail.com	Agriculture ( Soil Science)	M.S.Swaminathan School of Agriculture	Centurion University of Technology and Management
32	Dr. Satheesh Ampolu	Satheesh@cutmap.ac.in	Chemistry	SoET-CUTMAP	Centurion University of technology and Management, Vizianagaram
33	Swaroop Sualsingh	sualsinghswaroop@gmail.com	Soil Science	School of Agriculture	Centurion University of Technology and Management
34	Debadutta Ray	debaduttaray10@gmail.com	Department of MBA	IMIT	IMIT
35	Payal Mishra	220805220016@cutm.ac.in	M.Sc. (Ag) Agricultural Extension Education	M.S.Swaminathan School of Agriculture	Centurion university of science and technology
36	Debasis Raymohapatra	debasis.raymohapatra@cutm.ac.in	Ecology and Sustainability (Dept of Admin)	CUTM BBSR campus	CUTM
37	Nibedita Mishra	nibeditamishra47@gmail.com	MSc.Agricultural Extension Education	M.S Swaminathan School of Agriculture	Centurion University of Technology and Management,Paralakhemundi
38	LIMBRAJ PHOLANE	limbraj.pholane@cutm.ac.in	Soil Science	MSSSoA	CUTM, ODISHA, INDIA
39	Suchitra swain	Saiarnav6451@gmail.com	Zoology	Higher secondary school	Svm
40	K.Sai Lakshmi	sailakshmi.kunuku2003@gmail.com	Bsc.Ag	MSSSOA	
41	LADI ALIK KUMAR	alikkumar3@gmail.com	School of Pharmacy	School of Pharmacy	Centurion University of Technology and Management Rayagada
42	Sonia Swain	soniaswain34@gmail.com	Botany	Anchalika Mahavidyalaya ,K.B.pur, Ganjam	Anchalika Mahavidyalaya,K.B.pur,Ganjam
43	Dr. Gyanranjan Mahalik	gyanranjan.mahalik@cutm.ac.in	Botany	School of Applied Sciences	Centurion University of Technology and Management
44	Dr. Abanikanta Bhadra	abanikanta.bhadra@cutm.ac.in	Botany	School of Applied Sciences (SoAS)	Centurion University of Technology and Management
45	KOUSIK MUKHERJEE	200506232004@cutm.ac.in	DEPT OF BOTANY	SCHOOL OF LIFE SCIENCES	JINJ SARANG DIST DHENKANAL ODISHA

# **CONFERENCE REPORT**

**ICMSE 2024**

**INTERNATIONAL CONFERENCE ON**

**ON**

**“MATERIALS FOR SUSTAINABLE ENVIRONMENT”**

Date of event- 27<sup>th</sup> and 28<sup>th</sup> of March, 2024

An international conference entitled “Materials for sustainable development” (ICMSE) 2024 was held in hybrid mode on 27<sup>th</sup> and 28<sup>th</sup> of March, 2024, in the auditorium of Centurion University of Technology and Management, Bhubaneswar, Odisha organized by School of Applied sciences. The main objective of this conference is to bring together leading scientists, researchers, students, academicians, and industry persons to exchange results in all aspects of materials utilization for sustainability of our environment. Moreover, the goal of the conference is to address the issues and challenges of various materials for focusing on global sustainable development and productivity.

## **Inauguration Ceremony:**

The opening ceremony of the conference was inaugurated with a warm welcome address by Dr. Yashaswi Nayak Dean, School of Applied Sciences. The opening session witnessed the remarkable introduction of esteemed guests present on the dais. The dignitary on the dais were Honorable Chief Guest Prof. Chiittaranjan Kole, Senior scientist, Department of Atomic Energy, Government of India, New Delhi, Guest of Honour Prof. Karunakar Nanda, Director, Institute of Physics, Bhubaneswar, Odisha, Honorable Vice-Chancellor, Prof Supriya Pattnayak, Chairman of the conference Prof. Susant kumar Biswal, Pro-Vice-Chancellor, Prof Biswajit Mishra and Dean, School of Applied Sciences Dr. Yashaswi Nayak.

The Chairman Prof. Susant kumar Biswal, emphasized the objective of the conference and invited the guests for addressing the august gathering. Honorable Vice-Chancellor, Prof Supriya Pattnayak, highlighted her speech with focusing on areas of research and productivity for sustainable development goal. She also appeal the gathering to bring the power of new ideas from the conference for sustainable research activity. Esteemed Pro-Vice Chancellor Dr. Biswajit Mishra, addressed with valuable insight of sustainable practice in

research and entrepreneurship. The most attractive and mesmerized speech was delivered by the honourable Chief Guest Prof. Chittaranjan Koley and was followed by Guest of Honour Prof. Karunakar Nanda, Director, Institute of Physics, Bhubaneswar, Odisha keeping in view of sustainable materials for challenging establishment of sustainable world.

## **Technical Session**

### **Day-1 Schedule**

This 1<sup>st</sup> phase of technical session of Day-1 of ICMSE 2024 chaired by Prof. Prafulla Kumar Sahoo, Utkal University and the first talk delivered by Dr. Karunakar Nanda on “Luminescent biometry, sensing materials like carbon nanotubes and explained about the importance of doped carbon nanostructures and their applications”. Prof. Chittaranjan Koley gave the information regarding the deaths due to cancer will increase by 2035 and his expertise in Nano biotechnology by using bitter melon and the impact of Nano-biotechnology in food, health, and energy security. This was followed by Dr. Manorama Patri Associate professor, Central University, Himachal Pradesh. Her talk was regarding exploiting carrageenan as a functional material for biomedical applications in understanding neural injury to the visual system in Zebrafish. In a parallel session Dr. Arup Kumar Mukherjee, CRRI, Odisha delivered an informative session on “Trichoderma species for sustainable agriculture” and followed by Dr. Smriti Prava Das, Ravenshaw University, Odisha presented a talk on “Cold atmospheric plasma, a boon for biomedical sciences”. There was a poster presentation competition by different attendees who had submitted their abstracts related to Nanotechnology, Nanomaterials etc.

The 2<sup>nd</sup> technical session began with Dr. Tabrez Khan, IIT Bhubaneswar, Odisha. He gave an informative talk regarding “synthetic strategies utilizing anthropogenic gas for value added products”. The objective of his talk was to save the mother earth and go green. Further the talk was continued by Dr. Satyaprakash Pati, Kyushu University, Fukuoka, Japan who explained about the hierarchy of computing methodology. He basically focused on bio-migration. He claimed that proton is the best candidate for becoming a neurotransmitter because it can be operated in low voltage. The future expert talk was given by Dr. Soumyaranjan Ratha, Akita University, Japan and his topic was “Advancing Magnetic Device Technology: Multiferroic Thin Films for Enhanced Efficiency and Energy Reduction.” Dr. Ranajit Sai, senior scientist from Ireland showed his expertise in physical sciences. The last talk was given by Dr. Syed Modassir Hussain from Islamic University of Madinah and his topic was



entitled as “Comparative case study of hydromagnetic dissipative and radiative graphene Maxwell nano-fluid flow past a stretching sheet.”

### **Cultural Program**

At the end of the day-1 of ICMSE 2024 a cultural program was offered for the august gathering with refreshment. The cultural program featured diverse dance performances by students. The event began at 5:30 pm and ended at 7:30 pm. Performances included Odissi, semiclassical, and Sambalpuri dances, showcasing talents from M.Sc. Zoology and B.Sc. Botany students. The program displayed a vibrant fusion of classical and regional dance forms, captivating the audience with its variety and energy.

### **Day-2 Schedule**

The 2<sup>nd</sup> day of international conference ICMSE 2024 resumed on 28-03-2024 at 10:00 AM. The technical session of 1<sup>st</sup> phase was chaired by Prof. Ajaya Kumar Pattnayak from Utkal University.

The very first speaker was Dr. Sabu Thomas, Mahatma Gandhi University, Kerala delivered an impressive talk on “Interfacial modification in Nanocomposites to Tailor Functionalities”.

He mainly emphasised why to use Polymer Nanocomposites. He explained combining polymer with nanoparticles would give dusty particles that are better at reinforcement with low ductility which is the best property. The other aspects to be considered are high mechanical reinforcement, viscosity, barrier improvement, dispersibility. Polymer combining along with clay gives rise to conventional composite, intercalated nanocomposites, exfoliated nano composites that are a better sustainable material for manufacturing tyres.

He is also working upon Bio-nano composites. He used nano-cellulose extracted from the agro-waste, wheat straw, food waste and many more that can be used in medicines as a sustainable raw material. He concluded saying that barrier application, mechanical improvement, EMI shielding are the aspects that are to be considered in a functional polymer nanocomposite which can be a better sustainable raw material.

The 2<sup>nd</sup> speaker Prof (Dr.) Sanjaya Kumar Pattanayak, Sambalpur University, Odisha.d was presented a talk on “Sustainable development: The domain of green material”

Sustainable development is the development that is meeting the needs of present without compromising the ability of future generation needs. He started the presentation with the clear-cut distinguished meaning of what exactly sustainability meant.

Then moved onto the 17 SDGs proposed by the UNO explaining each one of them and their importance towards a sustainable environment. He compared the growing nation with environment using the help of Kuznets Curve. The Kuznets curve explains that at first with the growing nation, inequality grows that are driven by market forces and later on decreases after certain average income is attained.

The sustainable parameters are the materials, design process, energy we use in manufacturing. The green materials used in science and technology are applied in developmental projects, applications of engineering and medical sciences, material science and pollution abatement and amelioration.

Followed by technical session in 2<sup>nd</sup> phase, Dr. N.N Mohapatra, Shree Pushkar Chemicals & Fertilizers Ltd Mumbai delivered and highlighted a talk on “Sustainable dyeing Methods in Textile Industries”.

Generally, the dyeing practices are polluting. He made some more cost effective, resource efficient, non-polluting materials that are more sustainable to the environment. For dyeing the cotton, he used pre-treatment method called scouring. This is an eco-fast method that's done before dyeing cotton which catonizes the cotton fibre. This cation attracts the anionic dyes that are way more sustainable. This is called the Cationic Cotton he made for a better and sustainable earth.

Followed by another speaker from the host University Dr. Satyanarayan Dhal, Centurion University, Odisha presented in offline mode a talk on “Ion beam as a tool for enhancing specific capacitance of super capacitor electrodes”

He focused on enhancing the super capacitance by using nano particles. The ion beam changes the surface morphology, changes the crystallinity, modifies the chemical composition, and also modifies the density of defects. This approach of modifying the ion beam is a sustainable method.

The last speaker of the technical session was Dr. Mohammad Naimuddin, Adama Science & Technology University, Ethiopia delivered her talk on “Optically amended biosynthesized crystalline copper doped ZnO for enhanced anti-bacterial activity”.

He mainly emphasised on the intrinsic drug resistance mechanism in the bacteria. He also proposed various methods of nano-particles synthesis that includes Physical, Chemical, and biological method. The physical method includes vapour and mechanical milling. In his talk the major attractive part was “sol-gel is a chemical method of synthesizing nano-particles”. The biological method includes the green synthesis either using plant materials like stem, leaves, and flowers; or using microbes like bacteria, yeast, fungi.

Followed by the talks and presentations we had from the lettered brains across the globe. We also had leading academic scientists, researchers, students who came from different universities and organisations to share their experiences and results in all materials utilization for sustainability of our environment.

### **Valedictory session**

The closing ceremony was marked by a valedictory session where prizes were distributed to the winners of poster presentation and oral power point presentations from various institutes.

Lastly this remarkable conference was concluded by a vote of thanks given by Dr. Sagarika Parida, organizing secretary, ICMSE-2024 with her kind words. . She concluded the conference with a note for future perspectives of the recent researches on materials for Sustainable Environment. It definitely provide a premier interdisciplinary platform for researchers and educators, to present and discuss the most recent innovations, trends, and concerns. It also investigates upon the practical challenges encountered and solutions adopted in the field of electronic, magnetic, optical, dielectric as well as biological fields. With this she express sincere thanks to the august gathering and with a special thanks to both the organiser Dr.Dojalisa Sahoo and Dr. Chittaranjan Routray for their contribution in exploring the nano world of learning platform.











**VOLUNTEERS**







# **CULTURAL PROGRAM**

## **Attendance**



## Centurion University of Technology and Management, Bhubaneswar Campus

## Students Attendance Sheet

Sl. No	Regd. No.	Students Name	Branch	Remarks
1	230705170024	Ashish Panigrahi	Msc Botany.	
2	230705170029	Amisha Sahu	Msc Botany.	
3	230705170032	Somyasree Priyadarshini	Msc Botany	
4	230705170031	Sushree Sarada Mohanty	Msc Botany	
5	230705180030	Preeti Soren	M.Sc ZOOLOGY	
6	230705180004	Subhashree Mohanty	M.Sc ZOOLOGY	
7	230705170020	Deepika Panda	Msc Botany	
8	230705170002	Lepta Rout	Msc Botany	
9	230705170045	BC Jyalmi muduli	Msc Botany	
10	230705170002	Somyashree choudhary	Msc Botany	
11	230705180051	Ipita Mishra	Msc. ZOOLOGY	
12	230705180042	Sanyama Chowdhary	M.Sc. Zoology	
13	230705170004	Tanushree Sahoo	Msc. Botany	
14	230705180070	Padmini Dash	M.Sc. Zoology	
15	230705180005	Smrutikirti Behera	M.Sc. Zoology	
16	230705180069	Arpita Priyadarshini parhi	M.Sc. Zoology	
17	230705180068	Smriti Priyanka Mandal	M.Sc. Zoology	
18	230705180004	Bushree Supriya Sahoo	M.Sc. Zoology	
19	230705180031	Subhashree Priyadarshini	M.Sc. zoology	
20	230705180001	Anita Sa	M.Sc. Zoology	
21	230705180007	Smriti Lekha Pradhan	Msc. chemistry	
22	230705170034	Ankita Patra	Msc. Botany	
23	230705100011	Abhilipsa Swain	Msc. Chemistry	
24	230705180046	Hitesh Dash	Msc. Zoology	
25	230705180039	Prangya Acharya	Msc. Zoology	
26	230705180061	Pragati sahu.	M.Sc. Zoology	
27	230705180053	Ananya Mendli	M.Sc. Zoology	
28	230705100001	Neha Das	Msc. chemistry	
29	230705100006	Subha Santocini Mishra	Msc. chemistry	
30	230705100009	Abhijeet Panda	Msc. chemistry	
31	230705100005	chandrasekhara sahu	Msc. chemistry	
32	230705100008	Deepak Kumar Rout	Msc. chemistry	
33	230705160009	Shikha Suprabha Panda	Msc. chemistry	



Sl. No	Regd. No.	Students Name	Branch	R
34	23070512007	Jasathar Samantasingh	M.Sc. (Phy)	
35	23070512004	Sargatika Gixit.	M.Sc. (Phy)	
36	230705180047	Ashutosh Adakhan	M.Sc. (Zoo)	
37	230705180024	Bismay Priyadarshi	M.Sc. (Zoo)	
38	230705180035	Ajitab Biswal	M.Sc. (Zoo)	
39	230705180023	Mukta manjari Sahu	M.Sc. (Zoo)	
40	230705180063	Parashree Banarjeshna Sahoo	M.Sc. (Zoo)	
41	230705120009	Aryan Rane	M.Sc. (Phys)	
42	230705120012	Elin Mohanty	M.Sc. (Phys)	
43	230705180013	Swarup Kalpan Sahu.	M.Sc. (Zoo)	
44	230705180025	Abhaya Kumar Panda	M.Sc. (Zoo)	
45	230705180030	Ankita Khilar	"	
46	230705180017	Pratiba Das	"	
47	230705180034	Lipsa Rout	M.Sc. (Zoo)	
48	230705180012	Debaris Pathraik	M.Sc. (Zoo)	
49	230705180015	Hanshika Poojary	M.Sc. (Zoo)	
50	230705180041	Dr. Vaishu Shree	M.Sc. (Zoo)	
51	230705180019	Sanam Thadha	M.Sc. (Zoo)	
52	230705180065	Pratyabanta Mahapatra	M.Sc. (Zoo)	
53	230705180007	Pratyanka Baruah	M.Sc. (Zoo)	
54	230705170016	Sanat Gope	M.Sc. Botany	
55	230705170037	Aish kumari Sahoo	M.Sc. Botany	
56	230705100012	S. Sarmila	M.Sc. (Chemistry)	
57	230705110004	Kalyani Gini	M.Sc. (Math)	
58	230705180028	Subhasmita Nanda	M.Sc. (Zoo)	
59	230705180021	Soumya Pradyumaneshini Pati	"	
60	230705180040	Bidharth Babu	"	
61	230705180067	Rahel Saha	"	
62	230705180052	Hritik Dalai	M.Sc. (Zoo)	
63	220301180013	Jannat Nanz	B.Tech. Biotech	
34	220301180003	Saimita Majhi Sahoo	"	
35	220301180027	Sunaynakash Sethi	"	
6	230705180003	Preeti Prangya Choudhury	M.Sc. (Zoo)	
7	230705180032	Ananya Mishra	M.Sc. (Zoo)	
3	230705180029	Bidgabati Manna	M.Sc. (Zoo)	
1	230705180057	Ankita Sahu	M.Sc. (Zoo)	
	2307051800	Manish Basak	M.Sc. (Zoo)	



Sl. No	Regd. No.	Students Name	Branch	Rem
71	230705180036	Kshiraboli Tanaya Jena	M.Sc. (Zoology)	
72	230705180027	Sushree Subhita Jena	M.Sc. (Zoology)	
73	230705180018	Bandita Mahak	M.Sc. (Zoology)	
74	230705180008	Amila Mohanty	M.Sc. (Zoology)	
75	230705180037	Richa Routraaj	M.Sc. (Zoology)	
76	230705170028	Subhadraushari Nanda	M.Sc. (Botany)	
77	220704160005	Abhyudita	B.Sc. Botany	
78	220704170010	Adyasha Swain	B.Sc. Zoology	
79	220704170002	Puspita Maharana	B.Sc. Zoology	
80	220704170015	Nilofar Ansari	B.Sc. Zoology	
81	220704170001	Jeelish Dibyajyoti	B.Sc. Zoology	
82	220704170009	Anan K. Nayak	B.Sc. Zoology	
83	220704170007	Rudra Narayan Dash	B.Sc. Zoology	
84	230705170033	SUBHASHREE SWAIN	B.M.Sc. Botany	
85	230705170035	SHITOSNA Mohanty	M.Sc. Botany	
86	230705170039	Archeana Patra	M.Sc. Botany	
87	230705170012	Ajiza Parveen	M.Sc. Botany	
88	230705170005	Nikita Mahanta	M.Sc. Botany	
89	230705170006	Mrusmi Patra	M.Sc. Botany	
90	230705170014	Sweety Saha	M.Sc. Botany	
91	220704170003	Devidatta Mohanty	B.Sc. Zoology	
92	230705170008	Aaryas Shreyas	M.Sc. Botany	
93	230705170007	Baibakhi Behera	M.Sc. Botany	
94	230705170010	Subhamita Rout	M.Sc. Botany	
95	230705170017	Narmada Mohanty	M.Sc. Botany	

## **A report on Alumni Talk on IIT-JAM Preparedness Department of Chemistry**

Department of Chemistry has successfully organized and conducted a one-day Alumni talk on IIT-JAM preparedness, in online mode, on **11<sup>th</sup> September 2023**.

Following are the details of the event.

**Lecture Title:** IIT-JAM preparation

**Resource Person:** Mr. Rupam Sahu, M.Sc. (NIT Raipur)

**Event Organizer:** Department of Chemistry, Bhubaneswar Campus, CUTM

### Details of the Event

1. The flyer for the event was shared to CUTM community through social media applications and also through verbal communication to students.
2. The event was inaugurated by Dr. Ashish Kumar Sahoo, HoD, Dept of Chemistry.
3. There were about 20 participants attending the talk from different branches of Applied Sciences.
4. The talk continued for about 1 hour, by Mr. Rupam Sahu, followed by discussions among the participants and the resource person. There was a positive response from all participants. Mr. Rupam effectively answered all the queries raised by the fellow students regarding the IIT-JAM examination preparedness.
5. The event ended with a vote of thanks by Dr. Suchismita Acharya, Asst Prof, Dept of Chemistry.
6. Overall, the event was very successful.



## Glimpses of the talk

 **An Interactive Session on**  
**"IIT-JAM Preparation"** 

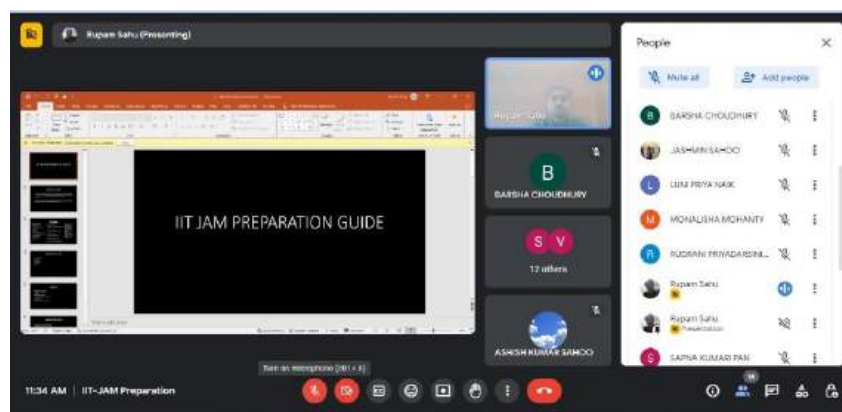
*Resource Person:*  
**Mr. Rupam Sahu**  
*M.Sc. NIT Nagpur*  
*(an Alumni of CUTM Bhubaneswar)*

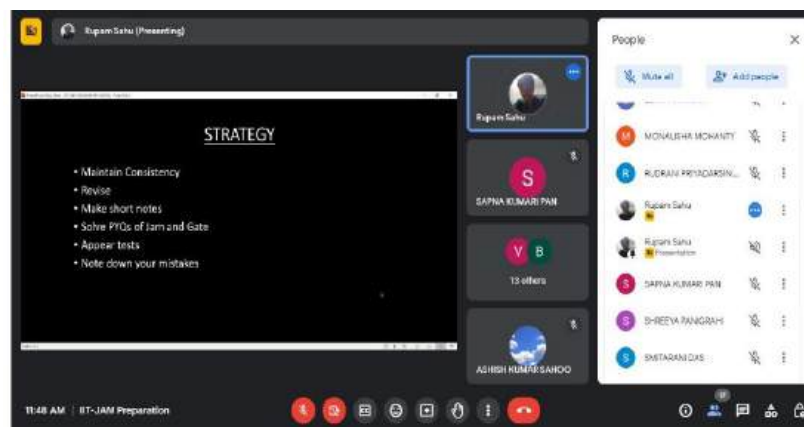


On 11<sup>th</sup> September 2023  
Tuesday (11:30-01:00 PM)

Link for Joining  
<https://meet.google.com/gte-ueaq-tsq>  
Or dial: (US) +1 262-427-8037 PIN: 438 828 3098

Organized By:  
Department of Chemistry  
School of Applied Sciences  
Centurion University of Technology and Management, Odisha, India

 A screenshot of a Google Meet session. The main window shows a presentation slide titled "IIT JAM PREPARATION GUIDE". The top bar indicates the session is being presented by "Rupam Sahu". On the right, a "People" panel lists participants: BARSHA CHOUDHURY, JASMIN SAHOO, LINA PRATA NAIK, MONALEHA MOHANTY, RUDRAJI PRISADARSINI, Rupam Sahu, and SAPNA KUMARI PAI. The bottom status bar shows the time as 11:34 AM and the session title "IIT-JAM Preparation".

 A screenshot of a Google Meet session. The main window shows a presentation slide titled "STRATEGY" with a bulleted list: Maintain Consistency, Revise, Make short notes, Solve PYQs of Jam and Gate, Appear tests, and Note down your mistakes. The top bar indicates the session is being presented by "Rupam Sahu". On the right, a "People" panel lists participants: MONALEHA MOHANTY, RUDRAJI PRISADARSINI, Rupam Sahu, SAPNA KUMARI PAI, and SHREYA PANIGRAHI. The bottom status bar shows the time as 11:48 AM and the session title "IIT-JAM Preparation".



Seminar Talk on

## "Basic Tools of Mathematical Analysis with their Application in Engineering and Technology"

Organized by

Center for Computational Mathematics in association with the Department of Mathematics, School of Applied Sciences, Centurion University of Technology and Management, Odisha

**Date:** November 24, 2023 (Friday)

**Venue:** Seminar Hall,

### **Resource Person Details:**

Dr. Vishnu Narayan Mishra, presently working as a Professor & Head, Department of Mathematics, Indira Gandhi National Tribal University, Lalpur, Amarkantak, Anuppur 484 887, Madhya Pradesh, India. Dr. Mishra is a recipient of Gold Medal in B.Sc., double Gold Medals in M.Sc. (M.Sc. Gold Medal in 2003 and Kulaadhipati Gold Medal in 2002). Apart from the Gold Medals, Dr. Mishra has also acquired many awards viz.: (i) Ist rank in District Sultanpur, U.P. in 12th class in Science group, (ii) Acharya Narendra Dev Smriti Samman 2000 (iii) YSA & cash prize in CONIAPS XI at Univ. of Allahabada in 2010, (iv) V.M. Shah prize in IMS at BHU, Varanasi in 2012 (v) Ist position in Essay & Quiz Competitions in 2011 at SVNIT, Surat (vi) Certificate of Merit & Cash prize for Elocution Competition on Life & Thoughts of Swami Vivekananda in 2012, (vii) Best paper presentation award in M3HPCST-2015 at RKGIT, Ghaziabad (viii) Awarded Prof. Hanuman Prasad Dikshit Memorial Award 2019 during Dec 29-31, 2019 CONIAPS XXV by Hon'ble Vice Chancellor Prof. Tankeshwar Kumar of Guru Jambheshwar University of Science and Technology, Hisar, Haryana at GJUST, Hisar.

Dr. Mishra is actively engaged in research. He has a wide range of research interest. His research interest includes Linear Positive Operators, Approximation theory, Integral equations, Measure of noncompactness, Banach algebra, Functional Analytic aspects (methods) in Summability, Fourier Approximation, Quantum Calculus, Asymptotic expansions, Fixed point theory and applications, Optimization, Inequalities, Non-linear analysis, Special Functions, Variational inequality, Classical analysis, q-series & qpolynomials and Operator Theory, Fractals & Wavelets, Signal Analysis, Image processing, Pure & Applied Mathematics etc. He has published more than 400 of his research articles in the journals of National/International repute. He has presented more than 120 of his research articles in different National/International conferences/seminars. Apart from the participation in different FDPs, Workshops, Induction/Orientation programmes and Refresher courses Dr. Mishra has also organized successfully many STTP/CONFERENCE/WORKSHOP viz. 1. SRMAASE-2013, 2. AFPTNAES-2014, 3. FCITSFTCES-2015, 4. MMOFCCES-2016, 5.

NACM3LCAES2016, 6. ATFCCAES-2017 7. One week Online Int FDP Prog. on NDSTFA 2021. Dr. Mishra is serving as Editorial Board Member & Reviewer of many Reputed Journals. Till date he has supervised 14 M.Sc., 09 Ph.D., and 01 Post-Doctoral scholars for their Thesis. Dr. Mishra is also a life member of different learned societies including (i) IMS-M-07-091 (ii) IAPS- N1076 (iii) GMS (iv) SSFA-1402/2016 (v) IAENG (vi) ISRD (vii) IARA.

**No. of Students and/or Faculty Participated: 22**

**Co-ordinator Details:**

1. Dr. Goutam Kumar Mahato (**Coordinator**), Department of Mathematics, School of Applied Sciences, CUTM, Odisha
2. Dr. Tumbanath Samantara (**Convener**), Department of Mathematics, School of Applied Sciences, CUTM, Odisha

**Detailed report of the activity:**

A seminar talk on "**Basic Tools of Mathematical Analysis with their Application in Engineering and Technology**" is organized successfully by the Centre for Computational Mathematics in association with the Department of Mathematics, School of Applied Sciences, Centurion University of Technology and Management, Odisha, India. Dr. Vishnu Narayan Mishra, Professor & Head, Department of Mathematics, Indira Gandhi National Tribal University, Lalpur, Amarkantak, Anuppur 484 887, Madhya Pradesh, India was the Resource Person of the seminar. There were 22 participants (faculty members as well as students) from different schools of Centurion University of Technology and Management who had attended this seminar.

Agenda of the whole program was divided into following steps:

- Introduction of the Resource Persons by Dr. Tumbanath Samantara
- Welcome address by Dr. Goutam Kumar Mahato
- Session taken by Dr. Vishnu Narayan Mishra
- Question and Answer Session
- Vote of Thanks by Prof. Banitamani Mallick

The seminar covered the following topics of discussion:

- What is mathematical analysis?
- What are sequences and series?
- Applications of Sequence and Series in Engineering?

The whole session was fully interactive. The speaker discussed the topic from the very basic to the higher level. He also gave some live calculations which made the session so interesting. Participants were also involved in the calculations.

**Geo-tagged Photographs of the event with date and caption:**

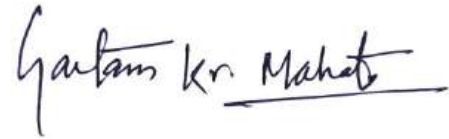


**List of Students/Faculty Attended**

Sl No.	Name	Category	Department	Campus
		Faculty	a	Bhubaneswar
		Student	b	Parlakhemundi
		Faculty	Mathematics	Bhubaneswar
		Student	Mathematics	Bhubaneswar
		Student	Mathematics	Bhubaneswar
		Student	Mathematics	Bhubaneswar
		Faculty	genetics and plant breeding	Paralakhemundi
		Student	Applied Mathematics	Bhubaneswar
		Faculty	Mechanical	Paralakhemundi
		Faculty	Physics	Bhubaneswar



		Faculty	Mechanical Engineering	Paralakhemundi
		Student	Department of Agricultural Extension Education	Paralakhemundi
		Faculty	Mathematics	Bhubaneswar
		Student	Mathematics	Bhubaneswar
		Student	BSc mathematics	Bhubaneswar
		Faculty	Pharmacy	Rayagada
		Faculty	Mathematics	Bhubaneswar
		Student	Mathematics	Bhubaneswar
		Student	Msc mathematics	Bhubaneswar
		Student	Msc applied mathematics	Bhubaneswar
		Faculty	Mathematics	Bhubaneswar
		Faculty	Mechanical Engineering	Bhubaneswar
		Faculty	Mathematics	Balangir
		Faculty	IT	Balangir
		Faculty	Mathematics	Balangir

A handwritten signature in black ink, reading "Goutam Kr. Mahato". The signature is written in a cursive style with a horizontal line underlining the name.

**(Dr. Goutam Kumar Mahato)**  
**Coordinator**



# **CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT (CUTM), ODISHA**

## **WORKSHOP ON “Biovia Material Studio”**

**30-09-2023, 9:30 am-12.30PM**

**Resource Person: Dipan Kumar Das, Research Scholar, Dept. of Physics**

### **REPORT**

**Objective of the Session:** To provide insight into the "Biovia Material Studio" software and its applications in the field of materials science and research. Additionally, to learn scientific simulations and modelling of metals, semiconductors and few compounds.

#### **Flow of session:**

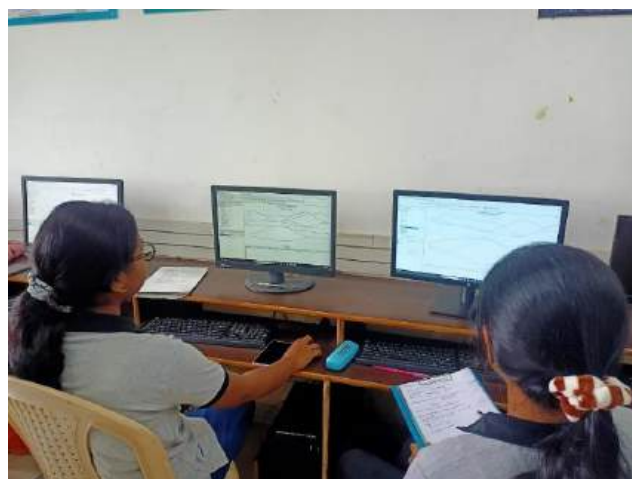
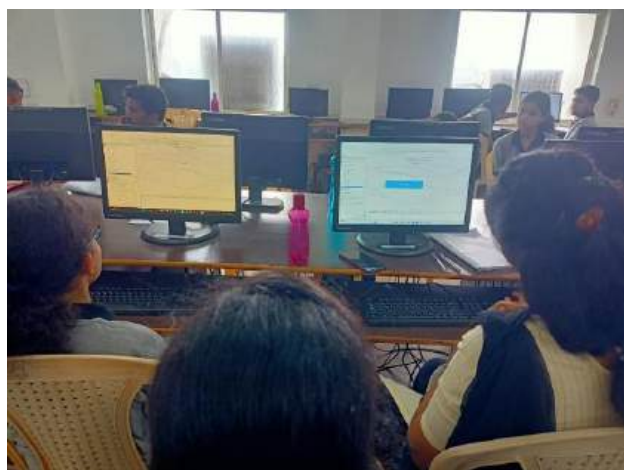
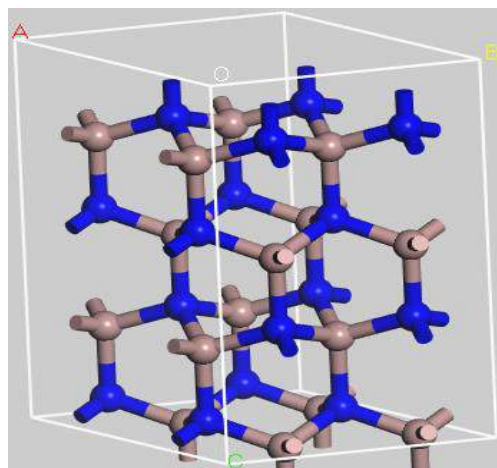
1. The session was started with brief introduction of resource person and fundamental aspects of "Biovia Material Studio,"
2. A diverse group of participants, including 20 students from MSc. physics and MSc. chemistry joined in the workshop.
3. Throughout the workshop, attendees actively participated in hands-on exercises, gaining practical experience in using the software for molecular modelling, simulations, and data analysis.
4. The session was ended with vote of thanks.

#### **The following point was discussed during the session**

- a. Introduction to "Biovia Material Studio" software.
- b. Applications of the software in materials science and research.
- c. Hands-on training on Biovia material studio.
- d. Build structure, introduction to different modules (CASTEP, DMOL3, Forcite etc.), Properties calculation was discussed during the session.

#### **Outcome:**

Participants left the workshop with a deeper understanding of the "Biovia Material Studio" software and its potential applications in their research projects. They expressed their interest in further exploring the software for their studies and research work. Some attendees inquired about additional resources and training opportunities related to materials science simulation software, and the facilitator provided guidance on where to find such resources.



Dipan Kumar Das

*Dipan Kumar Das*

Dojalisa Sahu

*Dojalisa Sahu*

Signature of Dean

*[Handwritten Signature]*





**Centurion**  
UNIVERSITY  
Shaping Lives,  
Empowering Communities

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT School of Applied Sciences, Bhubaneswar Campus Department of <u>Physics</u>			
30.09.23			
SL.NO	NAME	REGD. NO.	SIGNATURE
1.	Snehasish Mishra	220705120004	Snehasish - Mishra
2.	Manj Kumar Panda	220705120006	Manj Kumar Panda
3.	Subhashree lopamudra	220705120001	Subhashree lopamudra
4.	Baisakhi Dash	220705120003	Baisakhi Dash
5.	Renukaanta Naik	220705100007	Renukaanta Naik
6.	Anishanarayan Patel	220705100010	Anishanarayan Patel
7.	Ashutosh Arora	220705120007	A Arora
8.	Aluslat falma	220705120002	Al. falma
9.	Debasmita Mohanty	220705100017	Debasmita Mohanty
10.	Pragyan Paramita Pradhan	220705100005	Pragyan Paramita Pradhan
11.	Sauranya Ranjan Beena	220705100011	Sauranya Ranjan Beena
12.	Swetaparna Mohapatra	220705100016	Swetaparna Mohapatra
13.	Subhreshdeepriyadarsini Saha	220705120008	Subhreshdeepriyadarsini Saha
14.	Nikhar Nisha	220705100003	Nikhar Nisha
15.	Saswati Parida	220705100004	Saswati Parida
16.	Rakhee Patel	220705100006	Rakhee Patel
17.	Priti Priyanka Priyadarshi	220705100015	Priti Priyanka Priyadarshi
18.	Itishree Mohanty	220705100012	Itishree Mohanty
19.	Saumitra Kumar Sahoo	220705100002	Saumitra Kumar Sahoo
20.	chandan Kar	220705100019	chandan Kar

Signature of Dean

*[Handwritten Signature]*



# **CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT (CUTM), ODISHA**

## **WORKSHOP ON “Green and Sustainable Polymers: Materials for Future Generation”** **(Online Mode)**

**TIME: 4th of September 2023 at 11:00 A.M**

**Resource Person: Dr Sushanta Kumar Sahoo**

**Principal Scientist**

**CSIR-National Institute for Interdisciplinary Science and Technology**

**Objective of the Session:** There is a need for applied research to reach higher TRL level for indigenous technology development for our nation. Sustainability of materials technology development is very crucial for next generation specialty polymers usage in different sectors such as packaging, adhesives, coatings, building, energy, etc. Renewable resources like Lignin, CNSL-cardanol, plant oil, cellulose are the most abundantly available precursors with unique building block structure with diverse functionality and molecular weight. Bio-based Pressure sensitive adhesives (PSAs) market is most likely to render huge growth in future due to its multifunctional properties, non-toxic nature and potential for non-structural and structural applications. Functionalized Lignin and vanillin based pre-can be tuned to form thermally and UV curable adhesives with desired properties for semi-structural and structural applications.

### **Flow of session:**

1. The session was started with brief introduction of Guest speaker
2. The session starts with different Stimuli responsive hydrogels derived from PNIPAM copolymer grafted with lignin and plant oil acrylates which can be used as potential bio-based materials in the field of bio-medical applications as well as smart window/curtains. Eco-friendly and light weight wood-based aerogels can replace the petroleum-based aerogels for multifunctional applications like sound absorption, oil-

water separation. Recyclable vanillin based vitrimers can replace conventional non-degradable epoxy/amine system for advanced carbon fiber composites applications like wind blade, hydrogen pressure vessel. The expensive carbon fibers as well as resin can be recovered and reused after usage of the tank certifying the circular economy. Overall, the industrial waste and agro-biomass paves a way to develop green and sustainable materials and products with multifunctional properties for future generation.

3. More than 30 students and faculty were attended and discussed the current trend of agro-biomass and multifunctional materials.
4. The session was ended with vote of thanks

#### **The following point was discussed during the session**

- Dr Sahoo talked about how with increasing public awareness of climate change, environmental pollution, and earth's declining resources, sustainability and green chemistry have become hot topics these days
- The generation and disposal of synthetic polymers are largely unsustainable, causing severe worldwide polymer pollution. To address these issues, several research fronts aim to develop sustainable polymers with closed-loop life cycles.
- Renewable resources, including bio-sources and plastic waste, offer an alternative to petroleum feedstocks.
- The polymerization reactions should aim for mildness, limiting the carbon footprint and the quantities of water, solvents, and chemicals employed.
- He introduced the students to the recently developed special polymers with full chemical recyclability built into their materials properties
- Various special polymers like, Plant-Based Polymers, Degradable Polymers, Chemically Recyclable Polymers were also explained along with their synthesis process.

#### **Outcome:**

The faculties and students of the Chemistry and Physics Department were eagerly listened and discussed regarding the development of research practices in the school. Research field of the expert person showed some idea to improvise strategies to overcome difficulties and uplift the research temper. All the student participant enjoyed the opportunity to meet and exchange ideas with the resource person. Dr Sahoo was also interested to work in collaboration with CUTM Chemistry faculty. Students were interested in Biomedical applications of polymers.



*Dejalisa Sahu*

Signature of Dean








**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**  
**School of Applied Sciences, Bhubaneswar Campus**  
**Department of Physics**

SL.NO	NAME	REGD. NO.	SIGNATURE
1.	Snehasish Mishra	220705120004	Snehasish Mishra
2.	Manoj Kumar Panda	220705120005	Manoj Kumar Panda
3.	Subhashree lopamudra	220705120001	Subhashree lopamudra
4.	Baisakhi Dash	220705120003	Baisakhi Dash.
5.	Renuka anta Maik	220705100007	Renuka anta Maik
6.	Saurav Nayak	210704120004	Saurav Nayak
7.	Chidananda Mohanty	210704120001	Chidananda Mohanty
8.	Debaswati Pant	210704120006	Debaswati Pant
9.	Swarnika Paul	210704120002	Swarnika Paul
10.	Abdul Rahman Ansari	210704120003	A. Rahman
11.	Anish Narayan putel	220705100000	Anish
12.	Ashutosh Anand	220705120004	Ash
13.	Nusrat Fatma	220705120002	N. Fatma
14.	Debanrita Mohanty	220705100017	Debanrita Mohanty
15.	Pragya Paramita Pradhan	220705100007	Pragya Paramita Pradhan
16.	Saumya Ranjan Behera	220705100011	Saumya Ranjan Behera
17.	Sweetaparna Mohapatra	220705100016	Sweetaparna Mohapatra
18.	Subhashreepriya Sahoo	220705120008	Subhashreepriya Sahoo
19.	Susha Supriya Prasad	230705120001	Susha
20.	Nikhil Nisha	220705100003	Nikhil Nisha
21.	Suswati Panda	220705100004	Suswati Panda
22.	Rakhee Patel	220705100006	Rakhee Patel
23.	Priti Priyanka Priyadarshini	220705100015	Priti Priyanka Priyadarshini
24.	Itishree Mohanty	220705100012	Itishree Mohanty
25.	Sacchidananda Kumar Sahoo	220705100002	Sacchidananda K. Sahoo
26.	Jasashree samantasingha	230705120007	Jasashree samantasingha
27.	Gayatri Das	230705120008	Gayatri Das
28.	Chandan Das	220705100019	Chandan Das



Signature of Dean

A handwritten signature in blue ink, located at the bottom right of the page. The signature is stylized and appears to be the name of the Dean.

## A Report 4th National Chilika Birds Festival -3rd Jan 2024

The below listed students of M.Sc , department Zoology participated in Chilika Bird Festival on 3<sup>rd</sup> Jan 2024 under the guidance of Prof. Siba Prasad parida.

**OFFICE OF THE  
DIVISIONAL FOREST OFFICER: CHILIKA WILDLIFE DIVISION: BALUGAON**  
E-Mail ID: [dfo.chilikawt@odisha.gov.in](mailto:dfo.chilikawt@odisha.gov.in)

Letter No. 7020 /04WL-85 /2023  
Dated, Balugaon the 11<sup>th</sup> December' 2023

To

Dr. Siba Prasad Parida,  
Professor, Department of Zoology  
Centurion University of Technology and Management  
Bhubaneswar.

Sub: - Mid - Winter Water Fowl Status Survey-2024 in Chilika WL Division.

Sir,

In inviting a reference to the captioned subject, I am to request you to kindly make it convenient to participate in the Status Survey Operation in Chilika lagoon on 03<sup>rd</sup> and 04<sup>th</sup> January 2024. A line of confirmation within 15.12.2023 is expected. Accommodation and food will be provided and travelling will be arranged at your end. The programme is as follows:

**03<sup>rd</sup> January'2024**

11:30 A.M. to 1:30 P.M. *Registration & Briefing at Conference Hall, Wetland Research & Training Centre, Chandraput (Barakul)*  
1:30 P.M to 2:30 P.M *Lunch Break*  
2:30 P.M *Departure of Status Survey Units to Designated Unit Headquarters.*

**04<sup>th</sup> January'2024**

06:00 A.M. to 11:00 A.M. *Status Survey Exercise.*  
11:00 A.M. to 1:30 P.M. *Return of Status Survey units to Chandraput*  
1:30 P.M to 2:30 P.M *Lunch Break*  
2:30 P.M. to 7:30 P.M *Census data compilation*

Yours faithfully,

  
Divisional Forest Officer  
Chilika Wildlife Division





#### Students participation in 4th National Chilika Birds Festival 2024

Sl. No	Name	Registration Number	Course
1	Jeevan Jyoti Sundaray	220705180024	M.Sc Zoology
2	Bharati Raul	220705180056	M.Sc Zoology
3	Kamalakanta Swain	220705180035	M.Sc Zoology
4	Deva Prasad Panda	220705180018	M.Sc Zoology
5	Sonali Sahu	220705180078	M.Sc Zoology
6	Megha Samal	220705180053	M.Sc Zoology
7	Maitri Mishra	220705180050	M.Sc Zoology
8	Ananya Anuradha Sahoo	220705180075	M.Sc Zoology
9	Ipsita Mishra	210705180086	M.Sc Zoology
10	Anshuman Behura	210704170019	B.Sc Zoology



# **A REPORT ON INTERNATIONAL CONFERENCE**

**Name of the event:** An international conference on “Impact of climate change with special reference to challenges and approaches in applied zoology biodiversity conservation food and health security”.

**Date of the event:** 5<sup>th</sup>-7<sup>th</sup> June, 2024

**Location of the event:** Guru Ghasidas Vishwavidyalaya, Bilashpur, Chhatishgarh, India.

**Number of persons attended:** Around 100 participants came from India as well as from foreign countries.

**Sponsoring organization(s):** Zoological society of India.

## **EVENT SUMMARY**

A 3days international conference on “Impact of climate change with special reference to challenges and approaches in applied zoology biodiversity conservation food and health security” organized jointly by department of Zoology, Guru Ghasidas Vishwavidyalaya and Zoological society of India held from 5<sup>th</sup>-7<sup>th</sup> June at Guru Ghasidas Vishwavidyalaya, Bilashpur, Chhatishgarh, India. This conference is focused to highlight the participants about climate change and how it expressively alters biodiversity, agricultural production, food and health security through lectures of experts, oral and poster presentation of participants. Nearly 100 participants from different universities currently continuing Msc., Ph.D, or post-doctorate and few young researchers were came from India as well as from foreign countries, for the conference.

### **Day 1: 5<sup>th</sup> June, 2024**

The programme was inaugurated on 5<sup>th</sup> June, 2024. There were 3 technical parallel sessions were happening based on three different themes those were Biodiversity and climate change; Environmental biology, microbiology and toxicology; chronobiology, immunology and health. There were several invited lectures and oral presentations happened that day on these three different themes. I have given an oral presentation based on the title of “Development of an immunochromatographic test strip to detect pneumolysin by monoclonal antibody capture method”.



## Day 2: 6<sup>th</sup> June, 2024

On the second day, There were 4 technical parallel sessions were happening based on four different themes those were Disaster and solid waste management; Entomology, Parasitology and Remote sensing; Molecular genetics, Physiology and Evolutionary Biology; Fish, Fisheries and Aquaculture. There were several invited lectures and oral presentations happened that day on these four different themes. Participants also presented their poster on that same day.





**Day 3:** 7<sup>th</sup> June, 2024

On the third day, the Valedictory ceremony and certificate distribution happened.



## Conclusions

The conference was very informative and useful for me. The learning key points are, exposure to speak and listen, interaction with scientists, and brain storming sessions on exchange of scientific ideas. My aim will be to attend such conferences in future.

*Sonya Sepholika*

## A Report on Student Sports Achievement



The students of Ms. Subhasree Mahanty (M.Sc) and Arya Das (B.Sc) of Dept. Zoology participated in inter-collegiate championship at PKD campus held on 29<sup>th</sup> January ,2024 and achieved runners up prize in basketball.

Ms. Arya Das (B.Sc) won the gold in shot put, Winner (1st prize) in Throwball on 30<sup>th</sup> to 31<sup>st</sup> January 2024

Ms. Subhasree Mahanty also bag the go in basketball in inter-collegiate championship of sports of CUTM on 29<sup>th</sup> Jan.

She won the runners up for Badminton singles in Centurion Cup was organised by the CUTM at Ashray Indoor Academy on 27<sup>th</sup>- 28<sup>th</sup> January, 2024







Basketball-2nd ,throwball-1st ,Kabbadi-Runners up, Shotput-1<sup>st</sup>-Arya Das

Abhilash Mishra

Arya Das

Subhasree Mahanty

## **A REPORT ON THE SEMINAR – HOW THE GUTS “SECOND BRAIN” INFLUENCES MOOD AND WELL-BEING**

**Department of Zoology, Centurion University of Technology and management, Odisha**

On 18<sup>th</sup> July 2024 a Seminar talk was conducted on “How the guts - second brain influences mood and well-being” at Centurion University of technology and management by department of Zoology. All the students and faculty members of the department of Zoology were present in the venue seminar hall. The seminar talk was presented by the resource person Dr. Manorama Patri , Associate Professor, Department of Computational Biology and Bioinformatics, Himachal Pradesh Central University, India. Dr. Patri has worked as an Assistant Professor at Department of Zoology, Ravenshaw University. She has undergone rigorous studies to understand the mechanism involved in maintaining homeostasis in symbiosis and dysbiosis using dietary probiotics and phytochemicals on gut microbial density as diversity of the gut microbial population.

She discussed mostly about the enteric nervous system that regulates our gut is often called the body’s “second brain”. Although it can’t compose poetry or solve equations, this extensive network uses the same chemicals and cells as the brain to help us digest and to alert the brain when something is amiss. Gut bacteria manufacture about 95 percent of the body’s supply of serotonin, which influences both mood and GI activity. Gut bacteria also produce hundreds of neurochemicals that the brain uses to regulate basic physiological processes such as learning, memory and mood. The gut-brain link is shown to have an effect on our health when it comes to certain diseases or conditions. In this way she enlighten her talk with many valuable discussion with students and also interacted with faculties. At last she was felicitated with a token of appreciation by R. unjita Satapathy.









Arpita Arsmoja Sahu  
Purbasha Priyadarshini  
~~Jaganmohar Sahu~~  
Sanjib Kumare Mohanty

Rutuparna Das

Somya Sephalika

Jasmine Sethi

Anubhawan Dash 220704170007 - RDash  
Deberk Lohyapote - 220704170001 - Deberk

**Centurion University of Technology and Management, Bhubaneswar Campus**

**Students Attendance Sheet**

Sl. No	Regd. No.	Students Name	Branch	Signature	Remarks
1	230705180012	Debaris Pattnaik	M.Sc.	Debaris	
2	230705180007	Priyanka Banal	M.Sc.	Priyanka	
3	230705180024	Bismoy Priyadarshi	M.Sc.	Bismoy	
4	230705180038	Ajitab Biswal	M.Sc.	Ajitab Biswal	
5	230705180026	Stercya prasadalu	M.Sc.	Spadalu	
6	230705180014	Ajaya kumar Pradhan	M.Sc.	Ajay Pradhan	
7	230705180070	Paalmini Dash	M.Sc.	Paalmini Dash	
8	230705180040	Sidharth Vahu.	M.Sc.	Sidharth Vahu.	
9	230705180067	Rahul Swain	M.Sc.	Rahul Swain	
10	230705180065	Priyabrata <sup>Meher</sup> Patra	M.Sc.	Priyabrata Patra	
11	230705180013	Swarny Kalyanlahu.	M.Sc.	Swarny Kalyanlahu.	
12	230705180025	Abhaya K. Panda	M.Sc.	Abhaya Panda	
13	230705180039	Prangya Acharyn	M.Sc.	Prangya	
14	230705180031	Subhashree Priyadarshini	M.Sc.	Subhashree Priyadarshini	
15	230705180037	Lipsa Rout	M.Sc.	Lipsa Rout	
16	230705180061	Pragati sahu.	M.Sc.	Pragati sahu	
17	230705180050	Ankita Priyadarshini Rout	M.Sc.	Ankita P. Rout	
18	230705180045	Bighelooori Mishra	M.Sc.	Bighelooori Mishra.	
19	230705180058	Kajal Sahoo	M.Sc.	K. Sahoo	
20	230705180005	Smrutijyoti Behera	M.Sc.	Smrutijyoti Behera	
21	230705180032	Ananya Mishra	M.Sc.	Ananya Mishra	
22	230705180029	Bidyabati Manna	M.Sc.	Bidyabati Manna	
23	230705180023	Mukta manjari sahu	M.Sc.	Mukta manjari sahu	
24	230705180003	Preeti Prangya Choudhury	M.Sc.	Preeti P. Choudhury	
25	230705180035	Subhashree Nayak	M.Sc.	Subhashree Nayak	
26	230705180018	Bandita Nahak	M.Sc.	Bandita Nahak	
27	230705180053	Aparna Mendli	M.Sc.	Aparna Mendli	
28	230705180063	Banshree Banerjee	M.Sc.	Banshree B. Saha	
29	230705180015	Harshita Prusty	M.Sc.	Harshita Prusty	
30	230705180057	Ankita sahu	M.Sc.	Ankita sahu	
31	230705180064	Manshi Basak	M.Sc.	Manshi Basak	
32	230705180066	Meenalshi Nayak	M.Sc.	Meenalshi Nayak	
33	230705180062	PM Lipsa Swagatika	M.Sc.	PM Lipsa Swagatika	
34	230705180054	B.T. Supriya Das	M.Sc.	B.T. Supriya	
35	230705180060	P. Ananya	M.Sc.	P. Ananya	
36	230705180055	Itishree P. Behera	M.Sc.	Itishree P. Behera	
37	230705180048	Swagatika Joshi	M.Sc.	Swagatika Joshi	



## **A Report : Workshop on Pearl Grafting Technique**

The workshop on Pearl Grafting Techniques was organized with the aim of providing participants with comprehensive insights into the art and science of pearl grafting.

Pearl grafting is a method used to embed a nucleus in a mussel that will subsequently grow into a Pearl . To help students successfully graft a nucleus, Department of Zoology of School of Applied Sciences (SoAS) conducted a workshop on Pearl Grafting and Mussel Culture on 6<sup>th</sup> of January 2024. The Workshop involved Students and Faculty from Zoology Department and our Guest Expert Ms. Sonamika Satapathy.

Ms. Sonamika Satapathy is an alumni of Centurion University Paralakhemundi campus. She has completed her bachelor's in Fisheries science from M.S Swaminathan School of Agriculture and has expertise in Pearl Grafting and Culture. At present she is pursuing her Masters in Aquaculture from Punjab University.

The Event was flagged off by a brief presentation on the topic followed by hands- on demonstration on Pearl Grafting. Our Guest demonstrated the handling of Mussel while grafting and all the instruments used in Grafting of Pearl. Our Faculty and Students also grafted Nucleus into the Mussel. The event was a success and Ms. Sonamika has also agreed on providing further assistance to us regarding Pearl Grafting.

The Objectives of workshop are:

- 1.To familiarize the participants with the principles of pearl grafting.
- 2.To demonstrate various pearl grafting techniques and methodologies.
- 3.To discuss recent developments and innovations in pearl grafting technology.
- 4.To make students aware of recent developments and innovations in pearl grafting technology.
- 5.To promote collaboration and networking with different pearl culture organizations.

### **CONCLUSION**

The workshop on Pearl Grafting Techniques proved to be a valuable platform for the students to deepen their understanding of the intricate processes involved in pearl cultivation. The combination of theoretical sessions, practical demonstrations, and interactive discussions equipped the students with new skills, knowledge, towards the pearl industry.

At this outset I would like to extend my sincere gratitude to our Alumni Ms Sonalika Satapaty and Prof. Sambid Swain (Associate Professor , School of Fishery Science) for their selfless contribution for making this workshop to happen successfully.











*Y. Sph*

Rutupurnan Das

Sonya Sephalika

Jasmine Sethi

Arpita Aramajha Saha

Purbasha Priyadarshini

43	220705180044	PRITI ANNA DEBADARSHINI	Aurpillus Malta
44	220705180045	AURILLUS MALLA	Spina Priyadarshini Panda
45	220705180046	IPSITA PRIYADARSHINI PANDA	Subhna Pradhan
46	220705180048	SUBHRA PRADHAN	Monali Sio
47	220705180049	MONALI SIO	Maitri Mishra
48	220705180050	MAITRI MISHRA	Megha Samal
49	220705180053	MEGHA SAMAL	Sonali Sahoo
50	220705180054	SONALI SAHOO	Anisha Rout
51	220705180055	ANISHA ROUT	Bharati Raul
52	220705180056	BHARATI RAUL	Swayamprava Behera
53	220705180057	SWAYAM PRAVA BEHERA	Jyoti Khatua
54	220705180058	JYOSINA KHURA	Reema Rani Heera
55	220705180060	REEMA RANI HEERA	Anisha Panda
56	220705180061	ANISHA PANDA	Prangya Lipsa Biswal
57	220705180062	PRANGYA LIPSA BISWAL	Swagatika Sahoo
58	220705180063	SWAGATIKA SAHOO	Suprava Bal
59	220705180065	SUPRAVA BAL	Yashaswini Nayak
60	220705180067	YASHASWINI NAYAK	Pragalva Priyadarshini
61	220705180068	PRAGALVA PRIYADARSHINI	Ashok Kumar Rout
62	220705180069	ASHOK KUMAR ROUT	Subhashree Sarangi
63	220705180070	SUBHASHREE SARANGI	Abhilipsa Das
64	220705180071	ABHILIPSHA DAS	Subhajit Halder
65	220705180072	SUBHAJIT HALDAR	Goutam Maharana
66	220705180074	GOUTAM MAHARANA	Ananya Anuradha Sahoo
67	220705180075	ANANYA ANURADHA SAHOO	Ranjita Nayak
68	220705180076	RANJITA NAYAK	Anuska Priyadarshini
69	220705180077	ANUSKA PRIYADARSHINI	Sonali Sahu
70	220705180078	SONALI SAHU	Amrita Behera
71	220705180080	AMRITA BEHERA	Akanksha Mahananda
72	220705180081	AKANKSHA MAHANANDA	



## Workshop Reports

A workshop on “Permanent slide preparation” was held on 2<sup>nd</sup> March 2024 in the laboratory of Zoology department. Prof. (Dr.) Siba Prasad Parida was invited as resource person for this workshop. He gave a hands on training to 33 number of registered students during the workshop with proper demonstration and part of productivity. The workshop was began with a warm welcome address by Dr. Yashaswi Nayak ,HoD of Zoology Department and Dean of School of Applied Sciences. The attendees includes all faculty members of the department the organiser Dr. Sunita Satapathy, Dr. Pradip Kumar Prusty, Dr. Gagan Kumar panigrahi and Dr. Bikas Ranjan Sahu, along with registered students were witnessed the opening session. After the workshop was carried out in two phases the closing session was performed by Dr. Sunita Satapathy with a vote of thanks and felicitated to the resource person. The end notice was brought for conducting such future development workshops.



Subhashis Naik
N. Sumana
Samiksha Pattanayak
Prityanshi Kon

Swapna Rani Das
Jagruati Priyadarsini

## Workshop Reports

In the month of March students of B.Sc and M.Sc were participated in various workshops as below:

- I. A wokshop on "Odisha Wildlife conclave"-2024, Jaydev Bhaban,Bhubaneswar,Odisha



- II. Capacity building training programme for forest staff to mitigate human crocodile conflict , Kendrapada



- III. One day Hands-on workshop on "GAP for ideal colony performance of apiary honey bees"

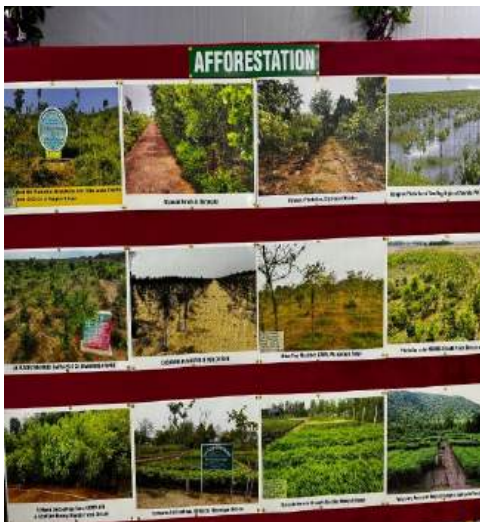
IV.



## Workshop Reports



IV. A workshop on "Workshop on Forest Day"-2024, Jaydev Bhaban, Bhubaneswar, Odisha



Subhashis Naik
N. Sumana
Samiksha Pattanayak
Priyanshi Kan

## Workshop Reports



## A POST-EVENT REPORT ON 6th INTERNATIONAL CONFERENCE

### “AGRI VISION - 2024 (Agricultural Sustainable Development)”

DATE OF EVENT – 19th - 21st January 2024

LOCATION – ICAR – National Rice Research Institute (NRRI), Bidyadharpur, Cuttack, Odisha, 753006

NUMBER OF PARTICIPATES – PhD Scholar of Department of Zoology

ORGANIZATION – ICAR-NRRI Cuttack



**Dr.Yashaswi Nayak**, Dean & HOD of Department of Zoology, School of Applied Sciences, Centurion University of Technology and Management, Bhubaneswar was present at 6<sup>th</sup> International Conference on Agriculture for Sustainable Development (Agri Vision-2024), ICAR-NRRI, Cuttack, Odisha.

**Jasmine Sethi** PhD Scholar, Department of Zoology, Centurion University of Technology and Management have participated at 6<sup>th</sup> International Conference on Agriculture for Sustainable Development (Agri Vision-2024), ICAR-NRRI, Cuttack, Odisha.

**Purbasha Priyadarshini** , PhD Scholar, Department of Zoology, Centurion University of Technology and Management have participated and presented a Poster entitled with “Crop Enhancement by Managing the Industrial Waste through Vermicomposting for a Sustainable Agricultural Practice “ at 6<sup>th</sup> International Conference on Agriculture for Sustainable Development (Agri Vision-2024), ICAR-NRRI, Cuttack, Odisha.

**TITLE: - “Crop Enhancement by Managing the Industrial Waste through Vermicomposting for a Sustainable Agricultural Practice “**

**Summery** –Various scientific reports considered that FA has ability of enhancement of soil nutrition for agricultural practice, due to contain oxides of heavy metals. A succeeding proportion of FA is amended with soil for the present work. The dynamic involvement of earthworm *Eudrilus eugeniae* along with microbes' aid to convert the heavy toxic waste into organic manure in form of vermicast. The present study was experimented out by taking various treatments of FA amended with Soil + cow dung in the research laboratory of Centurion University of Technology and Management, Bhubaneswar, Odisha. The treatments were taken for 100% of various proportion of cow dung , Soil , and Fly Ash , The tested treatments were labelled in six plastic containers of size cm as CD (for only cow dung with soil-50%:50%) as control - 100%, P1- CD +S +FA for 100%,P2- CD +S +FA incorporation for 100%, P3 incorporated with C +S +FA , P4 was taken with CD +S + FA and FA for 100% industrial waste fly ash of 1kg respectively. The product of all treatments were obtained as vermicompost within 2-3 months and were experimented for biochemical analysis of NPK, The result was implemented on crop improvement of rice that was the prime investigation of the present work. The nitrogen, phosphorous and potassium content of all treatments were estimated and the different proportion of obtained vermicompost in various treatments was effect on the growth of rice plant. 89 range per kg ha<sup>-1</sup> was found in various treatments P1 to P4 along with CD and whole FA. However, it was observed that the result of FA vermicompost incorporation with S+Cd of P1 to P2 containing favorable amount of NPK for crop growth as comparable to other treat ments. Hence, FA vermicompost incorporated soil and cow dung was obtained with suitable result up to P2 than reduced from P3 and P4 onwards as compared to control treatment.



**Arpita Arsmika Sahu**, PhD Scholar, Department of Zoology, Centurion University of Technology and Management have participated and presented a Poster entitled with ‘Appropriate Barcoding gene Responsible for Detection of Malaria Parasite’ at 6<sup>th</sup> International Conference on Agriculture for Sustainable Development (Agri Vision-2024), ICAR-NRRI, Cuttack, Odisha.

## **TITLE: Appropriate Barcoding gene Responsible for Detection of Malaria Parasite**

Malaria becoming a global threat and one of the extreme off disease for human lives. For treating the patient in time and obstructing further infection through mosquitoes, malaria must be detected promptly. So the objective of the present study is to find out appropriate barcoding gene of Plasmodium (from both nuclear and mitochondrial) that will be ideal for the detection of Plasmodium positivity. About 157 and 149 number of Cytb and 18s rRNA gene sequences from different geographical location were retrieved from NCBI database and analyzed thoroughly through molecular phylogeny and genetic diversity study. Low genetic diversity was found in case of both global Pfcytb and Indian PfCytb gene which suggest that it is well-conserved genetically and ultimately indicates, Pfcytb is appropriate gene for diagnosis.



**Lopamudra Sahoo**, PhD scholar, Department of Zoology, School of Applied Sciences. I presented a poster at the Agri-vision International Conference at the ICAR-NATIONAL RICE RESEARCH INSTITUTE (NRRI, CRRI).

The presented topic is **“Impact of herbicides on the growth of Amur carp”**

### **Summary of the topic:**

The increasing use of herbicides in aquatic environments, particularly in India, has raised concerns about potential unintended effects on non-target organisms, particularly the Amur carp. Glyphosate herbicides disrupt nutrient availability and alter the aquatic food web, affecting growth rates and trophic cascade. Understanding herbicide-induced effects on Amur carp is crucial for effective management strategies, considering environmental factors like temperature and nutrient levels. This review examines both short-term and long-term effects.

Here are some pictures of the conference:



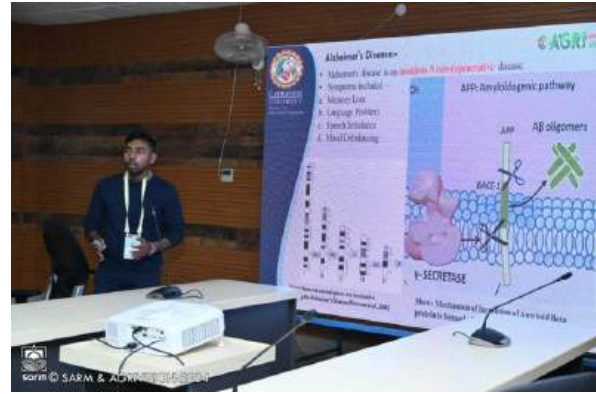
**Sanjib Kumar Mohanty** , PhD Scholar, Department of Zoology, Centurion University of Technology and Management have participated and presented a Poster entitled with at” In-Silico studies of *Momordica charantia* L. extract as a potential treatment against Alzheimer’s Disease targeting Amyloid Beta Protein (3NYL)” .6<sup>th</sup> International Conference on Agriculture for Sustainable Development (Agri Vision-2024), ICAR-NRRI, Cuttack, Odisha.

**TITLE - In-Silico studies of *Momordica charantia* L. extract as a potential treatment against Alzheimer’s Disease targeting Amyloid Beta Protein (3NYL).**

#### **Summary -**

Herbal plants are more crucial now-a-days to this ill world. One such plant is *Momordica charantia* belonging to Cucurbitaceae family pertaining many phytochemicals which have many antifungal, antibacterial, antiviral, anti-neuronal properties. Owing to its result, it also resist the effect of a disease which becomes the leading cause of the death worldwide called Alzheimer. Alzheimer’s disease is a brain disorder that slowly destroys memory and thinking skills and eventually, the ability to carry out the simplest tasks. In an insightful In-silico analysis, this abstract explores the potential therapeutic efficacy of *Momordica charantia* phytochemicals against amyloid beta (A $\beta$ ) protein, a key player in neurodegenerative disorders like Alzheimer's disease. The goal of this work was to investigate the inhibitory effects of phytochemicals found in *Momordica charantia* fruit extract on Amyloid beta protein of Alzheimer’s disease, utilizing GC-MS analysis and molecular docking studies. The structure of Amyloid beta protein was downloaded from RCSB using PDB ID 3NYL with resolution: 2.80 Å. In the present study, In-silico molecular docking analysis of phytoconstituents present in *Momordica charantia* N-Hexane fruit extract details by GC-MS was studied against Amyloid beta protein. The result revealed 38 phytochemicals constituents derived from GC-MS analysis. Out of these 38 phytochemicals, Laurifolin , gamma Isomorphine, Arnepavine, 3-Epi-Schelhammericine and Flabelline were ranked the highest with binding scores ranging from –10.0 kcal/mol to –9.4 kcal/mol compared with the standard, Choleamide, with a binding score of –7.7 kcal/mol. From the results obtained, it can be concluded that Laurifolin , gamma Isomorphine, Arnepavine, 3-Epi-Schelhammericine and Flabelline act against Alzheimer's disease inhibiting the Amyloid Beta Protein and therefore can be further developed into potent drugs for Alzheimer's disease treatment.





*Y. S. S.*

Jasmine Sethe  
 Arpita Arsmoka Saha  
 Purbasha Priyadarshini  
 Jyoti K. Saha  
 Sanjib Kumar Mohanty



## 4th National Chilika Birds Festival -2024: A REPORT

24<sup>th</sup> February 2024

### RESOURCE PERSON

Dr. Siba Prasad Parida

### STUDENTS PARTICIPANTS:

B.Sc. Zoology (2<sup>nd</sup> year)

M.Sc. Zoology (2<sup>nd</sup> year)

Ph.D. Scholars

A seminar cum field study was conducted on 4<sup>th</sup> National Chilika Bird Festival-2024 in Chilika Division on 24<sup>th</sup> Feb 2024. Prof. Siba Prasad Parida invited as a resource person delivered a talk on skills for identifying and census of bird. The seven students of M.Sc-1<sup>st</sup> year of Department of Zoology, SoAS, Centurion University of Technology and Management, Odisha were participated in this events. The students visited and participated in bird walk and bird census program.



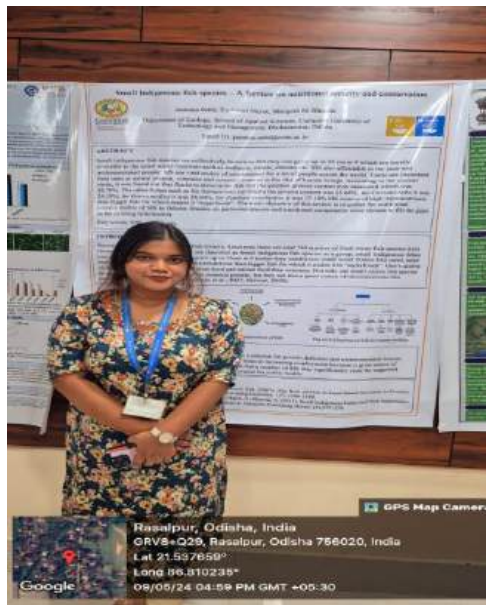


### ---: A Conference Report :---

An one day National conference on “The Future of Animal Sciences: New Discovery and Pressing Challenges” was organised by Fakir Mohan University, Rasalpur, Balasore on 9<sup>th</sup> May 2024. The major focus of this conference was about preservation, conservation of animals and their utilization in various field of sciences and research. Speakers and delegates from different Universities and institutions of the state and the country were participated and delivered their valuable and informative talks. Dr. Yashaswi Nayak , Dr.Siba Prasad Parida along with two PhD scholar, Miss Jasmine Sethi and Miss Purbasha Priyadrashini from Department of Zoology, Centurion University Technology and Management, Odisha have joined the Conference. Miss Jasmine Sethi have presented her poster on “Small Indigenous Fish Species it's nutritional security and conservation”.







Jasmine Sethi

## **CONFERENCE REPORT**

**ICMSE 2024**

**INTERNATIONAL CONFERENCE ON**

**ON**

**“MATERIALS FOR SUSTAINABLE ENVIRONMENT”**

Date of event- 27<sup>th</sup> and 28<sup>th</sup> of March, 2024

An international conference entitled “Materials for sustainable development” (ICMSE) 2024 was held in hybrid mode on 27<sup>th</sup> and 28<sup>th</sup> of March, 2024, in the auditorium of Centurion University of Technology and Management, Bhubaneswar, Odisha organized by School of Applied sciences. The main objective of this conference is to bring together leading scientists, researchers, students, academicians, and industry persons to exchange results in all aspects of materials utilization for sustainability of our environment. Moreover, the goal of the conference is to address the issues and challenges of various materials for focusing on global sustainable development and productivity.

### **Inauguration Ceremony:**

The opening ceremony of the conference was inaugurated with a warm welcome address by Dr. Yashaswi Nayak Dean, School of Applied Sciences. The opening session witnessed with the remarkable introduction of esteemed guests present on the dais. The dignitary on the dais were Honorable Chief Guest Prof. Chiittaranjan Kole, Senior scientist, Department of Atomic Energy, Government of India, New Delhi, Guest of Honour Prof. Karunakar Nanda, Director, Institute of Physics, Bhubaneswar, Odisha, Honorable Vice-Chancellor, Prof Supriya Pattnayak, Chairman of the conference Prof. Susant kumar Biswal, Pro-Vice-Chancellor, Prof Biswajit Mishra and Dean, School of Applied Sciences Dr. Yashaswi Nayak.

The Chairman Prof. Susant kumar Biswal, emphasized the objective of the conference and invited the guests for addressing the august gathering. Honorable Vice-Chancellor, Prof Supriya Pattnayak, highlighted her speech with focusing on areas of research and productivity for sustainable development goal. She also appeal the gathering to bring the power of new ideas from the conference for sustainable research activity. Esteemed Pro-Vice Chancellor Dr. Biswajit Mishra, addressed with valuable insight of sustainable practice in

research and entrepreneurship. The most attractive and mesmerized speech was delivered by the honourable Chief Guest Prof. Chittaranjan Koley and was followed by Guest of Honour Prof. Karunakar Nanda, Director, Institute of Physics, Bhubaneswar, Odisha keeping in view of sustainable materials for challenging establishment of sustainable world.

## **Technical Session**

### **Day-1 Schedule**

This 1<sup>st</sup> phase of technical session of Day-1 of ICMSE 2024 chaired by Prof. Prafulla Kumar Sahoo, Utkal University and the first talk delivered by Dr. Karunakar Nanda on “Luminescent biometry, sensing materials like carbon nanotubes and explained about the importance of doped carbon nanostructures and their applications”. Prof. Chittaranjan Koley gave the information regarding the deaths due to cancer will increase by 2035 and his expertise in Nano biotechnology by using bitter melon and the impact of Nanobiotechnology in food, health, and energy security. This was followed by Dr. Manorama Patri Associate professor, Central University, Himachal Pradesh. Her talk was regarding exploiting carrageenan as a functional material for biomedical applications in understanding neural injury to the visual system in Zebrafish. In a parallel session Dr. Arup Kumar Mukherjee, CRRI, Odisha delivered an informative session on “Trichoderma species for sustainable agriculture” and followed by Dr. Smriti Prava Das, Ravenshaw University, Odisha presented a talk on “Cold atmospheric plasma, a boon for biomedical sciences”. There was a poster presentation competition by different attendees who had submitted their abstracts related to Nanotechnology, Nanomaterials etc.

The 2<sup>nd</sup> technical session began with Dr. Tabrez Khan, IIT Bhubaneswar, Odisha. He gave an informative talk regarding “synthetic strategies utilizing anthropogenic gas for value added products”. The objective of his talk was to save the mother earth and go green. Further the talk was continued by Dr. Satyaprakash Pati, Kyushu University, Fukuoka, Japan who explained about the hierarchy of computing methodology. He basically focused bio-migration. He claimed that proton is the best candidate for becoming a neurotransmitter because in it can be operated in low voltage. The future expert talk was given by Dr. Soumyaranjan Ratha, Akita University, Japan and his topic was “Advancing Magnetic Device Technology: Multiferroic Thin Films for Enhanced Efficiency and Energy Reduction.” Dr. Ranajit Sai, senior scientist from Ireland showed his expertise in physical sciences. The last talk was given by Dr. Syed Modassir Hussain from Islamic University of Madinah and his

topic was entitled as “Comparative case study of hydromagnetic dissipative and radiative graphene Maxwell nano-fluid flow past a stretching sheet.”

### **Cultural Program**

At the end of the day-1 of ICMSE 2024 a cultural program was offered for the august gathering with refreshment. The cultural program featured diverse dance performances by students. The event began at 5:30 pm and ended at 7:30 pm. Performances included Odissi, semiclassical, and Sambalpuri dances, showcasing talents from M.Sc. Zoology and B.Sc. Botany students. The program displayed a vibrant fusion of classical and regional dance forms, captivating the audience with its variety and energy.

### **Day-2 Schedule**

The 2<sup>nd</sup> day of international conference ICMSE 2024 was resumed on 28-03-2024 at 10:00 AM. The technical session of 1<sup>st</sup> phase was chaired by Prof. Ajaya Kumar Pattnayak from Utkal University.

The very first speaker was Dr. Sabu Thomas, Mahatma Gandhi University, Kerala delivered an impressive talk on “Interfacial modification in Nanocomposites to Tailor Functionalities”.

He mainly emphasised why to use Polymer Nanocomposites. He explained combining polymer with nanoparticles would give dusty particles that are better at reinforcement with low ductility which is the best property. The other aspects to be considered are high mechanical reinforcement, viscosity, barrier improvement, dispersibility. Polymer combining along with clay gives rise to conventional composite, intercalated nano composites, exfoliated nano composites that are a better sustainable material for manufacturing tyres.

He is also working upon Bio-nano composites. He used nano-cellulose that extracted from the agro-waste, wheat straw, food waste and many more that can be used in medicines as a sustainable raw material. He concluded saying that barrier application, mechanical improvement, EMI shielding are the aspects that are to be considered in a functional polymer nanocomposite which can be a better sustainable raw material.

The 2<sup>nd</sup> speaker Prof (Dr.) Sanjaya Kumar Pattanayak, Sambalpur University, Odisha.d was presented a talk on “Sustainable development: The domain of green material”



Sustainable development is the development that is meeting the needs of present without compromising the ability of future generation needs. He started the presentation with the clear-cut distinguished meaning of what exactly sustainability meant.

Then moved onto the 17 SDGs proposed by the UNO explaining each one of them and their importance towards a sustainable environment. He compared the growing nation with environment using the help of Kuznets Curve. The Kuznets curve explains that at first with the growing nation, inequality grows that are driven by market forces and later on decreases after certain average income is attained.

The sustainable parameters are the materials, design process, energy we use in manufacturing. The green materials used in science and technology are applied in developmental projects, applications of engineering and medical sciences, material science and pollution abatement and amelioration.

Followed by technical session in 2<sup>nd</sup> phase, Dr. N.N Mohapatra, Shree Pushkar Chemicals & Fertilizers Ltd Mumbai delivered and highlighted a talk on “Sustainable dyeing Methods in Textile Industries”.

Generally, the dyeing practices are polluting. He made some more cost effective, resource efficient, non-polluting materials that are more sustainable to the environment. For dyeing the cotton, he used pre-treatment method called scouring. This is an eco-fast method that's done before dyeing cotton which catonizes the cotton fibre. This cation attracts the anionic dyes that are way more sustainable. This is called the Cationic Cotton he made for a better and sustainable earth.

Followed by another speaker from the host University Dr. Satyanarayan Dhal, Centurion University, Odisha presented in offline mode a talk on “Ion beam as a tool for enhancing specific capacitance of super capacitor electrodes”

He focused on enhancing the super capacitance by using nano particles. The ion beam changes the surface morphology, changes the crystallinity, modifies the chemical composition, and also modifies the density of defects. This approach of modifying the ion beam is a sustainable method.

The last speaker of the technical session was Dr. Mohammad Naimuddin, Adama Science & Technology University, Ethiopia delivered her talk on “Optically amended biosynthesized crystalline copper doped ZnO for enhanced anti-bacterial activity”.

He mainly emphasised on the intrinsic drug resistance mechanism in the bacteria. He also proposed various methods of nano-particles synthesis that includes Physical, Chemical, and biological method. The physical method includes vapour and mechanical milling. In his talk the major attractive part was “sol-gel is a chemical method of synthesizing nano-particles”. The biological method includes the green synthesis either using plant materials like stem, leaves, and flowers; or using microbes like bacteria, yeast, fungi.

Followed by the talks and presentations we had from the lettered brains across the globe. We also had leading academic scientists, researchers, students who came from different universities and organisations to share their experiences and results in all materials utilization for sustainability of our environment.

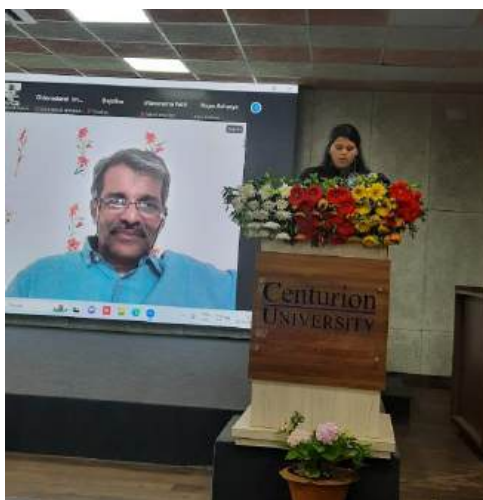
### **Valedictory session**

The closing ceremony was marked by a valedictory session where prizes were distributed to the winners of poster presentation and oral power point presentations from various institutes.

Lastly this remarkable conference was concluded by a vote of thanks given by Dr. Sagarika Parida, organizing secretary, ICMSE-2024 with her kind words. . She concluded the conference with a note for future perspectives of the recent researches on materials for Sustainable Environment. It definitely provide a premier interdisciplinary platform for researchers and educators, to present and discuss the most recent innovations, trends, and concerns. It also investigates upon the practical challenges encountered and solutions adopted in the field of electronic, magnetic, optical, dielectric as well as biological fields. With this she express sincere thanks to the august gathering and with a special thanks to both the organiser Dr.Dojalisa Sahoo and Dr. Chittaranjan Routray for their contribution in exploring the nano world of learning platform.











## VOLUNTEERS









## CULTURAL PROGRAM



Andranayan Dash 220704170007 - R Dash  
Debash Dhyajoti - 220704170001 - Debash

Arpita Aramaha Saha Purbasha Priyadarshini

Somya Sephalika Rutupurna Das

Jasmine Sethi

Sanjoy Majumder Lopamudra Sahoo





**Centurion University of Technology and Management,**  
**Bhubaneswar Campus**  
**Students Attendance Sheet of M.Sc. Batch 2023 (Deptt.**  
**of Zoology)**

Sl.No	Roll No.	Students Name	Signature
1	220705180001	SANJANA SAHU	Sanjana Sahu
2	220705180002	SNEHASIS BISWAL	Snehasis Biswal
3	220705180003	ADARSH KUMAR JAIN	Adarsh Kumar Jain
4	220705180004	BISHNUPRIYA MOHAPATRA	Bishnupriya Mohapatra
5	220705180005	SNEHA PANDA	Sneha Panda
6	220705180006	TUSHAR RANJAN PANDA	Tushar Ranjan Panda
7	220705180007	ABHISEK NAYAK	Abhisek Nayak
8	220705180008	SIMRON	Simron
9	220705180009	DEBASHRITA MISHRA	Debashrita Mishra
10	220705180010	RUSHIBRATA MOHANTY	Rushibrata Mohanty
11	220705180011	ANANYA NANDA	Ananya Nanda
12	220705180012	MONALISHA BISWAL	Monalisha Biswal
13	220705180013	HASINA MEHER	Hasina Meher
14	220705180014	SNEHA NAYAK	SNEHA NAYAK
15	220705180015	PRITISHRABANI RAY	Pritishrabani Ray
16	220705180016	NIYAT DIPANKAR PANDA	Niyat Dipankar Panda
17	220705180017	PRANGYA SAGARIKA TRIPATHY	Prangya Sagarika Tripathy
18	220705180018	DEVA PRASAD PANDA	Dev Prasad Panda
19	220705180019	SUBHASHREE PUHAN	Subhashree Puhana
20	220705180020	NAYAN CHOUDHURY	Nayan Choudhury
21	220705180021	SONALI SANI BHADRA	Sonali Sani Bhadra
22	220705180022	DEBABRATA TARAI	Debabrata Tarai
23	220705180023	BRAJA MOHAN PANIGRAHI	Braja Mohan Panigrahi
24	220705180024	JEEVAN JYOTI SUNDARAY	Jeevan Jyoti Sundaray
25	220705180025	SWATIREKHA PANDA	Swatirekha Panda
26	220705180026	SUSHANTA KUMAR PANDA	Sushanta Kumar Panda
27	220705180027	POONAM NAYAK	Poonam Nayak
28	220705180029	ANKITA MOHANTY	Ankita Mohanty
29	220705180030	ASISH KUMAR PATRO	Asish Kumar Patro
30	220705180031	ANANYA PRIYADARSHINI	Ananya Priyadarshini
31	220705180032	SK RUHULLAH	SK Ruhullah
32	220705180033	ABHILASH MISHRA	Abhilash Mishra
33	220705180034	DHANANJAYA MAJHEE	Dhananjaya Majhee
34	220705180035	KAMALAKANTA SWAIN	Kamalakanta Swain
35	220705180036	AMAN MISHRA	Aman Mishra
36	220705180037	PRATEEKSHA SHWETAPADMA	Prateeksha Shwetapadma
37	220705180038	SONALI PRIYA SINGH	Sonali Priya Singh
38	220705180039	ARPITA PANDA	Arpita Panda
39	220705180040	SK MD RAJ KUMAR	SK MD RAJ KUMAR
40	220705180041	SWASTI DEEPAN PATNAIK	Swasti Deepan Pattnaik
41	220705180042	SANSKRUTI SAMAL	Sanskriti Samal
42	220705180043	RAJALAXMI SAR	Rajalaxmi Sar



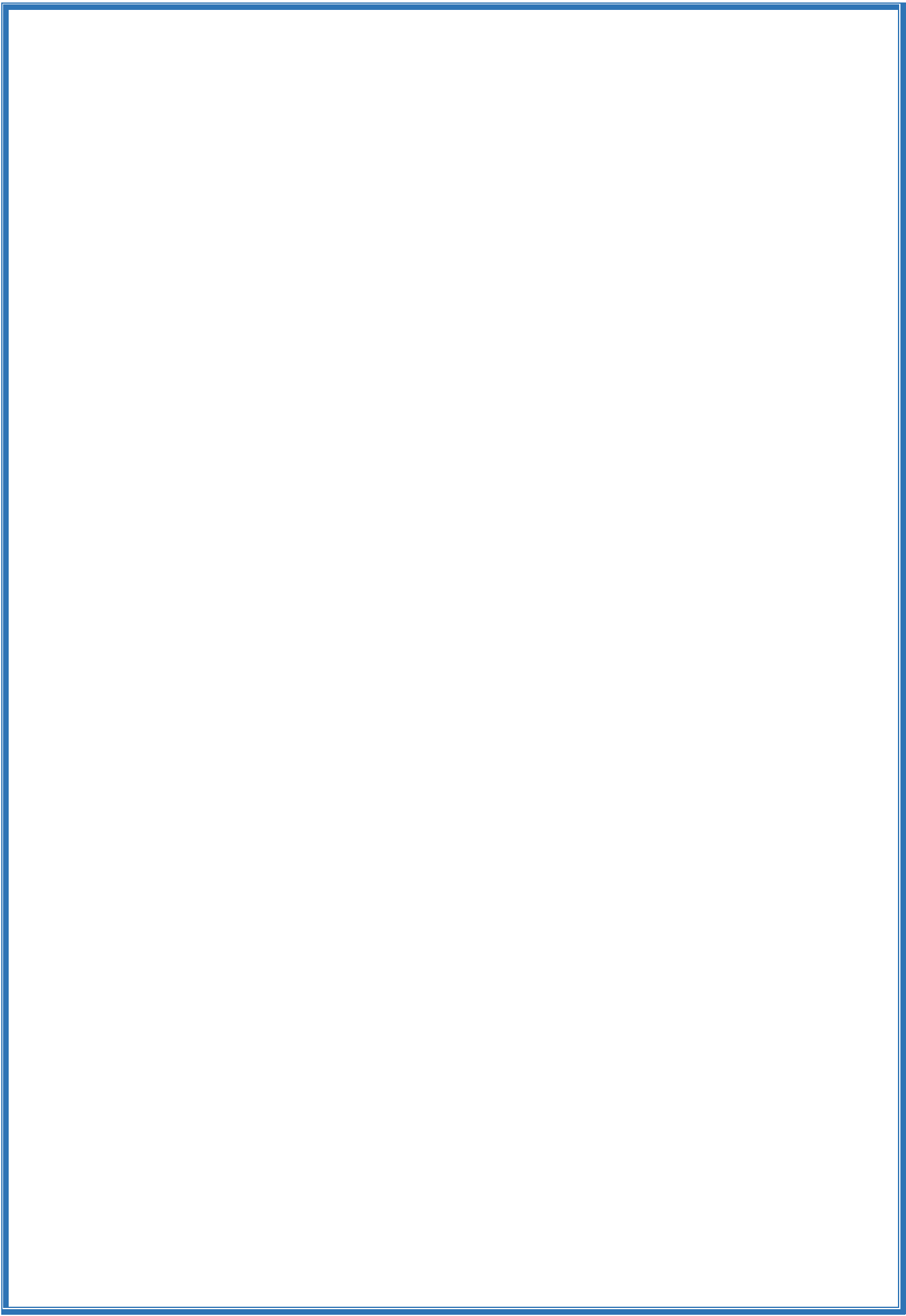
**Centurion University of Technology and Management, Bhubaneswar Campus**

**Students Attendance Sheet**

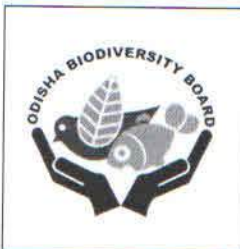
Sl. No	Regd. No.	Students Name	Branch	Signature	Remarks
1	230705180012	Debaris Pattnaik	M.Sc.	Debaris	
2	230705180007	Priyanka Banal	M.Sc.	Priyanka	
3	230705180024	Bismoy Priyadarshi	M.Sc.	Bismoy	
4	230705180038	Ajitab Biswal	M.Sc.	Ajitab Biswal	
5	230705180026	Surajya prasad sahoo	M.Sc.	Spadapri	
6	230705180014	Ajaya Kumar Pradhan	M.Sc.	Ajay Pradhan	
7	230705180070	Padmini Dash	M.Sc.	padmini dash	
8	230705180040	Sidharth Sahu	M.Sc.	Sidharth Sahu	
9	230705180067	Rahul Swain	M.Sc.	Rahul Swain	
10	230705180065	Priyabrata Patra	M.Sc.	Priyabrata Patra	
11	230705180013	Swarny Kalyan Sahu	M.Sc.	Swarny Kalyan Sahu	
12	230705180025	Abhaya B. Panda	M.Sc.	Abhaya Panda	
13	230705180039	Prangya Acharyn	M.Sc.	Prangya	
14	230705180031	Subhashree Priyadarshi	M.Sc.	Subhashree Priyadarshi	
15	230705180037	Lipsa Rout	M.Sc.	Lipsa Rout	
16	230705180061	Pragati Sahu	M.Sc.	Pragati Sahu	
17	230705180050	Ankita Priyadarshi Rout	M.Sc.	Ankita P. Rout	
18	230705180045	Bighelooori Mishra	M.Sc.	Bighelooori Mishra	
19	230705180058	Kajal Sahoo	M.Sc.	K. Sahoo	
20	230705180005	Smrutijyoti Behera	M.Sc.	Smrutijyoti Behera	
21	230705180032	Ananya Mishra	M.Sc.	Ananya Mishra	
22	230705180029	Bidyabati Manna	M.Sc.	Bidyabati Manna	
23	230705180023	Mukta manjari Sahoo	M.Sc.	Mukta manjari Sahoo	
24	230705180003	Preiti Prangya Choudhury	M.Sc.	Preiti P. Choudhury	
25	230705180035	Subhashree Nayak	M.Sc.	Subhashree Nayak	
26	230705180018	Bandita Nahak	M.Sc.	Bandita Nahak	
27	230705180053	Aparna Mendli	M.Sc.	Aparna Mendli	
28	230705180063	Banshree Banerjee	M.Sc.	Banshree B. Sahoo	
29	230705180015	Harshita Prusty	M.Sc.	Harshita Prusty	
30	230705180057	Ankita Sahu	M.Sc.	Ankita Sahu	
31	230705180064	Manchi Basanta	M.Sc.	Manchi Basanta	
32	230705180066	Meenalshi Nayak	M.Sc.	Meenalshi Nayak	
33	230705180062	PM Lipsa Swagatika	M.Sc.	PM Lipsa Swagatika	
34	230705180059	B.T. Supriya Das	M.Sc.	B.T. Supriya Das	
35	230705180060	P. Ananya	M.Sc.	P. Ananya	
36	230705180055	Itishree P. Behera	M.Sc.	Itishree P. Behera	
37	230705180048	Swagatika Joshi	M.Sc.	Swagatika Joshi	



Sl. No.	Regd. No.	Students Name	Branch	Signature	Remarks
39	230705180043	Ankita Sethi	M.Sc.	Ankita Sethi	
40	230705180037	Richa Routroy	M.Sc.	Richa Routroy	
41	230705180008	Amila Mohanty	M.Sc.	Amila Mohanty	
42	230705180027	Sushree Sobhita Jena	M.Sc.	Sushree Sobhita Jena	
43	230705180020	Surekshata Panda	M.Sc.	Surekshata Panda	
44	230705180011	Subhree Supriya Saha	M.Sc.	Subhree Supriya Saha	
45	230705180016	Surekha Bag	M.Sc.	Surekha Bag	
46	230705180004	Subhashree Mahanty	M.Sc.	Subhashree Mahanty	
47	230705180010	Preeti Soren	M.Sc.	Preeti Soren	
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					







## ODISHA BIODIVERSITY BOARD

Regional Plant Resource Centre Campus  
Ekamrakana, Nayapalli, Bhubaneswar-15, Odisha  
Forest, Environment and Climate Change Department, Govt. of Odisha  
Tel No.0674-2552006 Email: msobb@rediffmail.com  
www.odishabiodiversityboard.in

No. Estt. 167/OBB/2021/7853 / OBB, Bhubaneswar

Date: 08.04.2024

From

Dr. Nihar Ranjan Nayak  
Member Secretary

To

Dr. (Mrs.) Santilata Sahoo, Former Professor, Dept. of Botany, Utkal University, Bhubaneswar

Dr. Prafulla Kumar Das, Former (Dean), OUAT, Bhubaneswar

Dr. Prasannajit Mishra, Dean, Extension, OUAT, Bhubaneswar

Dr. Siba Prasad Parida, Professor, Dept. of Zoology, CUTM, Bhubaneswar

Dr. Prasad Kumar Dash, Botanist, OBB

Dr. Satyaranjan Behera, Zoologist, OBB

Dr. Shubhransu Nayak, Coordinator, OBB

**Sub: Review of status of enrichment of PBRs in 50 GP BMCs of Similipal Biosphere Reserve and 5 GP BMCs of Angul District-Reg.**

Madam/ Sir,

In inviting a reference to the subject cited above, it is to inform that the Board is undertaking the enrichment of PBRs in 50 GP BMCs of Similipal Biosphere Reserve and 5 GP BMCs of Angul district. In this regard, a meeting of the State level PBR review committee is scheduled to be held on 12.04.2024 at 11.30AM in the office of OBB to review the status of progress of the PBRs and future plans to complete the assignments by the respective NGOs.

In this regard, you are requested to make it convenient to attend the meeting on the scheduled date and time.

Yours faithfully,

*Dr. Nihar Ranjan Nayak*  
08/04/2024

Member Secretary

Memo No. 7854 Date: 08.04.24

Copy forwarded to Saktisikha, Baripada, Gram Swaraj, Baripada, NEWS, Angul for information.

You are required to update the committee on the status of progress of the PBRs through Power point presentation and produce the hard copies/ soft copies of one PBR.

*Dr. Nihar Ranjan Nayak*  
08/04/2024

Member Secretary

Memo No. 7855 Date: 08.04.24

Copy forwarded to the PCCF-cum-Chairperson, OBB for kind information.

*Dr. Nihar Ranjan Nayak*  
08/04/2024

Member Secretary



**Centurion University of Technology and Management, Odisha**  
**School of Applied Sciences**  
**Department of Zoology**  
**Month of June-2024**

**Conferences/ workshops/FDP/MDP/Webinar/Seminar attended and organized by faculty.**

- Dr. Siba Prasad Parida was invited as a resource person to Nandankanan for a technical support and advice for taxidermy and osteological preparation of Royal Bengal tiger "Nandan" on dated 11<sup>th</sup> May 2024
- All the faculty members of the department Dr. Siba Prasad Parida, Dr., Yashaswi Nayak, Dr.-Sunita Satapathy, Dr. Pradeep Kumar Prusty, Dr. Gagan Kumar Panigrahi, Dr. Bikash Ranjan Sahu were attended the University level 5 days FDP (Faculty Development Program) at Auditorium Hall from 3<sup>rd</sup> June 2024 to 8<sup>th</sup> June 2024 organized by Centurion University of Technology and Management.
- All the faculty members of the department Dr. Siba Prasad Parida, Dr., Yashaswi Nayak, Dr.-Sunita Satapathy, Dr. Pradeep Kumar Prusty, Dr. Gagan Kumar Panigrahi, and Dr. Bikash Ranjan Sahu were attended the 5 days FDP (Faculty Development Program) at Auditorium Hall and in room.No-18 of Aryabhata Building from 24<sup>th</sup> June 2024 to 29<sup>th</sup> June 2024.









## Faculty Development Programme-2024

### SCHOOL OF APPLIED SCIENCES

24<sup>th</sup> June 2024 – 29<sup>th</sup> June 2024



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA  
[www.cutm.ac.in](http://www.cutm.ac.in)

Y. S. S.

Benash Barjan Sahu, Bina Sahu

Gagan Kumar Panigrahi

Pitambar Kumar Pitsy

Soren Mookant

Sumita Satapathy

S. S. S.

P. S. S.

S. S. S.

S. S. S.



Arpita Arsmoḥa Saho  
Purbasha Priyadarshini  
Jyotsnabha Sahoo  
Sanjib Kumare Mohanty

Jasmine Sethi

Sonya Sephalika

Rutuparna Das

Sanjoy Majumder

# **GAP for Ideal Colony Performance of Apiary Honey Bee**

Date: 18th March 2024

Venue: Auditorium, Centurion University of Technology and Management (CUTM), Bhubaneswar

Organized By: Department of Zoology, CUTM in collaboration with OUAT, Bhubaneswar

## **1. Introduction:**

The workshop titled "GAP for Ideal Colony Performance of Apiary Honey Bee" was held on 18th March 2024 at the Auditorium of Centurion University of Technology and Management (CUTM), Bhubaneswar. The workshop addressed the issues and challenges in managing honey bee colonies for optimal performance and productivity in apiaries.

## **2. Agenda:**

The workshop was divided into two segments:

### **Inauguration:**

- 10:00 AM: Arrival of the Guests on the dais
- 10:05 AM: Presentation of flower bouquet to the dignitaries
- 10:15 AM: Lighting of the holy lamp
- 10:20 AM: Welcome address by Dr. Yashaswi Nayak, HoD, Dept. of Zoology-cum-Organizing secretary

- 10:25 AM: Address by Chief Guest, Hon'ble Vice-Chancellor Prof. Supriya Pattanayak, CUTM, BBSR
- 10:30 AM: Address by Guest of Honour, Dr. Biswajit Mishra, Distinguished Professor, Research and Innovation, CUTM, Bhubaneswar
- 10:35 AM: Address by Chief Speaker, Dr. Chitta Ranjan Satapathy, Emeritus Scientist, ICAR-ESS, OUAT, Bhubaneswar
- 10:40 AM: Vote of thanks by Dr. Sunita Satapathy, Assistant Professor, Department of Zoology
- 10:45 AM: Inauguration of Exhibition

**- 11:00 AM - 12:30 PM: Technical Session**

- **Topic: GAP for ideal colony performance of apiary honey bees**
- Speaker: Prof. Chitta Ranjan Satapathy, Emeritus Scientist, ICAR-ESS, OUAT, Bhubaneswar
- Topic: Bottlenecks in the management of apiary honeybees
- Speaker: Dr. Pravasini Behera, Principal Investigator, AIRP on HBs & P, OUAT, Bhubaneswar
- 01:30 PM: Achievements prospects and problems of apiary unit of CUTM, Paralakhemundi
- Speaker: Mr. Deepayan Padhi, Assistant Prof, Entomology and Ic Apiculture

**Post Lunch Session**

**(Hands-on Training):**

- 02:00 - 03:00 PM: Handling techniques of honey bee colonies
- 03:00 - 05:00 PM: Visit to exhibition and Interact with Scientists and Beekeepers
- 05:00 - 05:30 PM: Review of day-long program

**Inauguration Highlights:**

The inauguration of the workshop witnessed esteemed guests sharing valuable insights and perspectives. Chief Guest, Hon'ble Vice-Chancellor Prof. Supriya Pattanayak, emphasized the importance of scientific interventions in beekeeping for agricultural sustainability. Guest of Honour, Dr. Biswajit Mishra, highlighted the role of research and innovation in addressing challenges faced by apiaries. Chief Speaker, Dr. C.R Satapathy, underscored the significance of implementing Good Agricultural Practices for optimal colony performance. These speeches set a promising tone for the workshop's deliberations.

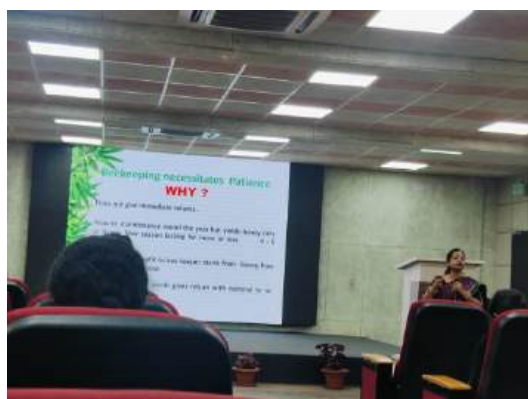






### **3. Technical Session Highlights:**

During the technical session, esteemed speakers shed light on various aspects related to honey bee colony management, including the significance of maintaining ideal conditions for colony performance, identifying bottlenecks in management practices, and discussing achievements, prospects, and challenges faced by apiary units.



#### 4. Hands-on Training:

After lunch, participants engaged in hands-on training focusing on practical techniques for handling honey bee colonies. This session provided valuable insights into the practical aspects of beekeeping, enhancing the participants' understanding of effective colony management practices. This hands-on session afforded participants the opportunity to gain firsthand experience in handling honey bee colonies. Through practical demonstrations and guided exercises, individuals acquired invaluable insights into the nuances of effective colony management techniques. From inspecting hives to identifying common challenges, the training fostered a deeper understanding of beekeeping practices. By actively engaging in these practical activities, participants were equipped with the knowledge and confidence needed to navigate the complexities of beekeeping with proficiency and assurance.









## **5. Conclusion:**

The workshop on "GAP for Ideal Colony Performance of Apiary Honey Bee" proved to be an insightful and enriching experience for all participants. The combination of informative technical sessions and practical training contributed to enhancing knowledge and skills in honey bee colony management.

## **6.Recommendations:**

It is recommended to organize similar workshops periodically to update beekeepers and researchers with the latest advancements and best practices in apiary management. Additionally, collaborations between academia, research institutions, and beekeeping associations can further promote knowledge exchange and innovation in this field.

## **7. Acknowledgments:**

We extend our heartfelt gratitude to all the dignitaries, speakers, participants, and organizing committee members for their contributions toward making this workshop a success.

## **8. Future Prospects:**

Moving forward, it is essential to continue fostering collaboration and knowledge-sharing platforms to address emerging challenges and opportunities in honey bee colony management, thereby ensuring sustainable and productive apiaries.

This formal report encapsulates the proceedings and outcomes of the workshop on "GAP for Ideal Colony Performance of Apiary Honey Bee" held at CUTM on 18th March 2024.

## Participation of Students in Symposium

Youth4Water Plus is a UNICEF Odisha invited Dr. Siba Prasad Parida as Resource Person for the Finale Youth Statement session in the '**Symposium on Wildlife and Biodiversity Conservation**' on 20th February, 2014 at Regional Science Center, Bhubaneswar.

The list of M.Sc 1<sup>st</sup> year students below of department of Zoology, School of applied science, Centurion University of Technology and Management, Odisha attended the symposium under the supervision of Dr. Siba Prasad Parida.

1. Pradeep Kumar yadav 230705180033
2. Sidharth shau 230705180040
3. Ipsita mishra 230705180051
4. Sanjana Chowdary 230705180042
5. S. varshnishree 230705180041
6. Sonam Pradhan 230705180019
7. Dev panda 220705180018
8. Kamalakanta swain 220705180035
9. Maitri Mishra 220705180050
10. Megha samal 220705180053
11. Bharati raul 220705180056
12. Ananya anuradha sahu 220705180075
13. Sonali sahu 220705180078
14. Anshuman Behura 210704170019

The invitation letter is attached herewith for your kind reference and necessary action.

## Participation of Students in Symposium

Youth4Water Plus is a UNICEF Odisha invited Dr. Siba Prasad Parida as Resource Person for the Finale Youth Statement session in the '**Symposium on Wildlife and Biodiversity Conservation**' on 20th February, 2014 at Regional Science Center, Bhubaneswar.

The list of M.Sc 1<sup>st</sup> year students below of department of Zoology, School of applied science, Centurion University of Technology and Management, Odisha attended the symposium under the supervision of Dr. Siba Prasad Parida.

1. Pradeep Kumar yadav 230705180033
2. Sidharth shau 230705180040
3. Ipsita mishra 230705180051
4. Sanjana Chowdary 230705180042
5. S. varshnishree 230705180041
6. Sonam Pradhan 230705180019
7. Dev panda 220705180018
8. Kamalakanta swain 220705180035
9. Maitri Mishra 220705180050
10. Megha samal 220705180053
11. Bharati raul 220705180056
12. Ananya anuradha sahu 220705180075
13. Sonali sahu 220705180078
14. Anshuman Behura 210704170019

The invitation letter is attached herewith for your kind reference and necessary action.

Sushanta Kumar Panda - 220705180026 - Sushanta ku Panda  
Goutam Maharana - 220705180074 - Goutam Maharana  
Sonali Sahu - 220705180078 - Sonali sahu

Maitri Mishra  
Megha samal

Bharati Raul



<u>Name</u>	<u>Regd No</u>	<u>Signature</u>
Rahul Swain	230705180067	Rahul Swain
Pradeep Kumar Yadav	230705180033	Pradeep Ku. Yadav
S. Varshnishree	230705180041	S. Varshnishree
Sanjana Choudhary	230705180042	Sanjana
Sidharth Sahu	230705180040	Sidharth
Priyabrata Mohapatra	230705180065	P. Mohapatra
Sonam Pradhan	230705180019	Sonam Pradhan

### Students participation in 4th National Chilika Birds Festival 2024

Sl. No	Name	Registration Number	Course
1	Jeevan Jyoti Sundaray	220705180024	M.Sc Zoology
2	Bharati Raul	220705180056	M.Sc Zoology
3	Kamalakanta Swain	220705180035	M.Sc Zoology
4	Deva Prasad Panda	220705180018	M.Sc Zoology
5	Sonali Sahu	220705180078	M.Sc Zoology
6	Megha Samal	220705180053	M.Sc Zoology
7	Maitri Mishra	220705180050	M.Sc Zoology
8	Ananya Anuradha Sahoo	220705180075	M.Sc Zoology
9	Ipsita Mishra	210705180086	M.Sc Zoology
10	Anshuman Behura	210704170019	B.Sc Zoology

## A Report on student activity



The students of M.Sc Zoology Ms. Megha Samal, Ms. Maitri Mishra, Ms. Ananya, Ms Bharati Raul and Mr. Jeevanjyoti Sundarrai were participated in Bird Census programme under supervision of Dr. Siba Prasad Parida , Professor of Dept. of Zoology. The bird census programme was conducted by the forest department at Kuldiha, Balasore, Odisha.

Bharati Raul

Ananya Nanda

Jeevanjyoti Sundarrai

Maitri Mishra  
Megha Samal



# କୁଳଡିହାରେ ୪ ଟିମ୍ ନିୟୋଜିତ



ବାଲେଶ୍ୱର(ଆପ୍): ବାଲେଶ୍ୱର ଜିଲ୍ଲା ନୀଳଗିରି କୁଳଡିହା ଅଭୟାରଣ୍ୟରେ ବୁଧବାର ବନବିଭାଗ ପକ୍ଷରୁ ପକ୍ଷୀଗଣନା ଆରମ୍ଭ ହୋଇଛି । ବାଲେଶ୍ୱର ଡିଏଫ୍‌ଓଙ୍କ ନିର୍ଦ୍ଦେଶରେ ଏସିଏଫ୍ ଶୋଭନ ଦିଗନ୍ତ ଚାନ୍ଦ, ରାମଚନ୍ଦ୍ର ମୁର୍ମୁ ଓ କୁଳଡିହା ରେଞ୍ଜର ପ୍ରବୀର ମୁର୍ମୁଙ୍କ ନେତୃତ୍ୱରେ ଅଭୟାରଣ୍ୟ ଭିତରେ ଥିବା ଗିରିଆ ଡ୍ୟାମ୍, ବୁଗାଳିବନ୍ଧ, ଖୁମକୁଟ, ତେଣ୍ଡା ସାତଘାଟି ଡ୍ୟାମ୍‌ରେ ଗଣନା କରାଯାଇଛି ।

ପକ୍ଷୀଗଣନା ପାଇଁ ୪ଟି ଟିମ୍ ନିୟୋଜିତ ହୋଇଛି ଓ ସକାଳ ୬ଟାରୁ ଅପରାହ୍ନ ପର୍ଯ୍ୟନ୍ତ ଗଣନା କରାଯାଇଛି । ପକ୍ଷୀ ବିଶେଷଜ୍ଞ ମନୋରଞ୍ଜନ ଦାସ, ପୂର୍ବତନ ଡ୍ରାକଲୁ ଲାଇଫ ଡ୍ରାଡେନ୍ ପ୍ରକାଶ ଚନ୍ଦ୍ର ମର୍ଦ୍ଦରାଜ, ସେଞ୍ଚୁରିଆନ ବିଶ୍ୱବିଦ୍ୟାଳୟରୁ

ଭାରତୀ ରାହୁଲ, ମେଘା ସାମଲ, ମୈତ୍ରୀ ମିଶ୍ର, ଅନନ୍ୟା ଅନୁରାଧା ସାହୁ, ଜୀବନଜ୍ୟୋତି ପ୍ରଦରାୟ ପ୍ରମୁଖ ଛାତ୍ରାଛାତ୍ରଙ୍କ ସହ ଫରେଷ୍ଟର ଭାଗ୍ୟଶ୍ରୀ ଦ୍ୱିବେଦୀ, ସୌମ୍ୟ ରଞ୍ଜନ ମାଝୀ ପ୍ରତ୍ୟେକ ବିଟ୍‌ର ଫରେଷ୍ଟଗାର୍ଡ, ସବୁଜବାହିନୀ ପକ୍ଷୀଗଣନା କରୁଛନ୍ତି । ଏବର୍ଷ ବଗ, ଶୁଆ, ଗେଣ୍ଡାଳିଆ, ମାଛରଙ୍କା, ସଲରୀ, କଜଳପାତି, ବୁବୁନ, ଭଦଭଦଳିଆ ଆଦି ୫୬ ପ୍ରଜାତିର ଦେଶୀ, ବିଦେଶୀ ପକ୍ଷୀ ଆସିଥିବା ଜଣାପଡ଼ିଛି । ସେହିପରି ନୀଳଗିରି ବନ ବିଭାଗ ଅଧୀନ ପଦ୍ମତୋଳାଠାରେ ନୀଳଗିରି ରେଞ୍ଜର ଆଇଶା ଅକତାର ନିଶାଙ୍କ ନିର୍ଦ୍ଦେଶରେ ଫରେଷ୍ଟର, ଫରେଷ୍ଟଗାର୍ଡ, ସବୁଜବାହିନୀକୁ ନେଇ ପକ୍ଷୀଗଣନା କରାଯାଇଛି ।



## **A SYMPOSIUM on Wildlife and Biodiversity Conservation: A Report**

A SYMPOSIUM on Wildlife and  
Biodiversity Conservation was held in  
Regional Science Center in  
Bhubaneswar on 20<sup>th</sup> February 2024.

Selected student S . Varshnishree, ,  
Ipsita Mishra, Sonam Pradhan and  
siddharth sahu

Pradeep kumar yadav of Zoology department, Centurion University of Technology and Management, Odisha attended the SYMPOSIUM under the guidance of Dr. Siba Prasad Parida..

The symposium provided a comprehensive understanding of biodiversity conservation in Odisha majorly to the youth students. The government representatives like Shri Susanta Nanda, PCCF cum CWLW Govt. of Odisha, and also William Hanlon – a UNICEF member of Odisha were addressed the gathering. .

It was more persuaded by Dr. Lala Ashwini Kumar Singh, former Wildlife Biologist's talk and his tremendous contributions to the state by creating the first crocodile reserves for their conservation. The student participants even more stirred up by his successful projects of conservation of various other animals like Project Tiger, Project Crocodile and Project Elephant. Dr. Pratyush P Mohapatra, Scientist E, Zoological Survey of India, Kolkata- presented a talk on the various mammals of our state and their conservation strategies.

Then, the youth students and other environmental researchers had a panel discussion where it was asked to discuss various problems that are being faced every time for conserving the local wildlife and their habitat. The symposium also came up with some innovative suggestions which were noted down by the media person's. The Government of Odisha is going to take these suggestions and try incorporating them into their schemes for the conservation of wildlife and biodiversity.

The conference made us explore the biodiversity of Odisha, and helped us to understand the threats faced by the biodiversity in the region and the importance of conservation efforts. It was the platform of exploring new varieties of animal species and learning about the nature.



## Workshop Report

A workshop was conducted by AICTE team on Universal Human Value of 3days programme scheduled from 29th May 2024 to 31st May 2024 in Centurion University of Technology and Management. The registered faculty and staff members across all campuses were participated the Workshop .

Dr. Yashaswi Nayak and Dr. Sunita Satapathy of the department of Zoology, SoAS were participated.



Sunita Satapathy

Y. Nayak



## **WORKSHOP ON OSTEO-ARTICULATION: A REPORT**

**Conducted by the Department of Zoology**

**24<sup>th</sup> February 2024**

### **RESOURCE PERSON**

Dr. Siba Prasad Parida

### **STUDENTS PARTICIPANTS:**

B.Sc. Zoology (2<sup>nd</sup> year)

M.Sc. Zoology (2<sup>nd</sup> year)

Ph.D. Scholars

In the fascinating world of biological sciences and museology, the preservation of bones stands out as a crucial technique, encompassing both the reverence for historical artifacts and the commitment to educational excellence. Recognizing the significance of this practice, the Department of Zoology took the initiative to organize a comprehensive workshop titled "Osteoarticulation." This event, held on 24 February 2024, aimed to bridge the gap between theoretical knowledge and practical application, providing participants with a hands-on experience in the meticulous art of bone preservation.

The workshop presided over by Dr. Yashaswi Nayak, Dean and HoD of Zoology Department, SoAS, Centurion University of Technology and Management, Odisha. She cordially invited Dr. Siba Prasad Parida to conduct the hands on training for the participants including students and faculty members. The faculty members Dr. Gagan Kumar Panigrahi, Dr. Bikash ranjan Sahu, Dr. Pradip Kumar Prusty and Mr. Soumen Mohanty of the department associated in the workshop.

The workshop was meticulously designed to cater to a diverse audience, including students, faculty members. Dr. Siba Prasad Parida trained and taught to disseminate specialized knowledge and skills essential for the preservation, restoration, and display of skeletal materials. Given the increasing importance of preserving biological specimens for educational, scientific, and historical purposes, the workshop emerged as a timely intervention to foster appreciation and understanding of this delicate art.



The workshop featured an engaging mix of theoretical lectures, practical demonstrations, and interactive sessions led by distinguished experts in the field of museology and bone preservation. Topics covered ranged from the basic principles of bone anatomy and the initial steps of cleaning and degreasing, to more advanced techniques such as chemical bleaching, structural consolidation, and ethical considerations in bone handling.

Participants had the unique opportunity to apply their learning practically, working directly with specimens provided for the purpose. This hands-on approach not only enhanced their learning experience but also instilled a sense of responsibility towards preserving our natural and cultural heritage.

Furthermore, the workshop emphasized the importance of meticulous documentation by using the steps of protocol includes (Acquisition, Initial Cleaning, Degreasing, Bleaching, Drying, Repair and Reconstruction, Mounting, Labeling and Documentation and at last Storage or Display) and the use of non-destructive preservation methods, underscoring the ethical considerations vital to the practice.

### **Outcomes of Workshop :**

"Osteoarticulation" successfully created a platform for learning, discussion, and collaboration among individuals passionate about the preservation of our biological heritage. It marked a significant step towards fostering a community of skilled individuals dedicated to the conservation of valuable scientific specimens for future generations. By the conclusion of the event, attendees were not only equipped with the technical know-how of bone preservation but were also instilled with a deep appreciation for the interdisciplinary nature of this field, bridging the gap between science, history, and art





Arpita Arsmoja Sahoo  
 Purbasha Priyadarshini  
 Jaganmukha Sahoo  
 Sanjib Kumare Mohanty

Rutupurnee Das

Sonya Sephalika

Jasmine Sathi



**Centurion University of Technology and Management, Bhubaneswar Campus**

**Students Attendance Sheet**

Sl. No	Regd. No.	Students Name	Branch	Signature	Remarks
1	230705180012	Debaris Pattnaik	M.Sc.	Debaris	
2	230705180007	Priyanka Banal	M.Sc.	Priyanka	
3	230705180024	Bismoy Priyadarshi	M.Sc.	Bismoy	
4	230705180038	Ajitab Biswal	M.Sc.	Ajitab Biswal	
5	230705180026	Surajya Prasad Bala	M.Sc.	Apdalan	
6	230705180014	Ajaya Kumar Pradhan	M.Sc.	Ajay Pradhan	
7	230705180070	Padmini Dash	M.Sc.	padmini Dash	
8	230705180040	Sidharth Bahu	M.Sc.	Sidharth Bahu	
9	230705180067	Rahul Swain	M.Sc.	Rahul Swain	
10	230705180065	Priyabrata <sup>Maha</sup> Patra	M.Sc.	Priyabrata Patra	
11	230705180013	Swarny Kalyan Bahu	M.Sc.	Swarny Kalyan Bahu	
12	230705180025	Abhaya K. Panda	M.Sc.	Abhaya Panda	
13	230705180039	Prangya Acharya	M.Sc.	Pr	
14	230705180031	Subhashree Priyadarshini	M.Sc.	Subhashree Priyadarshini	
15	230705180037	Lipsa Rout	M.Sc.	Lipsa Rout	
16	230705180061	Pragati Sahu	M.Sc.	Pragati Sahu	
17	230705180050	Ankita Priyadarshini Rout	M.Sc.	Ankita P. Rout	
18	230705180045	Bigheswari Mishra	M.Sc.	Bigheswari Mishra	
19	230705180058	Kajal Sahoo	M.Sc.	K. Sahoo	
20	230705180005	Smrutijyoti Behera	M.Sc.	Smrutijyoti Behera	
21	230705180032	Ananya Mishra	M.Sc.	Ananya Mishra	
22	230705180029	Sidhyabati Manna	M.Sc.	Sidhyabati Manna	
23	230705180023	Mukta Manjari Sahoo	M.Sc.	Mukta Manjari Sahoo	
24	230705180003	Preeti Prangya Choudhury	M.Sc.	Preeti P. Choudhury	
25	230705180035	Subhashree Nayak	M.Sc.	Subhashree Nayak	
26	230705180018	Bandita Nahak	M.Sc.	Bandita Nahak	
27	230705180053	Aparna Mendli	M.Sc.	Aparna Mendli	
28	230705180063	Banshree Banerjee	M.Sc.	Banshree B. Sahoo	
29	230705180015	Harekita Prusty	M.Sc.	Harekita Prusty	
30	230705180057	Ankita Sahu	M.Sc.	Ankita Sahu	
31	230705180064	Manish Barick	M.Sc.	Manish Barick	
32	230705180066	Meenakshi Nayak	M.Sc.	Meenakshi Nayak	
33	230705180062	Pr Lipa Gangatika	M.Sc.	Pr Lipa Gangatika	
34	230705180054	B.T. Supriya Das	M.Sc.	B.T. Supriya	
35	230705180060	P. Ananya	M.Sc.	P. Ananya	
36	230705180055	Trishree P. Behera	M.Sc.	Trishree P. Behera	
37	230705180048	Swagatika Joshi	M.Sc.	Swagatika Joshi	



Sl. No	Regd. No.	Students Name	Branch	Signature	Remarks
39	230705180043	Ankita Sethi	M.Sc	Ankita Sethi	
40	230705180037	Richa Routroy	M.Sc.	Richa Routroy	
41	230705180008	Amila Mohanty	M.Sc.	Amila Mohanty	
42	230705180027	Sushree Sobhita Jena	M.Sc.	Sushree Sobhita Jena	
43	230705180020	Suryamata Panda	M.Sc.	Suryamata Panda	
44	230705180011	Sushree Supriya Saha	M.Sc.	Sushree Supriya Saha	
45	230705180016	Surukha Bag	M.Sc	Surukha Bag	
46	230705180004	Subhansree Mahanty	M.Sc	Subhansree Mahanty	
47	230705180010	Preeti Soren	M.Sc	Preeti Soren	
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					

Anubhawan Dash 220704170007 - R Dash  
 Devesh Dhyagote - 226704170001 - Devesh



## Workshop Report

Dated-3<sup>rd</sup> March 2024

A workshop on “Odisha wildlife Conclave” was held on **3<sup>rd</sup> March 2024** in Jayadev Bhawan, Bhubaneswar. Prof. (Dr.) on the occasion of world wildlife day. Dr. Siba Prasad Parida was invited as resource person for this workshop. Mr. Sushant kumar Panda, a student of Zoology Department, SoAS participated on the workshop.



<https://drive.google.com/file/d/1Pcajwcj0KKpFrTCbJJmi1x4W7YL-ZWaE/view?usp=sharing>

Sushant Kumar Panda

# A Workshop Report

On

## GAP for Ideal Colony Performance of Apiary Honey Bee

### 1. Introduction:

The workshop titled "GAP for Ideal Colony Performance of Apiary Honey Bee" was held on 18th March 2024 at the Auditorium of Centurion University of Technology and Management (CUTM), Bhubaneswar. The workshop was organized by the department of Zoology in collaboration with Odisha University of Agriculture and Technology (OUAT), Bhubaneswar. The workshop aimed to address the issues and challenges in managing honey bee colonies for optimal performance and productivity in apiaries.

### 2. Inauguration Highlights:

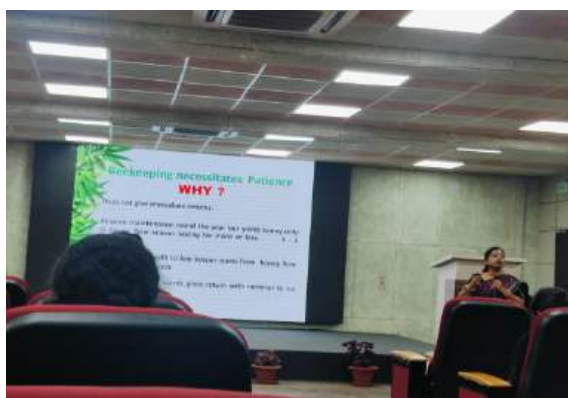
The inauguration of the workshop began with **welcome** address by Dr. Yashaswi Nayak, Dean, School of Applied Sciences. The opening session **witnessed** esteemed guests sharing valuable insights and perspectives. Chief Guest, Hon'ble Vice-Chancellor Prof. Supriya Pattanayak, emphasized the importance of scientific interventions in beekeeping for agricultural sustainability. Guest of Honour, Dr. Biswajit Mishra, highlighted the role of research and innovation in addressing challenges faced by apiaries. The esteemed guest of the workshop Chief Speaker, Dr. C.R Satapathy, Emeritus Scientist, ICAR-ESS, OUAT, Bhubaneswar and followed by Dr. Pravasini Behera, underscored the significance of implementing Good Agricultural Practices (GAP) for optimal colony performance. These speeches set a promising tone for the workshop's deliberations.



### 3. Technical Session Highlights:

During the technical session, esteemed speakers Prof. Chitta Ranjan Satapathy delivered a talk on “**GAP for ideal colony performance of apiary honey bees** -A Novel activity for all irrespective of age, gender, qualification and profession” and Dr. Pravasini Behera presented her talk on “Bottlenecks in the management of apiary honeybees”. Another talk emphasized on the economic challenges in apiculture by Mr. Deepayan Padhi, Assistant Prof, Entomology and Apiculture in his talk “Achievements prospects and problems of apiary unit of CUTM, Paralakhemundi”

All the speakers shed light on various aspects related to honey bee colony management, including the significance of maintaining ideal conditions for colony performance, identifying bottlenecks in management practices, and discussing achievements, prospects, and challenges faced by apiary units.



## 4. Hands-on Training:

In post lunch session, the participants engaged with invited apiary farmer in hands-on training focusing on practical techniques for handling honey bee colonies. This session provided valuable insights into the practical aspects of beekeeping, enhancing the participants' understanding of effective colony management practices. This hands-on session afforded participants an opportunity, to gain first-hand experience in handling honey bee colonies and set up of honey bee box.

Through practical demonstrations and guided exercises, each participants acquired invaluable insights into the nuances of effective colony management techniques. From inspecting hives to identifying common challenges, the training fostered a deeper understanding of beekeeping practices. By actively engaging in these practical activities, participants were equipped with the knowledge and confidence needed to navigate the complexities of beekeeping with proficiency and assurance.

All participants visit to the exhibition area for observing the displays and interacting with scientists and Beekeepers.





### Valedictory session:

In the end **session** of the workshop the chief speakers were felicitated with a token of appreciation by Dr. Yashaswi Nayak and the invited beekeepers were also felicitated by Prof. Siba Prasad Parida, department of Zoology, CUTM, Bhubaneswar. At last vote of thanks was presented by Dr. Sunita Satapathy, Assistant professor, department of Zoology.







## 5. Conclusion:

The workshop on "GAP for Ideal Colony Performance of Apiary Honey Bee" proved to be an insightful and enriching experience for all participants. The combination of informative technical sessions and practical training contributed to enhancing knowledge and skills in honey bee colony management.

<div style="display: flex; align-items: center;"> <div> <p>Centurion University of Technology and Management, Bhubaneswar Campus</p> <p><b>STUDENT ATTENDANCE SHEET</b></p> </div> </div>				
Sl. No.	Roll No.	Students Name	Signature	Remarks
1	230704170001	Ankita Sahu	Ankita Sahu	
2	230704170002	Bikash Ranjan Behera		
3	230704170003	Adarsh Khamari	Adarsh Khamari	
4	230704170004	Shaswat Kumar Patra	Shaswat Kumar Patra	
5	230704170005	Swapna Rani Das	Swapna Rani Das	
6	230704170006	Anee Patel	Anee Patel	
7	230704170007	Jagruiti Priyadarsini	Jagruiti Priyadarsini	
8	230704170009	Sonali Priyadarsani	Sonali Priyadarsani	
9	230704170010	Sradhanjali Jena	Sradhanjali Jena	
10	230704170011	Subhashis Naik	Subhashis Naik	
11	230704170013	N. Sunena	N. Sunena	
12	230704170014	SAMIKSA PATTANAYAK	Samiksa Pattanayak	
13	230704170015	Priyanshi Kar	Priyanshi Kar	
14	230704170016	Pinky Mahakud		

Rudranarayan Dash 230704170007 - R Dash  
 Debesh Debgyote - 230704170001 - Debesh



Centurion University of Technology and Management, Bhubaneswar Campus					
Students Attendance Sheet					
Sl. No	Regd. No.	Students Name	Branch	Signature	Remarks
1	230705180012	Debasis Pattnaik	M.Sc.	Debasis	
2	230705180007	Priyanka Banal	M.Sc.	Priyanka	
3	230705180024	Bismoy Prasad	M.Sc.	Bismoy	
4	230705180038	Ajitab Biswal	M.Sc.	Ajitab Biswal	
5	230705180026	Surajya Pansari	M.Sc.	Surajya	
6	230705180014	Ajaya Kumar Pradhan	M.Sc.	Ajaya Pradhan	
7	230705180070	Spadmini Dash	M.Sc.	Spadmini Dash	
8	230705180040	Siddharth Sahu	M.Sc.	Siddharth Sahu	
9	230705180067	Rahul Swain	M.Sc.	Rahul Swain	
10	230705180065	Priyabrata Patra	M.Sc.	Priyabrata Patra	
11	230705180013	Swarny Kalyan Sahu	M.Sc.	Swarny Kalyan Sahu	
12	230705180025	Abhaya S. Panda	M.Sc.	Abhaya Panda	
13	230705180039	Prangya Acharya	M.Sc.	Prangya	
14	230705180031	Subhashree Prasad	M.Sc.	Subhashree Prasad	
15	230705180037	Lipsa Rout	M.Sc.	Lipsa Rout	
16	230705180061	Pragati Sahu	M.Sc.	Pragati Sahu	
17	230705180050	Ankita Prasad	M.Sc.	Ankita P. Rout	
18	230705180045	Bighneshree Mishra	M.Sc.	Bighneshree Mishra	
19	230705180058	Kajal Sahoo	M.Sc.	K. Sahoo	
20	230705180005	Smrutijyoti Behera	M.Sc.	Smrutijyoti Behera	
21	230705180032	Ananya Mishra	M.Sc.	Ananya Mishra	
22	230705180029	Bidyabati Manna	M.Sc.	Bidyabati Manna	
23	230705180023	Mukta Manjari Sahoo	M.Sc.	Mukta Manjari Sahoo	
24	230705180003	Preeti Prangya Choudhury	M.Sc.	Preeti P. Choudhury	
25	230705180035	Subhashree Nayak	M.Sc.	Subhashree Nayak	
26	230705180018	Barunika Nahak	M.Sc.	Barunika Nahak	
27	230705180053	Aparna Mondal	M.Sc.	Aparna Mondal	
28	230705180063	Banshree Banerjee	M.Sc.	Banshree B. Sahoo	
29	230705180015	Thirukita Rout	M.Sc.	Thirukita Rout	
30	230705180057	Ankita Sahu	M.Sc.	Ankita Sahu	
31	230705180064	Manish Basak	M.Sc.	Manish Basak	
32	230705180066	Meenalshi Nayak	M.Sc.	Meenalshi Nayak	
33	230705180062	PM Lipsa Swagatika	M.Sc.	PM Lipsa Swagatika	
34	230705180054	B.T. Supriya Das	M.Sc.	B.T. Supriya Das	
35	230705180060	P. Ananya	M.Sc.	P. Ananya	
36	230705180055	Trishree P. Behera	M.Sc.	Trishree P. Behera	
37	230705180048	Swagatika Joshi	M.Sc.	Swagatika Joshi	

Sl. No	Regd. No.	Students Name	Branch	Signature	Remarks
38	230705180043	Ankita Sethi	M.Sc.	Ankita Sethi	
39	230705180037	Richa Rout	M.Sc.	Richa Rout	
40	230705180008	Amila Mohanty	M.Sc.	Amila Mohanty	
41	230705180027	Sushree Sobhita Jena	M.Sc.	Sushree Sobhita Jena	
42	230705180020	Surajmata Panda	M.Sc.	Surajmata Panda	
43	230705180011	Surajmata Panda	M.Sc.	Surajmata Panda	
44	230705180016	Surukha Bag	M.Sc.	Surukha Bag	
45	230705180004	Subhashree Mohanty	M.Sc.	Subhashree Mohanty	
46	230705180010	Preeti Soren	M.Sc.	Preeti Soren	
47					
48					



## A REPORT ON ONE DAY WORKSHOP

### RS-GIS and its Applications using QGIS

**Date:** 5<sup>th</sup> October 2023

**Time:** 11.30 - 5.30PM

**Organizer-** Department of Botany, School of Applied Sciences, Centurion University of Technology and Management

**Number of Students/ Faculties participants-** 95

**Co-ordinator details-** Dr. Bhagyeeswari Behera and Dr. Srimay Pradhan

**Resource person details-**

**Mr. Subrat Kumar Nath**, Manager at C&W Aditya Birla Group



Mr.Subrat Kumar Nath, an engineer by profession and a wildlife photographer by passion has done conservation of endangered sparrows and motivating others for the same by conducting various awareness program and distributed nest pot around the sambalpur town. He has also done hydrophytes set up at Nandankanan Botanical garden Bhubaneswar .He has played a vital role as a story teller in the awareness program conducted by Hirakud wildlife Division, utilizing communication skills to engage and educate audience on environmental issues.

### Detailed report on the workshop

The Department of Botany, School of Applied Sciences organized a one-day hybrid mode workshop on “Cultivation of Hydrophytes” on 5<sup>th</sup> October 2023. The programme started at 11.30 AM with the welcome address by Dr. Yashaswi Nayak, Dean, School of Applied Science.

#### First Session

In the inaugural session, Dr. Yashaswi Nayak, Dean, School of Applied Science, presented the welcome address. The inaugural session focused on building a solid theoretical foundation, delving into the classification of hydrophytes, propagation techniques, and



cultivation methods. Additionally, participants were enlightened on the meticulous maintenance procedures essential for nurturing the growth of hydrophytes. In this enlightening session, our esteemed research speaker went above and beyond, captivating the audience with a visual feast of numerous photographs he had personally amassed during his deep involvement in the realm of hydrophytes, showcasing captivating hybrid varieties and their exquisite beauty.

### Second Session

The second segment of the workshop seamlessly transitioned into a practical hands-on experience, where attendees learned the intricate procedures and techniques necessary for successfully cultivating hydrophytes. The practical session unfolded, honing in on the critical aspects of soil preparation and various influencing factors crucial for hydrophyte growth. Our knowledgeable speaker delved into the art of on-field maintenance, demonstrating the meticulous removal of unwelcome organisms from containers already harboring hydrophytes.

Towards the culmination of this enriching workshop, participants were introduced to an entrepreneurship program tailored to harness the potential of cultivating these hybrid hydrophytes and their seed varieties. This holistic experience left an indelible mark, positioning this workshop as an invaluable resource for both academic enrichment and entrepreneurial endeavors. It is safe to say that every facet of theoretical and practical knowledge was expertly elucidated, leaving participants thoroughly empowered.

### **Flyer**

**ONE DAY WORK SHOP ON**  
**CULTIVATION OF HYDROPHYTES**

**Organised by:**  
Department of Botany,  
School of applied sciences,  
CUTM, BBSR Campus

**05.10.2023**  
**11.30AM Onwards**

**OFFLINE & ONLINE MODE**

**GUEST SPEAKER:**  
**Mr Surbrat Kumar Nath**  
Manager, C & W (Aditya Birla Group)

**FACULTY COORDINATORS:**  
**Dr. Bhagyeswari Behera**  
**& Dr. Srimay Pradhan**  
Asst Prof., Department of Botany,  
School of Applied Sciences CUTM,  
Bhubaneswar

**CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT,**  
Bhubaneswar campus



## Snap of the event:



## Agenda:



Srimay Pradhan <srimay.pradhan@cutm.ac.in>

### Registration Acknowledgment

1 message

Srimay Pradhan <srimay.pradhan@cutm.ac.in>  
To: Shantanu Bhattacharya <shantanu.bhattacharya@cutm.ac.in>  
Bcc: alokkumarmishra2222@gmail.com, tanuja.tiwari9@gmail.com

Wed, Oct 4, 2023 at 6:05 PM

Dear Sir/Madam/Students,

Greetings of the Day.

Thank you for registering with us for our upcoming workshop on "**Cultivation of Hydrophytes**". We are highly delighted. We look forward to welcoming you on 5th October at our campus as well as on our online platform.

#### Workshop Agenda

12:15 pm: Inaugural Session (Hall Number-6, Aryabhatta Buiding, CUTM, BBSR - For offline participants)  
12:20-1:15 pm : Introduction to Hydrophytes Cultivation  
2:30-3:30 pm: Practical Session  
3:30-3:45 pm: Q & A Session  
3:45pm: Vote of Thanks

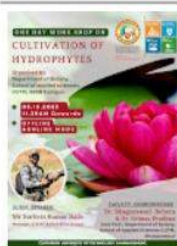
#### Meeting Link

Topic: Cultivation of Hydrophytes  
Google Meet joining info:  
<https://meet.google.com/ggg-cdph-fwm>

We are confident that this workshop will be a valuable learning experience for you, and we are excited to share our expertise with you. Thank you for your interest and support, and we look forward to seeing you at the event.

Best regards

Dr. Srimay Pradhan,  
Assistant Professor,  
Department of Botany,  
Centurion University of Technology and Management,  
Bhubaneswar. Mobile- 7073738667



One day workshop on Cultivation of Hydrophytes-CUTM.jpg  
363K

## Mail invitation:



Srimay Pradhan <srimay.pradhan@cutm.ac.in>

### Invitation for the seminar

2 messages

**Yashaswi Nayak** <yashaswi.nayak@cutm.ac.in> Mon, Oct 2, 2023 at 11:43 PM  
To: GYANRANJAN MAHALIK <gyanranjan.mahalik@cutm.ac.in>, SAGARIKA PARIDA <sagarika.parida@cutm.ac.in>, Madhusmita Barik <madhusmita.barik@cutm.ac.in>, KALPITA BHATTA <kalpita.bhatta@cutm.ac.in>, Srimay Pradhan <srimay.pradhan@cutm.ac.in>, Bhagyeeswari Behera <bhagyeeswari.behera@cutm.ac.in>, Abanikanta Bhadra <abanikanta.bhadra@cutm.ac.in>, Rukmini Mishra <rukmini.mishra@cutm.ac.in>, "Dr. Jatindra Nath Mohanty" <jatindranath.mohanty@cutm.ac.in>, Arundhati Biswal <arundhati.biswal@cutm.ac.in>, Debasis Raymohapatra <debasis.raymohapatra@cutm.ac.in>  
Cc: Dojalisa Sahu <dojalisa.sahu@cutm.ac.in>, Bikash Ranjan Sahu <bikash.sahu@cutm.ac.in>, Gagan Kumar Panigrahi <gagan.panigrahi@cutm.ac.in>, PRADIP KUMAR PRUSTY <pradipkumar.prusty@cutm.ac.in>, Siba Prasad Parida <sibaprasad.parida@cutm.ac.in>, Sunita Mishra <sunita.mishra@cutm.ac.in>

Dear Sir / Madam

Good Evening

This is to convey to you all that the Dept of Botany (School of Applied Science) is organizing a seminar on 5th October 2023 regarding **cultivation of Hydrophyte from 11.30 am onwards..**

In this regard, **Er. Subrat Kumar Nath has given his kind consent to become the Resource person.**

**I cordially invite Dr, Arundhati Madam for this Seminar.**

**Debasis Sir is requested to be a part of this Seminar.**

**Head of the Dept of Botany (Bolangir Campus ) is requested to encourage the student to participate in the Seminar**

**using the link given below.**

**Link for Online Workshop**

One day Workshop on Cultivation of Hydrophytes

Thursday, 5 Oct • 11:30 am – 12:30 pm

Google Meet joining info

Video call link: <https://meet.google.com/ggg-cdph-fwv>

Or dial: +1 530-994-2129 PIN: 693 602 703#

Please find the brochure attached for your reference

....

**With Regards,**

**Dr. Yashaswi Nayak**

Associate Professor & Dean

School of Applied Sciences

Centurion University of Technology and Management, Odisha



One day workshop on Cultivation of Hydrophytes (1).jpg  
359K

**Dr. Yashaswi  
Nayak (Dean, SoAS)**



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*



**IEEE**

**"A report of a talk on a Mathematical Approach to Remote Sensing"**

Name of the event	<b>Seminar on Mathematical Approach to Remote Sensing</b>
Date of the event	27/02/2024
Name of coordinator	Dr. Sujata Chakravarty
No. of attendees	
Mode	Offline



**Centurion University of  
Technology and Management,  
BBSR Campus**



**IEEE Student Chapter**

**A Mathematical Approach to Remote Sensing**



**Dr. PSR Srinivasa Sastry**

**Director (Retd.)**

**Directorate of Special Projects, DRDO, Hyd.**



## Contents

- Introduction
- Keynote
- Activities and Interaction
- Learning Outcomes
- Conclusion



### 1. Introduction

Remote sensing, a vital tool in modern scientific exploration and resource management, is at the intersection of technology, mathematics, and Earth observation. In a recent talk delving into this dynamic field, a mathematical approach to remote sensing emerged as a focal point, illuminating the intricate relationship between mathematical principles and the extraction of invaluable insights from remote sensing data. Remote sensing, through satellites, aircraft, or other platforms, provides a unique perspective of the Earth's surface and atmosphere, enabling scientists to monitor changes, predict trends, and make informed decisions across various domains, including environmental monitoring, agriculture, urban planning, and disaster management. However, the effective utilization of remote sensing data hinges on sophisticated

mathematical techniques tailored to handle the complexities inherent in the data acquisition process and subsequent analysis.

## **2. Key Note**

Overview of Laplace transforms and Fourier transforms analyze functions in different domains, while eigenvalues and eigenvectors represent key properties of matrices and linear transformations.

## **3. Activities and Interaction**

The design of this talk is for learning and requires activities that allow learners to actively practise doing what knowledgeable. The talk in this session was done by activities like:

- Simple presentation slides
- Exploration of statistical techniques
- Integration of mathematical models
- Questions discussion

## **4. Learning Outcomes**

The talk on "A Mathematical Approach to Remote Sensing" provided valuable insights into the intersection of mathematics and remote sensing technology. Participants gained a deeper understanding of how mathematical principles are applied to analyze and interpret remote sensing data. Here are some major learning outcomes:

### **1. Understanding of Laplace Transformation:**

Gain insight into how Laplace transformation techniques can be applied to analyze signals and images in remote sensing, enabling the extraction of valuable information from complex data sets.

## **2. Application of Fourier Transformation:**

Learn how Fourier transformation methods play a crucial role in remote sensing by decomposing signals into frequency components, facilitating the identification of patterns and features within remote sensing data.

## **3. Appreciation of Eigenvalues and Eigenvectors:**

Explore the significance of eigenvalues and eigenvectors in remote sensing, understanding their role in dimensionality reduction, feature extraction, and the interpretation of spatial and spectral characteristics in imagery analysis.

## **5. Integration of Mathematical Tools in Remote Sensing:**

Develop the ability to integrate mathematical techniques such as Laplace transformation, Fourier transformation, eigenvalues, and eigenvectors into remote sensing workflows for enhanced data interpretation, classification, and modeling purposes.

## **6. Critical Thinking and Problem-Solving Skills:**

Enhance critical thinking skills by applying mathematical concepts to real-world remote sensing problems, fostering the ability to analyze, interpret, and draw conclusions from complex spatial and spectral data sets.

The discussion emphasized the importance of mathematical modeling techniques in enhancing the accuracy and efficiency of remote sensing methods, ultimately contributing to advancements in fields such as environmental monitoring, disaster management, and urban planning.

## **Conclusion**

In conclusion, Dr. PSR Srinivasa Sastry's talk on "A Mathematical Approach to Remote Sensing" provided invaluable insights into the intersection of mathematics and technology in the field of remote sensing. His elucidation of various mathematical techniques such as Fourier transforms, Laplace transforms, and their applications in image processing and data analysis underscored the significance of mathematical rigor in extracting meaningful information from remote sensing data. By emphasizing the importance of understanding the underlying mathematical principles, Dr. Sastry has undoubtedly inspired a deeper appreciation for the role of mathematics in advancing remote sensing technologies, ultimately paving the way for more accurate and insightful observations of our planet from afar. By embracing a mathematical approach, we are equipped with powerful tools to unravel the intricacies of remote sensing data, ultimately enhancing our understanding of the Earth's dynamics and enabling informed decision-making for a sustainable future.



# B.Tech (CSE) 6<sup>th</sup> Sem

- 1) 210301120065 - Nikam Pankaj
- 2) 210301120031 - Bibek Mohanty
- 3) 210301120057 - N. Som Sekharia
- 4) Abinash Mishra - 210301120118
- 5) Suman Bindhan - 210301120234
- 6) Sunil Sahoo - 210301120205
- 7) Tarini Mohanty - 210301120235
- 8) Sujan Bindhan - 210301120233
- 9) Himansu Sahoo - 210301120212
- 10) Sai Sateegya Khuntia - 210301120007
- 11) Adarsha Suwin - 210301120026
- 12) Swetapadma Das - 210301120032
- 13) Laxmipriya Jena - 210301120176
- 14) Santosh Kumar Sahoo - 210301120006
- 15) Ritesh Behera - 210301120017
- 16) Manas Kumar Mudali - 210301120022
- 17) Arjun Kumar Behera - 210301120011
- 18) P. Gyana Deepika - 210301120250
- 19) Sakada Bhavani Sahoo - 210301120267
- 20) Selina Mishra - 210301120238
- 21) G. Varshit Hari Prasad - 210301120256
- 22) K. Paveen Kumar - 210301120149
- 23) P. Rameshwar - 210301120104
- 24) Satyam Shivam - 210301120270
- 25) Sweta Biswal - 210301120199
- 26) Swapnil Das - 210301120126
- 27) Preeti Ranjan Sarangi - 210301120123
- 28) Abhinash Pradhan - 210301120114
- 29) Soumendrea Priyadarshi - 210301120154
- 30) Arunab chakra - 210301120155
- 31) Bishwajit Das - 210301120263
- 32) Smriti R. Mohanwar - 210301120209
- 33) Hrushikesh Prasad
- 34) Gyana Ranjan Jena - 210301120169
- 35) Anshuman Kari - 210301120129
- 36) Shakti Sai Sahoo - 210301120150
- 37) Anilam Nayak - 210301120227
- 38) Kishor Mohan - 210301120134
- 39) Ayushi Priyadarshi - 210301120206
- 40) Ipsita Priyadarshi - 210301120185
- 41) Anand Mohan Mohanty - 210301120157
- 42) Keshab chandra Das - 210301120202
- 43) K. Dinesh Reddy - 210301120063
- 44) K. Sai Vasanth - 210301120066
- 45) Abantika Jena - 210301120030
- 46) Jyotirmayee Sahu - 210301120091
- 47) Shrabon K. Rout - 210301120026
- 48) Arankhya P. Shur - 210301120008
- 49) N. Tejaswini - 210301120083
- 50) Sasmika Sahoo - 210301120081
- 51) Munali Sahoo - 210301120142
- 52) Anupita Mohanty - 210301120101
- 53) Jangade Panda - 210301120230
- 54) Swarna Talukder - 210301120223
- 55) Satya Ranjan Parida - 210301120112
- 56) Subrat Panda - 210301120120
- 57) Omprasad Singh - 210301120155
- 58) Elisara Nayak - 210301120155

**“A report of Seminar on Invest in Women Accelerate Progress”**

Name of the event	<b>Invest in Women Accelerate Progress</b>
Date of the event	20/03/2024
Name of coordinator	Ankita Biswal, Adyasha Swain, Sanjeev Mishra, Biswajit
No. of attendees	47
Mode	Offline



**Contents**

- **Introduction**
- **Keynote**
- **Activities and Interaction**
- **Learning Outcomes**
- **Conclusion**



## **1. Introduction**

In an era defined by rapid technological advancement, the Information Technology (IT) sector serves as a cornerstone of innovation and growth, shaping industries and societies worldwide. However, amidst the fast-paced evolution of technology, there persists a significant gender disparity within the IT workforce, hindering the sector's potential for inclusive excellence. The underrepresentation of women in the IT industry is not just a matter of equity; it is a missed opportunity for harnessing diverse perspectives, fostering innovation, and driving sustainable progress. Recognizing the transformative power of gender diversity and investing in initiatives that empower women in the IT sector is imperative, unlocking their full potential and accelerating collective advancement. Through strategic investments in mentorship programs, professional development opportunities, and supportive workplace policies, organizations can cultivate an environment where women thrive and contribute meaningfully to the IT landscape. Moreover, fostering collaboration between industry stakeholders, policymakers, and advocacy groups can amplify efforts to dismantle systemic barriers and promote gender equality in the IT sector.

## **2. Key Note**

Context and Expectation setting, Gender and Roles Associated With It, Career options in IT/Computer Science, Ever Evolving and Changing World of Computer Technology, Activity-

Based Session, Leadership Talk-Interaction with senior LITM Leaders, Feedback Sharing and Thank You Note

### **3. Activities and Interaction**

The purpose of the "Invest in Women, Accelerate Progress" initiative is to create a more inclusive, equitable, and innovative IT sector where women are empowered to reach their full potential and contribute meaningfully to the advancement of technology and society. The Seminar in this session was done by activities like:

- Simple presentation slides
- Brainstorming and mapping by asking questions
- Fun Activities
- Feedback for future Seminar Organization

### **4. Learning Outcomes**

The learning outcomes of studying the C programming language are comprehensive and impactful, encompassing various aspects of programming and system-level understanding. Here are the key learning outcomes:

#### **1. Setting Idea behind the Initiation:**

Provided an overview of the current landscape of gender diversity in the IT sector. Discussed the importance of investing in women for accelerating progress and fostering innovation. Encouraged participants to share their expectations for the session.

#### **2. Career Options in IT/Computer Science**

Presented an overview of diverse career paths available in IT/Computer Science, including technical and non-technical roles. Highlighted opportunities for women in emerging fields such as artificial intelligence, cybersecurity, and data science. Conducted a specific session on Big Data. Discussed the rapid pace of technological innovation and its implications for career development and skill acquisition. Explored strategies for staying updated with the latest trends and technologies in the IT sector. Encouraged participants to embrace a growth mindset and adapt to changes in the industry.

#### **3. Leadership Talk-Interaction with Senior LITM Leaders (30 minutes)**

Senior leaders from LITM shared their experiences and insights on leadership in the IT industry. Facilitated a Q&A session where participants asked questions and engaged in dialogue with the Senior Leader. Senior leaders discussed initiatives and best practices for promoting gender diversity and inclusion within their organizations.



## Conclusion

The session aims to provide participants with valuable insights into the role of gender diversity in the IT industry, explore career opportunities, and empower women to pursue leadership roles in technology. Through interactive discussions, activities, and interaction with senior leaders, participants will gain a deeper understanding of the importance of investing in women for accelerating progress and driving innovation in the ever-evolving world of computer technology.





**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*




**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**


**“A report of a talk on Artificial Intelligence and Data Science”**

Name of the event	<b>Seminar on Artificial Intelligence and Data Science</b>
Date of the event	24/11/2023
Name of coordinator	Dr. Sujata Chakravarty
No. of attendees	
Mode	Offline




**SEMINAR ON ARTIFICIAL  
INTELLIGENCE AND DATA  
SCIENCE**

AN EXPERT SESSION ON AI/DS



4 QUALITY COLLEGE  
9 QUALITY EDUCATION



**PROF. (DR.) T. V. VIJAY  
KUMAR**

DEAN SCHOOL OF  
COMPUTER AND  
SYSTEMS SCIENCES,  
JNU

**ORGANIZED BY:**  
DEPARTMENT OF CSE,  
DEPARTMENT OF MCA &  
BCA,  
CENTRE FOR DATA SCIENCE  
AND MACHINE LEARNING  
CUTM, BHUBANESWAR  
+91-7008789363

**VENUE:**  
HALL-6, ARYABHATTA  
BUILDING, CUTM,  
JATNI

**DATE:**  
24TH NOVEMBER, 2023  
**TIME:**  
2.00 P.M. ONWARDS

Centurion University of Technology and Management  
Campuses: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

## **Contents**

- **Introduction**
- **Keynote**
- **Activities and Interaction**
- **Learning Outcomes**
- **Conclusion**



### **1. Introduction**

In the rapidly evolving landscape of technology, Artificial Intelligence (AI) and Data Science have emerged as transformative forces, reshaping industries, economies, and societies at an unprecedented pace. Complementing the capabilities of AI, Data Science plays a pivotal role in extracting meaningful insights from vast and diverse datasets. By leveraging statistical methods, advanced analytics, and machine learning algorithms, Data Science empowers organizations to uncover hidden patterns, trends, and correlations within the deluge of information. However, the proliferation of AI and Data Science also raises ethical considerations and challenges, such as bias in algorithms, data privacy concerns, and the need for transparent decision-making processes. This program is designed to empower educators and students with the tools and insights needed to effectively incorporate AI and Data Science

concepts into their curriculum, fostering a generation of students who are not only digitally literate but also adept at harnessing the power of data for innovative problem-solving.

## **2. Key Note**

Overview of AI and Data Science, Historical Context of AI, Importance of AI and Data Science, Real-world Applications, Challenges and Opportunities, Key Technologies in AI and Data Science, The Future Landscape.

## **3. Activities and Interaction**

The design of this talk is for learning and requires activities that allow learners to actively practise doing what knowledgeable. The talk in this session was done by activities like:

- Simple presentation slides
- Brainstorming and mapping by asking questions
- Studying cases
- Questions discussion

## **4. Learning Outcomes**

The learning outcomes of Artificial Intelligence (AI) and Data Science are interdisciplinary fields that involve the use of algorithms, statistical models, and computational techniques to extract meaningful insights and knowledge from data. Here are some key learning outcomes for both AI and Data Science:

### **1. Understanding AI Fundamentals:**

Define and explain the core concepts of AI, including machine learning, natural language processing, and computer vision.

### **2. Machine Learning Concepts:**

Comprehend supervised and unsupervised learning techniques.

Understand regression, classification, clustering, and reinforcement learning.

### **3. Algorithm Implementation:**

Implement popular machine learning algorithms such as linear regression, decision trees, and neural networks.

### **4. Data Preprocessing:**



Clean and preprocess data to make it suitable for machine learning models. Handle missing data, outliers, and perform feature scaling.

**5. Deep Learning:**

Understand the basics of deep learning architectures such as neural networks and convolutional neural networks (CNNs).

**6. Natural Language Processing (NLP):**

Explore NLP techniques for text analysis, sentiment analysis, and language translation.

**7. Computer Vision:**

Gain knowledge of computer vision algorithms for image recognition, object detection, and image segmentation.

**8. Ethical and Responsible AI:**

Discuss ethical considerations in AI, including bias, fairness, and the responsible use of AI technologies.

**9. AI Applications:**

Explore real-world applications of AI in various domains, such as healthcare, finance, and autonomous systems.

**10. Statistical Analysis:**

Apply statistical methods to analyze and interpret data. Understand probability distributions and hypothesis testing.

**11. Feature Engineering:**

Create new features from existing ones to improve model performance.

**12. Big Data Technologies:**

Work with big data technologies such as Apache Hadoop and Spark.

**13. Collaboration and Communication:**

Collaborate with cross-functional teams and effectively communicate findings to non-technical stakeholders.

Both AI and Data Science involve continuous learning and staying updated with the latest advancements in technology and methodologies. Practical experience through projects and real-world applications is crucial for mastering these fields.

## **Conclusion**

Hence, I can conclude with the note that we have understood from the talk by prof (Dr.) T.V. Bijay Kumar, that intersection of Artificial Intelligence (AI) and Data Science represents a transformative force with profound implications across various industries and domains. The synergies between these two fields have given rise to unprecedented opportunities and challenges, reshaping the way we analyze, interpret, and derive insights from vast datasets. AI, with its ability to simulate human intelligence, has become a cornerstone in enhancing the capabilities of data science. Together, AI and Data Science have catalyzed innovations in various domains, including healthcare, finance, education, and beyond. In conclusion, the convergence of Artificial Intelligence and Data Science represents a powerful force for positive change, driving innovation, efficiency, and insights across diverse sectors.



# Student Attendance

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT			
NAME OF THE EVENT:		DATE:	SIGNATURE
SL. NO.	REGD. NO.	NAME OF THE STUDENT	
1	230720100234	Abinash Mohanty	Abinash
2	230720100279	Biswarranjan Bhuyan	Biswarranjan
3	230720100234	Debabrata Mohanty	D. Mohanty
4	230720100237	Subhansu Sekhar Barik	Subhansu Sekhar Barik
5	230720100227	Girish Dash	Girish Dash
6	230720100229	Amishi Shree Chandra Dash	Amishi Shree Chandra Dash
7	230720100181	Prangya Pratap Sahoo	P. Pratap
8	230720100238	Arumista Panda	Arumista Panda
9	230720100282	Ilu Vaishakhi Mohapatra	Ilu V. Mohapatra
10	230720100255	Sharmila Pradhan	Sh
11	230720100248	Kajal Prusty	KJ
12	230720100258	Arpita Sahu	Arpita Sahu
13	230720100265	Suchismita Sahoo	Suchismita Sahoo
14	230720100264	Deepika Rani Behera	Deepika Rani Behera
15	230720100272	Anisha Sahoo	A. Sahoo
16	230720100283	Priyanka Sahoo	Priyanka
17	249	Hitesh K. Sahoo	H
18	230720100247	Ramakrishna Panda	Ramakrishna
19	230720100262	Jayadish Pradhan	Jayadish
20	230720100256	Akhil Mahapatra	Akhil
21	230720100268	Subhan Kar Roy	Subhan
22	230720100241	Sai Chandan Sahoo	Sai Chandan Sahoo
23	230720100261	Abinash Senapati	Abinash Senapati
24	230720100270	Archana Panda	Archana Panda
25	230720100277	Ankit Kumar	Ankit Kumar
26	230720100278	Jitendra Biswal	Jitendra Biswal
27	230720100257	Tejas Jyoti Pradhan	Tejas Jyoti Pradhan
28	230720100260	Smita Kshya Pradhan	Smita Kshya Pradhan
29	230720100273	Debadip Singh Samanta	Debadip Singh
30	230720100252	Himanshu Sethy	Himanshu
31	230720100246	Ashish K. Senapati	Ashish
32	230720100265	Biswamita Panigrahi	Biswamita
33	230720100242	Rajesh Panda	Rajesh
34	230720100243	Manish Kumar Choudhary	Manish
35	230720100236	Boomya Rangan Mohanta	Boomya
36	230720100280	Biswajit Maharana	Biswajit
37	230720100261	Mukesh Barua	Mukesh Barua
38	230720100253	Deepak Gouda	Deepak



39	230720100775	Saumya Suravilla Surin	Da
40	230720100143	Dibyalochan Dash	Dibyalochan Dash
41	230720100180	Happy Patra	H. Patra
42	230720100166	Subhanshu Sekhan Swain	S.S. Swain
43	230720100172	Soumya Subhadarshan Swain	S.S. Swain
44	230720100165	Satyajit Samantaray	Sobhanbujy
45	230720100170	Biswodit Prusty	Biswodit
46	230720100159	Jayyan Prakash Sahoo	J.P. Sahoo
47	230720100125	Pratap Chandra Kulali	Jekulali
48	230720100144	Soumya Ranjan Parida	S. Parida
49	230720100141	Sambhushan Behera	S. Behera
50	230720100145	Tagorish Mohapatra	T. Patra
51	230720100146	Aashu Rout	A. Rout
52	230720100140	Swati Smaranika Choudhary	S. S. Choudhary
53	230720100176	Sudhree Aparajita Jena	S. A. Jena
54	230720100128	Bidyabhan Behera	B. Behera
55	230720100134	Sudhakar Nayak	S. Nayak
56	230720100131	Pulak Purohit	P. Purohit
57	230720100135	Imanish Ranjan Mallick	P. R. Mallick
58	230720100175	Alina Moharana	A. Moharana
59	230720100133	Manisha Baliarsingh	M. Baliarsingh
60	230720100127	Madhusmita Rout	M. Rout
61	230720100139	Pujitranee Patra	P. Patra
62	230720100137	Lipca Rani Nayak	L. Nayak
63	230720100156	Rajeshree Sahoo	R. Sahoo
64	230720100162	Sevagatika Subham	S. Subham
65	230720100136	Gabatri Samal	G. Samal
66	230720100150	Banani Pradyumna	B. Pradyumna
67	230720100070	Priki Pradyumna Pradhan	P. Pradhan
68	230720100108	Bimodini Dal	B. Dal
69	230720100094	Pallabi Karo	P. Karo
70	230720100090	Pragna Priyadarshini Parida	P. Parida
71	230720100066	Tishree Bhowmik	T. Bhowmik
72	230720100092	Madhusmita Samal	M. Samal
73	230720100087	Susmita Sahoo	S. Sahoo
74	230720100072	Sankalp Kumar Sahoo	S. Sahoo
75	230720100061	Meghaduta Rout	M. Rout
76	230720100110	Ashik Rout	A. Rout
77	230720100074	Suman Baijagata	S. Baijagata
78	230720100068	Rohan Kumar	R. Kumar
79	230720100079	Gunas Kumar Sahoo	G. Sahoo



80	230720100088	Debaraj Belhera	A. Belhera
81	230720100089	Ashish Kumar Panda	A. K. Panda
82	230720100083	Akash Mohanty	Akash Mohanty
83	230720100076	Culhan Kumar Sahoo	Culhan Kumar Sahoo
84	230720100095	Satyajit Patra	Satyajit Patra
85	230720100116	Sanjeeb Chandra Sheshan Pradhan	Sanjeeb Chandra Sheshan Pradhan
86	230720100078	A. Suman Datta	A. Suman Datta
87	230720100093	Subhansu Mohan Das	Subhansu Mohan Das
88	230720100077	Aditya Mohanty	Aditya Mohanty
89	230720100119	Bino Kumar Dash	Bino Kumar Dash
90	230720100107	Rajesh Biswal	Rajesh Biswal
91	230720100106	Abhishek Mohapatra	Abhishek Mohapatra
92	230720100109	Gyanendra Nath Dash	Gyanendra Nath Dash
93	230720100081	Subhasis Panda	Subhasis Panda
94	230720100073	Biswajit Panigrahy	Biswajit Panigrahy
95	230720100102	Sahil Parida	Sahil Parida
96	230720100096	Sagar Kumar Sahoo	Sagar Kumar Sahoo
97	230720100086	Tejash Tyagi Bhuyan	Tejash Tyagi Bhuyan
98	230720100101	Sabyasachi Rath	Sabyasachi Rath
99	230720100113	Biswajit Subin	Biswajit Subin
100	230720100071	Prakash Kan	Prakash Kan
101	230720100091	Anurag Anjan Bhoi	Anurag Anjan Bhoi
102	230720100063	Kiran Majhi	Kiran Majhi
103	230720100067	Bikash Kumar Tanti	Bikash Kumar Tanti
104	230720100103	Aditya Khuntia	Aditya Khuntia
105	230720100100	Ketan Kumar Hake	Ketan Kumar Hake
106	230720100075	Chandrasekhar Pradhan	Chandrasekhar Pradhan
107	230720100114	Abhishek Samantary	Abhishek Samantary
108	230720100069	Deepak Mahakud	Deepak Mahakud
109	230720100226	Anshuman Pradhan	Anshuman Pradhan
110			



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*



**IEEE**

**“Expert Talk on " IOT, Spring Boot, React and Web Development””**

Name of the event	<b>Expert Talk on " IOT, Spring Boot, React and Web Development"</b>
Date of the event	15/03/2024
Name of coordinator	Prof. Raj Kumar Mohanta
No. of attendees	67
Mode	Offline



Centurion  
UNIVERSITY  
*Shaping Lives...  
Empowering Communities...*



4 QUALITY  
EDUCATION



9 INDUSTRY INNOVATION  
AND RESEARCH



**IEEE**  
*Advancing Technology  
for Humanity*

# EXPERT TALK

ON

## IOT, SPRING BOOT, REACT, AND WEB DEVELOPMENT

**VENUE**

ARYABHATTA BUILDING  
HALL NO:06  
(AUDITORIUM)

**DATE & TIME**

15TH MARCH, 2024  
10:00 AM

**ORGANIZED BY**

DEPARTMENT OF CSE  
DEPARTMENT OF MCA & BCA  
IN ASSOCIATION WITH IEEE  
STUDENT CHAPTER



**Mr. Rashmi Kanta Das**  
Founder, Java Technocrat

Centurion University of Technology and Management  
Campuses: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

## **Contents**

- **Introduction**
- **Keynote**
- **Activities and Interaction**
- **Learning Outcomes**
- **Conclusion**



### **1. Introduction**

In the rapidly evolving landscape of technology, the convergence of Internet of Things (IoT), Spring Boot, React, and Web Development stands at the forefront of innovation and digital transformation. These cutting-edge technologies are revolutionizing industries, enhancing user experiences, and driving unprecedented levels of connectivity and efficiency.

In an effort to delve deeper into the intricacies and potential of this amalgamation of technologies, an expert talk was organized, bringing together seasoned professionals, enthusiasts, and curious minds alike. The event aimed to explore the synergies between IoT, Spring Boot, React, and Web Development, shedding light on their individual capabilities and collective power to reshape the digital realm.



## 2. Key Note

In today's dynamic tech landscape, the convergence of IoT, Spring Boot, React, and Web Development opens unprecedented opportunities for innovation and seamless user experiences.

## 3. Activities and Interaction

Experts discussed the integration of IoT, Spring Boot, React, and web development, emphasizing their practical applications and synergies.

- Introduced IoT concepts and their relevance to modern development.
- Explored the features and benefits of Spring Boot for backend development.
- Discussed React's role in building interactive and responsive user interfaces.
- Demonstrated the integration of IoT data with web applications using Spring Boot and React.
- Encouraged collaborative discussions and hands-on activities for practical learning.





## **4. Learning Outcomes**

The learning outcomes from the Expert Talk on "IOT, Spring Boot, React, and Web Development" include gaining insights into the integration of Internet of Things (IoT) technologies with web development using frameworks like Spring Boot and React, understanding the practical applications and challenges associated with developing IoT-enabled web applications, and acquiring knowledge about modern tools and techniques for building responsive and scalable web solutions.:

### **1. Understanding IoT Fundamentals:**

- Gain a comprehensive understanding of the Internet of Things (IoT) ecosystem, including its components, protocols, and applications.
- Learn about the integration of IoT devices with various platforms and technologies.

### **2. Proficiency in Spring Boot:**

- Acquire hands-on experience with Spring Boot framework, mastering its features for rapid development of Java-based web applications.
- Learn how to create RESTful APIs and microservices using Spring Boot, enhancing scalability and performance in web development projects.

### **3. Mastery of React Framework:**

- Develop proficiency in React.js library for building dynamic and interactive user interfaces.
- Learn to leverage React for efficient front-end development and seamless integration with back-end technologies.

### **4. Web Development Best Practices:**

- Explore industry best practices and standards in web development, including responsive design, accessibility, and performance optimization.
- Gain insights into modern web development workflows and tools, such as version control systems, package managers, and build tools.

### **5. Integration and Collaboration:**

- Learn techniques for integrating IoT, Spring Boot, and React technologies into cohesive web solutions.
- Understand the importance of collaboration and teamwork in multidisciplinary projects, fostering effective communication and synergy among team members.

### **6. Problem Solving and Innovation:**

- Develop problem-solving skills through practical exercises and real-world projects, addressing challenges in IoT, Spring Boot, and React development.
- Cultivate a mindset for innovation and creativity, exploring novel approaches and solutions to enhance functionality and user experience in web applications.

## **5. Conclusion**

In conclusion, Mr. Rashmi Kanta Das's expert talk on "IoT, Spring Boot, React, and Web Development" offered invaluable insights into the ever-evolving landscape of technology. His profound knowledge as the Founder of Java Technocrat illuminated the synergies between IoT, Spring Boot, React, and web development, showcasing their pivotal roles in shaping the future of digital innovation. Attendees were inspired by his visionary outlook and practical wisdom, underscoring the significance of continuous learning and adaptation in the dynamic realm of tech. As we forge ahead, Mr. Das's expertise serves as a guiding beacon for navigating the complexities of modern software development, propelling us towards greater heights of creativity and excellence.





# CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

## EXPERT TALK

ON

"IOT, SPRING BOOT, REACT AND WEB DEVELOPMENT"

Organized by Department of CSE, Department of MCA & BCA

In collaboration with IEEE Student chapter, Bhubaneswar

Date: 15-03-2024

SL. NO.	REGD. NO.	NAME OF THE STUDENT	SEMESTER	SECTION	BRANCH	SIGNATURE
1	220301120398	Amarendra Dalai	4th sem	G	B-Tech (CSE)	
2	220301120388	Asifuddin Khan	4th	G	B-Tech CSE	Asifuddin Khan
3	220301120452	Rahul Biswal	4th	G	B-Tech	Rahul Biswal
4	220301120020	Smriti Kumbhakar Mishra	4th	A	B-Tech CSE	Smriti
5	220301120026	Asit Kumar Dutta	4th	A	B-Tech CSE	AKD
6	220301120039	Sudip Bisui	4th	A	B-Tech CSE	Sudip
7	220301120031	Dnyaneshwar Ghosh	4th	A	B-Tech CSE	Dnyaneshwar
8	220301120405	Seubhagini Dasik	4th	G	B-Tech CSE	S. Dasik
9	220301120412	B. M. Bhattacharya	4th	G	B-Tech CSE	B. M. Bhattacharya
10	220301120037	Satwik Mishra	4th	A	B-Tech CSE	Su
11	220301120016	Kamran Partho	4th	A	B-Tech CSE	SP
12	220301120004	Aryan Samal	4th	A	B-Tech CSE	Aryan
13	220301120006	Satyajit Parida	4th	A	B-Tech CSE	Satyajit
14	220301120044	Satishkanti Mohanty	4th	A	B-Tech CSE	Satishkanti Mohanty
15	220301120060	Arpita Priyadarshini	4th	A	B-Tech CSE	Arpita
16	220301120028	Gouranga Gh. Sahoo	4th	A	B-Tech CSE	G. Sahoo
17	230720100090	Pragna Priyadarshini	2nd	B	MCA	P. Parida
18	230720100066	Tejshree Ojha	2nd	B	MCA	T. Ojha
19	230720100094	Parvati Koush	2nd	B	MCA	Parvati
20	230720100065	Samita Majhi	2nd	B	MCA	Samita
21	230720100099	Prateeksha Patel	2nd	B	MCA	Prateeksha
22	220301120057	Geetika Jena	4th	A	B-Tech	Geetika
23	220301120093	Shreyas Gupta	4th	A	B-Tech	Shreyas
24	220301120045	Shubrajit Mohanty	4th	A	B-Tech	Shubrajit Mohanty



CENTURION UNIVERSITY OF TECHNOLOGY  
AND MANAGEMENT

EXPERT TALK

ON

"IOT, SPRING BOOT, REACT AND WEB DEVELOPMENT"

Organized by Department of CSE, Department of MCA & BCA

In collaboration with IEEE Student chapter, Bhubaneswar

Date: 15-03-2024

SL. NO.	REGD. NO.	NAME OF THE STUDENT	SEMESTER	SECTION	BRANCH	SIGNATURE
47	220301120059	Nadhusmita Dash	4th	A	CSE	Nadhus
48	220301120030	Avipa Phadkan	4th	A	CSE	Avipa
49	220301120005	Baretha Mahapatra	4th	A	CSE	Baretha
50	220301120007	Salva Subham	4th	A	CSE	Salva
51	220301120022	Tushar Rangan	4th	A	CSE	Tushar
52	220301120011	Sandip Sahoo	4th	A	CSE	Sandip
53	220301120047	Smritika Mahapatra	4th	A	CSE	Smritika
54	220301120046	Samahita Lian	4th	A	CSE	Samahita
55	220301120049	Bhavana Bera	4th	A	CSE	Bhavana
56	220301120035	Subhanshu Sen	4th	A	CSE	Subhanshu
57	220301120034	Saurabh Kumar	4th	A	CSE	Saurabh
58	220301120024	Adarsha Kumar	4th	A	CSE	Adarsha
59	220301120041	Srisudha Sahu	4th	A	CSE	Srisudha
60	220301120053	Soumen Sahu	4th	A	CSE	Soumen
61	220301120013	Shruti Ranjan Acharya	4th	A	CSE	Shruti
62	220301120021	Udit Ranjan Kan	4th	A	CSE	Udit
63	220714100061	Abhishek Sahoo	4th	B	BCA	Abhishek
64	220714100083	Swayam Sampurna Kanungo	4th	B	BCA	Swayam
65	220714100064	Subhrajit Paul	4th	B	BCA	Subhrajit
66	220714100056	Souia Bhanu	4th	B	BCA	Souia
67	220301120019	Bhruvendra Kumar	4th	A	CSE	Bhruvendra
68	220301120023	Chitra Ranbisingh	4th	A	CSE	Chitra
69	220301120008	Smriti Ranjan Dash	4th	A	CSE	Smriti
70	220301120004	Aakash Kumar Pradhan	4th	A	CSE	Aakash





# CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

## EXPERT TALK

ON

"IOT, SPRING BOOT, REACT AND WEB DEVELOPMENT"

Organized by Department of CSE, Department of MCA & BCA

In collaboration with IEEE Student chapter, Bhubaneswar

Date: 15-03-2024

3-2024

NATURE

SL NO.	REGD. NO.	NAME OF THE STUDENT	SEMESTER	SECTION	BRANCH	SIGNATURE
23	230720100104	Sasmita Dash	2nd	B	MCA	S. Dash
24	230720100115	Mousumi Parida	2nd	B	MCA	M. Parida
25	230720100055	Rima Ripsita Padhi	2nd	B	MCA	Rima Ripsita Padhi
26	230720100108	Rinadine Das	2nd	B	MCA	R. Das
27	230720100070	Pratibha Pradhan	2nd	B	MCA	P. Pradhan
28	220301120035	Jagannath Dash	4th	A	B.Tech	J. Dash
29	220301120003	Preeti Ranjan Pradhan	4th	A	B.Tech	P. Pradhan
30	220301120010	K. Hemant Kumar	4th	A	B.Tech	H. Kumar
31	230720100082	Shashikree Priyadarshini	2nd	B	MCA	S. Priyadarshini
32	230720100082	Sasmita Sahoo	2nd	B	MCA	S. Sahoo
33	230720100092	Madhusmita Samal	2nd	B	MCA	M. Samal
34	220301120052	Abhijit Dash	2nd	A	B.Tech	A. Dash
35	220714100012	Ankit Srivastava	4th	A	BCA	A. Srivastava
36	220714100029	Smruti Ranjan Dash	4th	A	BCA	S. Dash
37	220714100038	Soumit Saha	4th	A	BCA	S. Saha
38	220714100039	Chikur Samantary	4th	A	BCA	C. Samantary
39	220714100034	Soumit Saha	4th	A	BCA	S. Saha
40	220301120018	Swasti Swast	4th	A	B.Tech	S. Swast
41	220301120036	Om Prakash Sahoo	4th	A	B.Tech	O. Sahoo
42	220301120033	Aswin Kumar	4th	A	B.Tech	A. Kumar
43	220301120034	Smruti Ranjan	4th	A	B.Tech	S. Ranjan
44	220301120040	Ayush Ashutosh	4th	A	B.Tech	A. Ashutosh
45	220301120027	Abhijeet Das	4th	A	B.Tech	A. Das
46	220301120042	Ankita Mohanty	4th	A	B.Tech	A. Mohanty



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*



**IEEE**

## Distinguished Lecture on “Move with purpose”

Name of the event	Distinguished Lecture on “Move with purpose”
Date of the event	11/05/2024
Name of coordinator	Dr. Sujata Chakravarty
No. of attendees	51
Mode	Online



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)  
Deemed to be University U/S 3 of UGC Act, 1956



**Centurion**  
**UNIVERSITY**  
*Shaping Lives...*  
*Empowering Communities...*



**Mary Ellen Randall**

President at Ascot Technologies, Inc., USA, IEEE Fellow  
IEEE DL, IEEE Technology Engineering Management  
Society Distinguished Lecturer

## Distinguished Lecture on Move with purpose

**Date: 11<sup>th</sup> May 2024 (Saturday)**  
**Time: 7 PM (IST)**

**Google Meet Link:**

<https://meet.google.com/juz-cgum-rmg>

**Contact:**

**Dr. Sujata Chakravarty**, Chair WIE Affinity  
Group

**Dr. Ranjeeta Patel**, Chair, IEEE IAS  
Bhubaneswar/Kolkata Joint Chapter

**WIE Affinity Group  
&  
IEEE IAS Bhubaneswar/Kolkata Joint Chapter**

## Contents

- Introduction
- Keynote
- Activities and Interaction
- Learning Outcomes
- Conclusion



## **1. Introduction**

The IEEE Move community fosters research collaborations among professionals, academics, and industry experts, leading to advancements in mobile virtual environments. This includes developments in hardware, software, interaction techniques, and applications. Overall, the International MOVE Community Outreach strives to promote knowledge exchange, collaboration, and innovation in mobility engineering worldwide, with the ultimate aim of driving positive societal impact and advancing the state of the art in the field. In addition, this program enriches society in various aspects including disaster management, emergency medical support, and emergency relief programs assisting victims of natural disasters with short-term communications and power solutions.

## **2. Key Note**

Encouraging active participation and involvement from a broad spectrum of stakeholders, including industry professionals, academics, policymakers, and students, to foster a vibrant and inclusive global community focused on advancing mobility solutions.

## **3. Activities and Interaction**

- MOVE Community Outreach
- Emergency Relief Program assisting victims of natural disasters with short-term communications and power solutions.
- STEM Outreach
- Public Visibility
- IEEE Member Engagement  
Over 1500 MOVE volunteers worldwide
- Run by Volunteers
- Funded by Donations





Fig.1 MOVE Trucks

#### 4. Learning Outcomes

IEEE MOVE Community is a platform developed by the Institute of Electrical and Electronics Engineers (IEEE) to promote collaborative learning and skill development within the engineering community. The learning outcomes of the IEEE MOVE Community typically focus on several key areas:

**Technical Proficiency:** Participants in the IEEE MOVE Community aim to enhance their technical skills and knowledge in various domains of engineering, such as electrical, electronics, computer science, and related fields.

**Problem-Solving Skills:** The community fosters the development of problem-solving abilities among its members. Through collaborative projects and discussions, participants learn to approach and solve complex engineering problems effectively.

**Collaboration and Teamwork:** IEEE MOVE encourages teamwork and collaboration among engineers from diverse backgrounds and specialties. Participants learn to work together, leveraging each other's strengths to achieve common goals.

**Communication Skills:** Effective communication is essential in engineering projects. The IEEE MOVE Community helps members improve their communication skills, both written and verbal, to convey technical concepts clearly and concisely.

**Leadership and Management Skills:** Through involvement in projects and initiatives within the community, members have the opportunity to develop leadership and project management skills, essential for guiding teams and executing projects successfully.

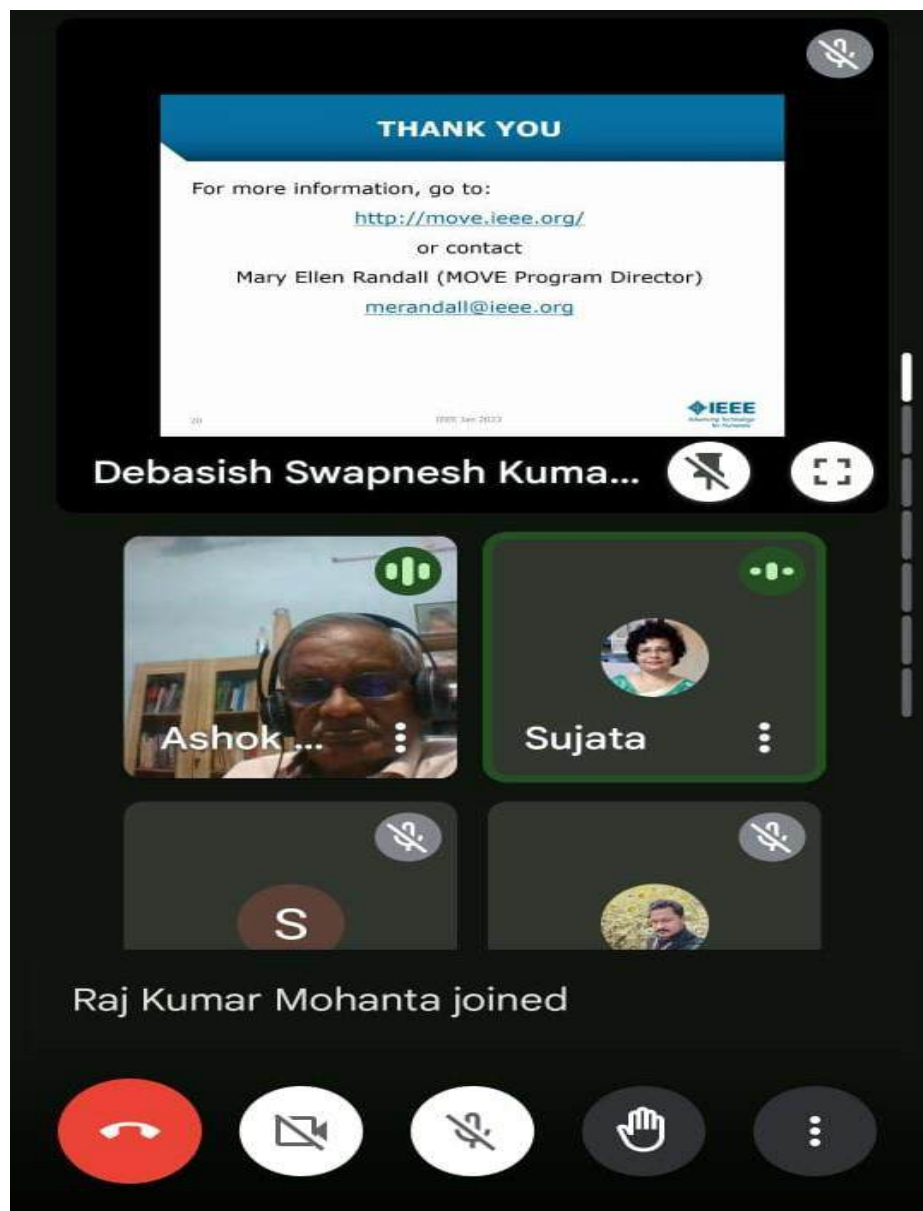
### MOVE with Purpose – Leadership Skills



NEVER GIVE UP on your dream!

## 5. Conclusion

In conclusion, Prof. Mary Ellen Randall on "Move with Purpose" offered invaluable insights into the ever-evolving landscape of technology. Her profound experience as the MOVE Program Director illuminated the various aspects including disaster management, emergency medical support, and emergency relief programs assisting victims of natural disasters with short-term communications and power solutions.



1. A seminar on "Hands-on Programming Session with C" has been organized by SoET BBSR Campus for MCA first-year Students from 10 am to 1 pm. The resource person was Mr. Susant Kumar Rout, Chairman, Lakshya Institute of Technology (LIT) Bhubaneswar. CSE HoD Mr. Rajkumar Mohanta, MCA HoD Mr. Rakesh Kumar Ray, and the Senior faculty Mr. Suvendu Kumar Nayak, Mr. Saroj Kumar Sahoo, and Mr. Rasmi Ranjan Swain for their support and cooperation.

**CONCEPTS OF C-PROGRAMMING**  
BY MR. SUSANT K. ROUT  
short profile of Shri Susank Kumar Rout

- Educate 2,00,000 + students
- Director of Lakshya coaching (2006)
- Started LIT (2011)
- Authored 7+ books

**CONVENOR**  
Dr Sujata Chakrabarty

**COORDINATORS**  
Rajkumar Mohanta  
Rakesh Kumar Ray

**MR. SUSANT K. ROUT**  
CHAIRMAN, LAKSHYA INSTITUTE OF TECHNOLOGY (LIT)

**DATE**  
11, OCT., 2023  
17, OCT., 2023  
18, OCT., 2023

**LOCATION**  
HALL-6, ARYABHATTA BUILDING  
BHUBANESWAR,  
CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

+919861093732 @ LIT.SUSANTKROUT@GMAIL.COM







**One-day Workshop on**

## **Unleashing the MATLAB Journey: Applications in different domains**

**Date- 8<sup>th</sup> May 2024**

***Resource person - Dr. Abinash Rath, Assistant Professor, CUTM, Paralakhemundi***

Organised by the Centre of Excellence for MATLAB Technologies, in collaboration with the  
Department of Electrical & Electronics Engineering

On 8th May 2024, the *Centre of Excellence for MATLAB Technologies*, in collaboration with the Department of Electrical & Electronics Engineering and the Centre for Smart Infrastructure, hosted an informative workshop in ECE Lab 2. The event featured Dr. Abinash Rath, an assistant professor from CUTM, Paralakhemundi, as the resource person. Dr. Rath shared his expertise on various essential topics, starting with fundamental programming and extending to advanced data visualization techniques such as 2D and 3D plots, as well as bar plots.

A significant highlight of the workshop was the session on training Artificial Neural Networks (ANN) and Machine Learning (ML) models. Dr. Rath also introduced Simulink, a powerful tool for modeling, simulating, and analyzing dynamic systems, which captivated the participants. The comprehensive coverage included practical applications in robotics, controller tuning, and interfacing, showcasing MATLAB's versatility in solving complex engineering problems.

The workshop was a resounding success, providing students with valuable skills and insights into MATLAB technologies, bridging the gap between theoretical knowledge and practical applications.



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

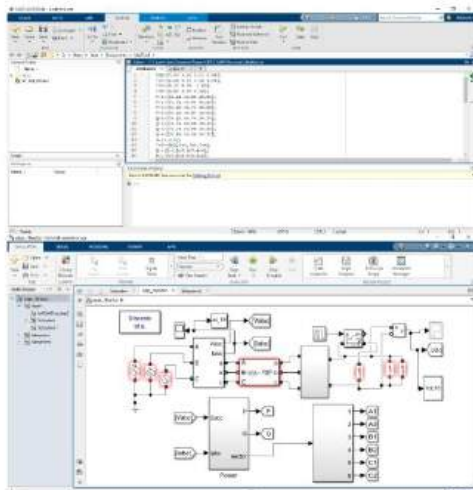
# Centre of Excellence for MATLAB Technologies



**IEEE**

## *One day Workshop on* **Unleashing the MATLAB Journey: Applications in different domains**

**8<sup>th</sup> May 2024**



### **Contents:**

- Fundamental programming
- 2-Plots, 3-plots, Bar plot etc.
- Training ANN and ML
- Introduction to Simulink
- Robotics
- Controller tuning
- Interfacing

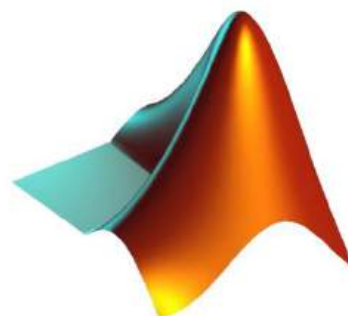
*Organized by **Centre of Excellence for MATLAB Technologies** in association with Department of Electrical & Electronics Engineering & Centre for Smart Infrastructure.*

*Venue : ECE Lab 2*

### **Faculty Coordinator :**

Dr. Abinash Rath

**Time: 10:00 am**



### **Student Coordinator :**

Ravi Ranjan Kumar  
Himashu Pal  
Mohit Raj  
Md. Jishan

**Centurion University of Technology and Management, Odisha**

CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

## Event Photographs





## Signature of the Participants

Date 8/5/2024

Workshop on  
36 Unleashing the MATLAB Journey!  
Applications in different Domains

Time - 10:00 am

Sl. No.	Regd. No.	Signature
01	220101150013	Chhotu Kumar
02	220101150029	Ranjam. K. Yadav
03	220101150030	Sagar Kumar
04	220101150031	Banti Kumar
05	220101150007	Ankit Kumar
06	220101150014	Nitraj Kumar
07	220101150015	Sudhanshu Kumar
08	220101151038	S. Toja
09	220101150008	Kanhaiya Kumar
10	220101150020	AJAT RAT
11	220101150005	Rupesh Kumar
12	220101150032	Bilal Ali
13	220101150033	Rupesh Kumar
14	220101150036	Amit Kumar
15	220101150001	Ravi Ranjan Kumar
16	220101150022	Md. Tishay
17	220101150002	Mohit Rao
18	220101150019	Himanshu Kumar Pal
19	220101150003	Sanjay Kumar
20	220101150011	Shubham Raj
21	220101150004	Haryana
22	220101150009	Unish
23	220101150028	Payal
24	220101150024	Swati
25	220101150010	Arshad
26	220101150035	Arshad
27	220101150027	Rashid
28	220101150039	Mehar





## **Centurion University of Technology & Management Paralakhemundi Campus, Odisha**

### **Industry Expertise Webinar on WIND ENERGY SYSTEMS**

Resource Person: Er. Kishore Kumar Nath

Date: 09/11/2023

Time: 3.00 pm

Duration: 1 hr

Number of Participants- 93

#### **Details of Resource Person:**

Er. Kishore Kumar Nath plays a pivotal role as the Product Team Lead ERP at Siemens Gamesa Renewable Energy GmbH in Frankfurt, Germany. With a wealth of experience, he oversees and guides the ERP team, ensuring the seamless integration and optimization of enterprise resource planning systems. His strategic leadership contributes significantly to Siemens Gamesa's commitment to renewable energy solutions. Mr. Nath's dedication to innovation and efficiency is evident in his work, driving advancements in the ERP domain. His role in Germany reflects a global perspective, strengthening Siemens Gamesa's position as a leader in sustainable energy through cutting-edge technology and strategic management.



# Industry Expertise Webinar on **WIND ENERGY SYSTEM**

9th Nov 2023 (03:00 PM IST)

**Organised by :**

Department of EEE and ECE



**Speaker**

## **Er. Kishore kumar Nath**

Product Team Lead ERP,  
Siemens Gamesa Renewable Energy GmbH  
Germany, Frankfurt

### Coordinators :

**Dr Prangya Parimita Pradhan**

Assist. Professor,  
Mob No.: 8763834475  
Dept of EEE, SoET

**Mrs. N. Jeevaratnam**

Assist. Professor,  
Mob No.: 8847882452  
Dept of ECE, SoET

### Google meet link:

click this link: <https://meet.google.com/jqk-pawf-xak>

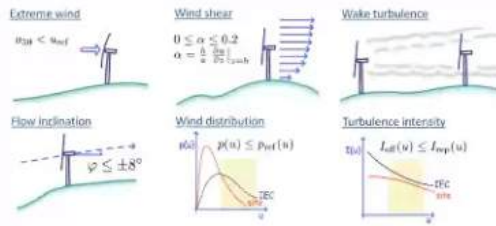
## Screenshots of the Event

The screenshot shows a Google Meet interface. At the top, it says "Kishore Nath (Presenting)". The main content area displays a presentation slide titled "Wind Resource". The slide includes a small image of the Earth and a diagram of the Earth's atmosphere showing wind flow. Below the diagram, there is a list of bullet points:

- The wind is due to the uneven solar radiation on the Earth surface, causing an air flow from the equator to the cold poles.
- Even only around 1-2% of solar radiation is converted into wind, the **wind power around Earth is huge!** ( $1.4 \times 10^9$  GW)
- Wind power is an **endless resource, but intermittent.**

At the bottom of the slide, it says "Source: - the Atmosphere, 8th edition, J.ogens and Karback, 8th edition, 2008". On the right side of the Meet window, there is a video feed of Kishore Nath, a list of participants including KANHAIYA KUMAR, and a notification that "Multiple people want to join this call".

# International Electrotechnical Commission (IEC) Classification



Wind energy industry-standard software - WAsP

IEC class	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
-----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----



Rawshab



89 others



Prangya Parimita Pradhan



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT,  
BHUBANESWAR**

**SCHOOL OF FORENSIC SCIENCES**

**ALUMNI TALK BY SOUMYARANJAN BEHERA (BATCH 2020-22)**

**DATE OF THE EVENT: 24th FEBRUARY 2024**

**NO. OF STUDENTS AND/OR FACULTIES PARTICIPATED: 108 STUDENTS AND  
FACULTIES FROM BHUBANESWAR CAMPUS**

**About the Alumni Talk**

The School of Forensic Sciences, Bhubaneswar organised an interactive alumni talk featuring Mr. Soumyaranjan Behera, a distinguished alumnus (Batch 2020-22) of the university. The event was aimed to provide current students of the department with valuable insights into the real-world applications of forensic sciences, career opportunities, and the experiences of someone who has successfully navigated the field.

**Speaker Profile:**

Mr. Soumyaranjan Behera holds the esteemed position of Assistant Professor and Head of the Department of Forensic Science at the School of Science, Anjaneya University, situated in Raipur, Chhattisgarh. Additionally, he serves as the Assistant Director of the Internal Quality Assurance Cell, where he plays a pivotal role in ensuring the university's academic standards and quality assurance measures are upheld to the highest degree.

With a multifaceted role, Mr. Behera also spearheads the marketing activities and strategies, alongside formulating student retention policies within the department. His comprehensive approach towards academia and administrative responsibilities demonstrates his commitment to the holistic development of the institution.

Prior to his tenure at Anjaneya University, Mr. Behera held the position of Assistant Professor and Head of Department of Forensic Science at Assam Down Town University, located in Guwahati, Assam. His tenure at both esteemed institutions underscores his proficiency in academia and dedication to fostering academic excellence.

In addition to his academic roles, Mr. Behera boasts extensive professional experience gained during his tenure as a Forensic Professional at the DNA Unit of the Regional Forensic Science Laboratory in Bhopal, Madhya Pradesh. During his tenure, he contributed significantly to over 300 cases, showcasing his expertise in forensic analysis and investigation.

Furthermore, Mr. Behera has garnered hands-on experience in the field as an Intern Field Expert with the Scene of Crime Team within the State Police during his Masters program. This experience provided him with invaluable insights into real-world forensic practices and procedures, further enriching his expertise in the field.



Mr. Behera pursued his academic endeavours diligently, graduating with a Bachelor's degree in Botany with a specialization in Plant Biotechnology. He furthered his academic pursuits by obtaining a Master's degree in Forensic Science with a specialization in Forensic Biology from Centurion University of Technology and Management, located in Bhubaneswar. His academic achievements reflect his dedication to acquiring specialized knowledge and skills in the field of forensic science.

### **Event Highlights:**

During his talk, Mr. Behera shared his rich experiences gained from working in forensic laboratories, offering anecdotes and insights into the intricacies of handling different types of cases. His firsthand accounts provided attendees with a realistic view of the challenges and rewards associated with forensic work.

One of the key aspects of Mr. Behera's talk was the exploration of various job opportunities within the forensic sciences. He elaborated on the diverse career paths available, ranging from crime scene investigation to forensic analysis in specialized areas such as DNA analysis, toxicology, and digital forensics. Through his insights, attendees gained a comprehensive understanding of the breadth of opportunities awaiting them in the field.

The alumni talk by Mr. Soumyaranjan Behera proved to be an enlightening and enriching experience for all attendees. The audience felt deeply influenced by his insightful viewpoints on case management, his path as a scholar, and the abundance of career options in forensic sciences. The event demonstrated the School of Forensic Science's commitment towards offering its students a well-rounded education and exposure to practical guidance from professionals in the field.

As the event concluded, the attendees expressed their gratitude to Mr. Behera for generously sharing his expertise and motivating the upcoming cohort of forensic scientists. The School of Forensic Sciences looks forward to hosting similar events in the future to continue fostering learning and professional development within the field.

## BROCHURE OF THE EVENT



# ALUMNI TALK

**SOUMYARANJAN BEHERA**

Assistant Professor & HoD  
Department of Forensic Science,  
Anjaneya University, Raipur,  
Chhattisgarh

**SATURDAY**  
**24 FEBRUARY 2024**



**TIME**  
**10:30 AM**



**VENUE**  
**SCHOOL OF FORENSIC SCIENCES**



[www.cutm.ac.in](http://www.cutm.ac.in)

## GLIMPSES OF THE EVENT



Mr. Soumyaranjan Behera sharing his experience with students



Students interacting with the Alumni

**Coordinator's Signature**

**Dean's Signature**







**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT,  
BHUBANESWAR**

**SCHOOL OF FORENSIC SCIENCES**

**LECTURE ON**

**“HUMAN VALUES AND PROFESSIONAL ETHICS”**

**BY Prof. KVD PRAKASH**

**DATE OF THE EVENT: 22nd FEBRUARY 2024**

**NO. OF STUDENTS AND/OR FACULTIES PARTICIPATED: 124 STUDENTS AND  
FACULTIES FROM BHUBANESWAR CAMPUS**

### **About the Lecture**

The lecture on "Human Values and Professional Ethics" delivered by Professor KVD Prakash was organized by the School of Forensic Sciences with the aim of fostering a deeper understanding of the ethical dimensions inherent in professional life. The primary objective of this academic endeavour was to facilitate a profound exploration into the intricate interplay between moral principles and professional obligations, thereby equipping attendees with the necessary insights to navigate complex ethical dilemmas within their respective vocations.

### **Speaker Profile:**

Prof. KVD Prakash is Dean IIE & HRD at Centurion University of Technology & Management, Bhubaneswar. Prof. Prakash is a credible leader with over 26 years of cumulative experience in various fields like business, talent management and development. Over the years, he had worked with leading organizations like Wipro, Reliance, Pentasoft Technologies Ltd., NIIT Ltd., Orissa Information Technology Pvt Ltd. He completed his Bachelor's degree from Utkal University and postgraduate degree from XLRI Jamshedpur.

### **Event Highlights:**

Prof. Prakash commenced the lecture by introducing the Triune Brain Concept, emphasizing its relevance in understanding human behaviour and decision-making processes. He elaborated on how the primitive, emotional, and rational aspects of the brain interact to influence ethical reasoning and actions. Drawing upon the values instilled within familial structures, Prof. Prakash highlighted the role of family upbringing in shaping individuals' ethical frameworks. Furthermore, he emphasized the significance of having a clear vision to guide one's professional endeavours ethically.

Prof. Prakash's talk was centred around importance of integrity and attitude in fostering ethical conduct. He underscored the need for individuals to uphold moral principles and demonstrate a positive outlook towards their professional responsibilities.

In a world characterized by diverse perspectives and backgrounds, Prof. Prakash stressed the importance of embracing diversity and exercising attention in understanding and respecting differing ethical viewpoints. He emphasized the need for inclusivity and sensitivity in professional interactions.

The lecture on Human Values and Professional Ethics by Prof. KVD Prakash proved to be both enlightening and thought-provoking. Attendees departed with a deeper understanding of ethical considerations in their respective fields and a renewed commitment to upholding human values in their professional endeavours.

The organizers extend their sincere gratitude to Prof. KVD Prakash for his illuminating lecture and insightful contributions, as well as to all attendees for their active participation and engagement in enriching the discourse on human values and professional ethics.

## BROCHURE OF THE EVENT



# Centurion University of Technology and Management

LECTURE SERIES

## Lecture- 01 Human Values & Professional Ethics



*Speaker*

Prof. KVD Prakash  
Dean-IIE & HRD  
Centurion University of Technology  
& Management, Bhubaneswar

*Organized by*

School of Forensic Sciences

*Date and Time*

22.02.2024 (Thursday) at 4:00 PM

[www.cutm.ac.in](http://www.cutm.ac.in)

## GLIMPSES OF THE EVENT



Prof. KVD Prakash Delivering talk on 'Humans Values and Professional Ethics'



QnA Session with the Speaker

Coordinator's Signature

Dean's Signature



9:30 am  
+0

MSc Forensic science (3<sup>rd</sup> Semester)

12:45 pm

Sl. No.	Registration No.	Name of the Student	Branch/Sem	Signature
1	222105240001	Ritika Kumari	MSc/3 <sup>rd</sup>	Ritika Kumari
2	222105240002	Sampad Rath	MSc/3 <sup>rd</sup>	
3	222105240004	Priya Barik	MSc/3 <sup>rd</sup>	Priya Barik
4	222105240006	Barsha Rani Das	MSc/3 <sup>rd</sup>	Barsha Rani Das
5	222105240007	Monalisa Mohanty	MSc/3 <sup>rd</sup>	Monalisa Mohanty
6	222105240002	Sampad Rath	MSc/3 <sup>rd</sup>	Sampad Rath
7				
8				
9				
	1:45 pm	Quarrelly Attendance		
10	222105240001	Ritika Kumari	MSc/3 <sup>rd</sup>	Ritika Kumari
11	222105240002	Priya Barik	MSc/3 <sup>rd</sup>	Priya Barik
12	222105240006	Barsha Rani Das	MSc/3 <sup>rd</sup>	Barsha Rani Das
13	222105240007	Monalisa Mohanty	MSc/3 <sup>rd</sup>	Monalisa Mohanty
14				
15				
16				
17				
18				
19				

9:30 am  
to

MBC Cyber Forensics, 1st Sem

12:45 pm

Sl. No.	Registration No.	Name of the Student	Branch/Sem	Signature
1	232105290001	Riya Kumari	MBC Cyber Security 1st	R Kumari
2	232105290002	Ajay Kumar Naini	"	<del>Ajay Kumar</del>
3	232105290004	Rundhan Pahad	"	Rundhan
4	232105290005	Maminda Harita	"	M. Harita
5				
6				
7	232105290001	Riya Kumari	MBC Cyber Security 1st	R Kumari
8	232105290002	Ajay Kumar Naini	"	<del>Ajay Kumar</del>
9	232105290004	Rundhan Pahad	"	Rundhan
10	232105290005	Maminda Harita	MBC Cyber Security 1st	M. Harita
11				
12				
13				
14				
15				
16				
17				
18				
19				

1:45 pm

awards attendance

9:30 am

10

MSC. Cyber 3rd Sem.

12:45 pm

Sl. No.	Registration No.	Name of the Student	Branch/Sem	Signature
1	222105290005	Aman Patel	CS & DF / 3rd	Aman Patel
2	222105290011	Ayush Chatterjee	CS & DF / 3rd	Ayush
3	222105290003	Nikhil Rami	CS & DF / 3rd	Nikhil
4	222105290004	Sudeep Mondal	CS & DF / 3rd	Sudeep
5	222105290009	Debasish Baidya	CS & DF / 3rd	Debasish
6	222105290006	Smiti Gupta Mohanty	CS & DF / 3rd	Smiti Gupta
7	222105290001	Sonal Mallick	CS & DF / 3rd	Sonal Mallick
8	222105290002	Subarna Pamanick	CS & DF / 3rd	S.P. - h.
9	222105290008	Ashra Hakin	CS & DF / 3rd	Ashra Hakin
10	1:45 pm	overdue attendance		
11	222105290002	Subarna Pamanick	CS & DF / 3rd	S.P. - h.
12	222105290001	Aman Patel	CS & DF / 3rd	Aman Patel
13	222105290010	Smiti Gupta Mohanty	CS & DF / 3rd	Smiti Gupta
14	222105290008	Ashra Hakin	CS & DF / 3rd	Ashra Hakin
15				
16				
17				
18				
19				



1<sup>st</sup> Sem.Bsc. 5<sup>th</sup> sem

20/7/20

9:30 am

10

12:45 pm

Sl. No.	Registration No.	Name of the Student	Branch/Sem	Signature
1	212104320005	Suraj Jena	B.Sc. F.S. 1 <sup>st</sup>	Suraj Jena
2	212104320020	Dibyaditi Behera	B.Sc. F.S. 1 <sup>st</sup>	Dibyaditi Behera
3	212104320002	Bisheshwar Pottanayak	B.Sc. F.S. 1 <sup>st</sup>	Bisheshwar Pottanayak
4	212104320009	Ektar Mondal	B.Sc. F.S. 1 <sup>st</sup>	Ektar Mondal
5	212104320023	Isha Jena	B.Sc. F.S. 1 <sup>st</sup>	Isha Jena
6	212104320017	Swarshita	B.Sc. F.S. 1 <sup>st</sup>	Swarshita
7	212104320014	Sucha Adhikary	B.Sc. F.S. 1 <sup>st</sup>	Sucha Adhikary
8	212104320008	Subinay Das	B.Sc. F.S. 1 <sup>st</sup>	Subinay Das
9	212104320007	Soumyadip Nayak	B.Sc. F.S. 1 <sup>st</sup>	Soumyadip Nayak
10	212104320005	Dr. K. K. Patra	B.Sc. F.S. 1 <sup>st</sup>	Dr. K. K. Patra
11	212104320018	Anurag Kumar	B.Sc. F.S. 1 <sup>st</sup>	Anurag Kumar
12	212104320001	Partha Sarathi	B.Sc. F.S. 1 <sup>st</sup>	Partha Sarathi
13	212104320002	Sankuti Tiwari	B.Sc. F.S. 1 <sup>st</sup>	Sankuti Tiwari
14	212104320016	Soma Hazra	B.Sc. (F.Sc.)	Soma Hazra
15	212104320012	Monalika Nayak	B.Sc. F.S. 1 <sup>st</sup>	Monalika Nayak
16				
17				
18				
19				



1:45

In onwards Mandana.

	212104320005	Suraj Jena	B.Sc. F.S/5th	Suraj Jena
	212104320021	Partha Jena	B.Sc. F.S/5th	Partha Jena
22	212104320020	Shubhangi Behera	B.Sc. F.S/5th	Shubhangi Behera
23	212104320009	Ehta Mondal	B.Sc. F.S/5th	Ehta Mondal
24	212104320045	D. Sai. Kiran Babu	B.Sc. F.S/5th	D. Sai. Kiran Babu
25	212104320014	Shreya Adhikary	B.Sc. F.S/5th	Shreya Adhikary
26	212104320016	Soma Hazra	B.Sc. F.S/5th	Soma Hazra
27	212104320023	Ishe Yadav	B.Sc. F.S/5th	Ishe Yadav
28	212104320002	Subhashree Pattanayak	B.Sc. F.S/5th	Subhashree Pattanayak
29	212104320012	Monika Nayak	B.Sc. F.S/5th	Monika Nayak
30	212104320017	Swadhisti Tarugnya	B.Sc. F.S/5th	Swadhisti Tarugnya
31	212104320022	Sanskriti Tiwari	B.Sc. F.S/5th	Sanskriti Tiwari
32	212104320018	Ankit Mukherjee	B.Sc. F.S/5th	Ankit Mukherjee
33	<del>212104320007</del> 212104320007	Sourmyadeep Nayak	B.Sc. F.S/5th	Sourmyadeep Nayak
34				
35				
36				

7:30 am to 12:45 Pm  
M.Sc. FG

1<sup>st</sup> Sem

MSc (1<sup>st</sup> Sem)

Sl. No.	Registration No.	Name of the Student	Branch/Sem	Signature
1	232105240002	Abhinav B. Bhat	MSc / 1 <sup>st</sup>	Abhinav
2	232105240010	Rashmita Pandia	MSc / 1 <sup>st</sup>	Rashmita
3	232105240017	Annaswara Satapathy	MSc / 1 <sup>st</sup>	A. Satapathy
4	232105240004	Satyajit Biswas	MSc / 1 <sup>st</sup>	Satyajit
5	232105240003	Reetanshika Bhatnagar	MSc / 1 <sup>st</sup>	Reetanshika
6	232105240020	Ayusha Prayagdarshini Nayak	MSc / 1 <sup>st</sup>	Ayusha
7	232105240007	Subhendu Mandal	M.Sc. / 1 <sup>st</sup>	Subhendu
8	232105240005	Abhishek Pandey	M.Sc. / 1 <sup>st</sup>	Abhishek
9	232105240006	Joshna Rani Pandit	M.Sc. / 1 <sup>st</sup>	Joshna
10	232105240011	Sudipta Sankar	M.Sc. / 1 <sup>st</sup>	Sudipta
11	232105240015	Aparna Chaudhary	MSc / 1 <sup>st</sup>	Aparna
12	232105240016	Preya Puri	MSc / 1 <sup>st</sup>	Preya
13	232105240009	Saham Bhattacharya	MSc / 1 <sup>st</sup>	Saham
14	232105240012	Shreyansh Sekhar Khanna	MSc / 1 <sup>st</sup>	Shreyansh
15	232105240013	Afonsha Sagar	MSc / 1 <sup>st</sup>	Afonsha
16				
17				
18				
19				



1:45 PM

around Attendance

(3145)

	232105240005	Abhishoke Pandey	M.Sc 1 <sup>st</sup> Sem	A
21	232105240007	Subhendu Mandal	M.Sc 1 <sup>st</sup> Sem	Subhendu
22	232105240009	Sahom Bhattacharya	M.Sc 1 <sup>st</sup> Sem	Stage B
23	232105240018	Jeevan Jyoti Dash	M.Sc 1 <sup>st</sup> Sem	Jeevan
24	232105240001	Safiyah Tahir	M.Sc (1 <sup>st</sup> Sem)	Safiyah Tahir
8 25	232105240003	Reefambhara Pratih	M.Sc (1 <sup>st</sup> Sem)	R. Pratih
9 26	232105240020	Ayusha Priyadarshini Nayak	M.Sc. (1 <sup>st</sup> Sem)	Ayusha
27	232105240006	Joshna Rani Barait	M.Sc (1 <sup>st</sup> Sem)	Joshna
28	232105240011	Sudipta Sankar	M.Sc (1 <sup>st</sup> Sem)	Sudipta
29	232105240015	Aparna Chaudhary	M.Sc (1 <sup>st</sup> Sem)	Aparna
30	232105240016	Priya Pujari	M.Sc (1 <sup>st</sup> Sem)	Priya
31	232105240013	Alfensha Sagar	M.Sc (1 <sup>st</sup> Sem)	Alfensha
32	232105240004	Satyajit Biswal	M.Sc (1 <sup>st</sup> Sem)	Satyajit
33	232105240017	Annapurna Satapathy	M.Sc 1 <sup>st</sup> Sem	A. Satapathy
34	232105240002	Abrinash Baral	M.Sc 1 <sup>st</sup> Sem	Abrinash
35	232105240010	Rashmita Pandya	M.Sc 1 <sup>st</sup> Sem	Rashmita
36				

9:30 am to 12:45 pm

1<sup>st</sup> Sem.

Sl. No.	Registration No.	Name of the Student	Branch/Sem	Signature
1	232104320007	Gyanada pandey	B.Sc. Forensic	Gyanadapanda
2	232112140010	Prangya P. Saxangi	Int. Forensic	Prangya P. Saxangi
3	232104320029	Arunima Jana	B.Sc. Forensic	Arunima Jana
4	232104320019	Woochita Mandal	B.Sc. Forensic	Woochita Mandal
5	232112140001	Tapasween Belera	Int. Forensic	Tapasween Belera
6	232104320003	Dibyanga Das	B.Sc. Forensic	Dibyanga Das
7	232112140014	Mansa Panda	Int. Forensic	Mansa Panda
8	232104320009	Sauronita Pan	B.Sc. Forensic	Sauronita Pan
9	232104320001	Suarnaparna Sharma	B.Sc. Forensic	Suarnaparna Sharma
10	232104320011	Tanisha Das	B.Sc. Forensic	Tanisha Das
11	232104320013	Anushika Chowdhury	B.Sc. Forensic	Anushika Chowdhury
12	232112140016	Kubhadarsini Kar	Int. Forensic	Kubhadarsini Kar
13	232112140002	Sanjana Lahari	Int. Forensic	Sanjana Lahari
14	232112140004	Arpita Ghana	Int. Forensic	Arpita Ghana
15	232104320021	Suiparna Datta	B.Sc. Forensic	Suiparna Datta
16	232112140011	Aishwarya Mohanty	B.Sc. Forensic 1st year	Aishwarya Mohanty
17	232104320027	Arshi Rahman	B.Sc. Forensic 1st sem	Arshi Rahman
18	232104320032	Bighnesh Das	B.Sc. Forensic 1st sem	Bighnesh Das
19	232104320031	Neha Pradhan	B.Sc. Forensic 1st sem	Neha Pradhan

(20)



	232112140009	Shivesh Kumar	Int. Forensic Sci.	Gandhi
21	232104320017	Roshan Mohapatra	B.Sc. Forensic Science	Roshan Mohapatra
22	232104320005	Anasuya Roy	B.Sc. Forensic Science	Anasuya Roy
23	232112140008	Arabisha Mishra	B.Sc. Forensic Science	A. Mishra
24	232104320014	Shrabanti Tarafdar	B.Sc. Forensic Science	Shrabanti Tarafdar
25	232104320016	Situn Nalla	B.Sc. Forensic Science	Situn Nalla
26	232112140006	Bhagyashree Swam	Int. B.Sc. M.Sc. F.C.	Bhagyashree Swam
27	232112140005	Arunima Kar	Int. B.Sc. M.Sc. F.C.	Arunima Kar
28	232104320010	Aisha Padhan	B.Sc. Forensic 1st Sem	Aisha
29	232104320012	Subhrajyoti Mohapatra	B.Sc. Forensic 1st Sem	Subhrajyoti Mohapatra
30	232112140007	Bhabatosh Pradhan	B.Sc. Forensic 2nd Sem	B. Pradhan
31	232104320002	Jiban Tyoti Harichandan Chakraborty	B.Sc. Forensic 1st Sem	J. Chakraborty
32	232104320006	Pallam Jyoti Samal	B.Sc. Forensic 1st Sem	Pallam Jyoti Samal
33	232104320028	P. Santhosh	B.Sc. Forensic 1st Sem	P. Santhosh
34	232104320026	Shobho Biswas	B.Sc. Forensic 1st Sem	Shobho Biswas
35	232104320036	Arghadip Goswami	B.Sc. Forensic 1st Sem	Arghadip Goswami
36	232104320030	Subhansu Sekhar Pattnayak	B.Sc. Forensic 1st Sem	Subhansu Sekhar Pattnayak
37	232104320008	Anmol Meher	B.Sc. Forensic 1st Sem	Anmol Meher
38	232112140003	Mondala Sanjay	B.Sc. Forensic 1st Sem	Mondala Sanjay



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

**CENTURION UNIVERSITY OF TECHNOLOGY AND  
MANAGEMENT, BHUBNESWER**

**SCHOOL OF FORENSIC SCIENCES**

**“11<sup>th</sup> NATIONAL FORENSIC SCIENCE WEEK”**

**DATE OF THE EVENT: 20<sup>th</sup> September & 21<sup>st</sup> September 2023**

**NO. OF STUDENTS AND/OR FACULTIES PARTICIPATED: STUDENTS AND  
FACULTIES FROM BHUBANESWAR CAMPUS**

**About the Event**

An expert lecture- 1 by **Mr. Sushant Kumar Nanda**, Assistant Director (Retd.) at State Forensic Science Laboratory, Sambhalpur, on the topic “*Different forensic division* ” and An expert lecture- 2 by **Dr. Shaikh Nausad**, at Regional Institute of Biotechnology, Bhubaneswar, on the topic “*Proteomics offers new clues for forensic investigation*” was conducted by School of Forensic Sciences, CUTM, Bhubaneswar.

A welcome address was given by the Director of CUTM- Prof. Jagannath Padhi, The Chief Guest- Dr. Satyajit Naik (IPS), DIG- Human Rights Protection Cell, Dean of the Department, SoFS, CUTM, Bhubaneswar, Dr. Reena C. Jhamtani and Vote of Thanks for Inaugural session was given by Dean, HRD Prof. KVD Prakash.

For this expert lecture, we had Mr. Sushant Kumar Nanda sir and Dr. Shaikh Nausad as a guest speaker. Mr. Sushant Kumar Nanda sir is currently serving as an Assistant Director at State Forensic Science Laboratory, Sambalpur, Odisha and Dr. Shaikh Nausad sir is currently serving at Regional Institute of Biotechnology, Bhubaneswar.






Mr. Sushant sir delivered an intellectual lecture where he discussed about the different division of Forensic Science Laboratory and some live cases which he had handled during the tenure of his service in forensic science laboratory and Dr. Nausad sir delivered an intellectual lecture where he discussed about Proteomics offers new clues for Forensic Investigation.

In the conclusion part of the session, they guided students about the upcoming challenges for the forensic aspirants and gave guidelines about how to succeed in the domain of Forensic science. They suggested forensic students develop their basic skills in order to succeed in the domain of Forensic Science. They taught us about different forensic division and forensic Investigation.


Photography competition, Group Discussion and Poster Presentation was held on these two days of event followed by the guest lecture where they taught to participants.

Display of Photographs was conducted on 1<sup>st</sup> day of Event. Poster Presentation, Group Discussion, Prize Distribution for the competition and the Cultural Programme was organised on 2<sup>nd</sup> day of Forensic Science week.

## **BROCHURE OF THE EVENT**

<div style="text-align: center;">   </div> <p style="text-align: center;"><b>SCHOOL OF FORENSIC SCIENCES</b></p> <p style="text-align: center;">Affiliated with</p> <div style="text-align: center;">  <p><b>National Forensic Sciences University</b> <small>Knowledge   Wisdom   Fulfillment An Institution of National Importance (Ministry of Home Affairs, Government of India)</small></p> </div> <p style="text-align: center;"><b>celebrates</b></p> <p style="text-align: center;"><b>11th National Forensic Science Week</b></p> <p style="text-align: center;"><i>“Forensic Science: Beyond Interdisciplinary Applications”</i></p> <p style="text-align: center;">September 20 and 21, 2023</p> <p style="text-align: center;">Venue: Hall No 6, Aryabhata Building Centurion University of Technology and Management</p>	<p style="text-align: center;"><b>ABOUT THE UNIVERSITY</b></p> <p>The journey of Centurion University of Technology and Management (CUTM) began in 2005 by a group of ambitious academics with aspirations to provide high quality education both nationally &amp; internationally. Centurion University is India's first and best skill university to be with grade A+ by NAAC.</p> <p style="text-align: center;"><b>SCHOOL OF FORENSIC SCIENCES</b></p> <p>The School of Forensic Sciences was established in the year 2017 through a collaborative partnership with Gujarat Forensic Science University, which is now known as National Forensic Science University. Since its inception, our institution has been dedicated to nurturing the next generation of forensic experts, fostering interdisciplinary learning, and advancing the frontiers of forensic science. In 2019, the school introduced two courses- Bachelors in Forensic Science and Masters in Cyber security and digital forensics. In the year 2023, we are proudly offering the B.Sc-M.Sc. Forensic Science 5-year integrated program in affiliation with the esteemed National Forensic Science University.</p> <p style="text-align: center;"><b>ORGANIZING COMMITTEE</b></p> <p style="text-align: center;">Dean- In Charge</p> <p>Dr. Reena C. Jhamtani      +91-8000079969</p> <p style="text-align: center;">Faculty Contact</p> <p>Ms. Shruti Rajwar      +91- 9510743600</p> <p>Ms. Varsha Singh      +91- 7878254652</p> <p>Ms. Tamosa Mukherjee      +91- 7001133637</p> <p>Ms. Manisha Panda      +91- 6370326771</p> <p>Mr. Wishard Baretto      +91- 7267800017</p> <p>Mr. Sangram K. Routray      +91- 7008818047</p>	<div style="text-align: right;">  </div> <p style="text-align: center;"><b>GLIMPSE OF THE EVENT</b></p> <ul style="list-style-type: none"> <li>Expert Talk</li> <li>Poster Presentation</li> <li>Group Discussion</li> <li>Photography Competition</li> <li>Cultural Event</li> </ul> <div style="text-align: center;">  </div> <p style="text-align: center;"><b>GUEST OF HONOUR</b></p> <p style="text-align: center;"><b>DR. SATYAJIT NAIK (IPS),</b> DIG, Human Right Protection Cell</p> <p style="text-align: center;"><b>KEY SPEAKERS</b></p> <p style="text-align: center;">Mr. Sushant Kumar Nanda, Retd., Asst. Director, SFSL, Sambhalpur</p> <p style="text-align: center;">Dr. Shaikh Nausad Regional Institute of Biotechnology, Bhubaneswar</p> <p style="text-align: center;"><b>MENTORS</b></p> <p style="text-align: center;">Dr. Supriya Pattanayak, Vice Chancellor Dr. Biswajit Mishra, Pro Vice Chancellor Prof. Jagannath Padhi, Director Prof. KVD Prakash, Dean HRD</p>
--	--	--

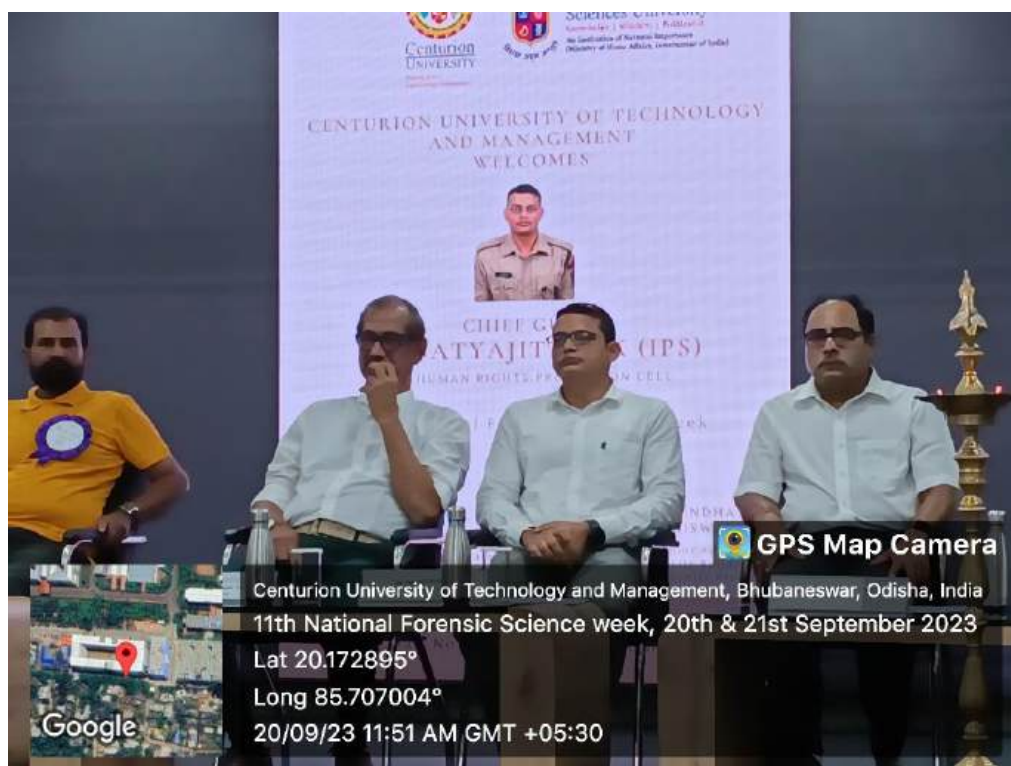
## SCHEDULE OF THE EVENT

<div style="text-align: center;">  <p><b>OBSERVATION OF NATIONAL FORENSIC SCIENCE WEEK</b>  <b>THEME: "FORENSIC SCIENCE: BEYOND INTERDISCIPLINARY APPLICATIONS"</b>  <b>PROPOSED DATE: 20<sup>th</sup> - 21<sup>st</sup> September, 2023</b>  <b>PROPOSED SCHEDULE</b></p> </div>	
20 <sup>th</sup> SEPTEMBER, 2023	DAY - 1
Inaugural Session	11:00 A.M. - 12:00 A.M.
Address by the Director, CUTM Prof. Jagannath Fadhi	
Address by the Guest of Honour Dr. Satyajit Naik (IPS), DIG-Human Rights Protection Cell	
Vote of thanks for Inaugural session by Dean, HRD Prof. KVD Prakash	
TEA BREAK	12:00. - 12:30 P.M
Expert Lecture - 1 by Mr. Sushant Kumar Nanda Assistant Director (Retd.), SFSL, Sambhalpur	12:30 - 1:30 P.M.
LUNCH	1:30 P.M. - 2:30 P.M
Expert Lecture - 2 Dr. Shaikh Nausad Regional Institute of Biotechnology, Ehubaneswar	2:30 P.M. - 3:30 P.M.
Display of Photographs	3:30 P.M. - 4:30 P.M.

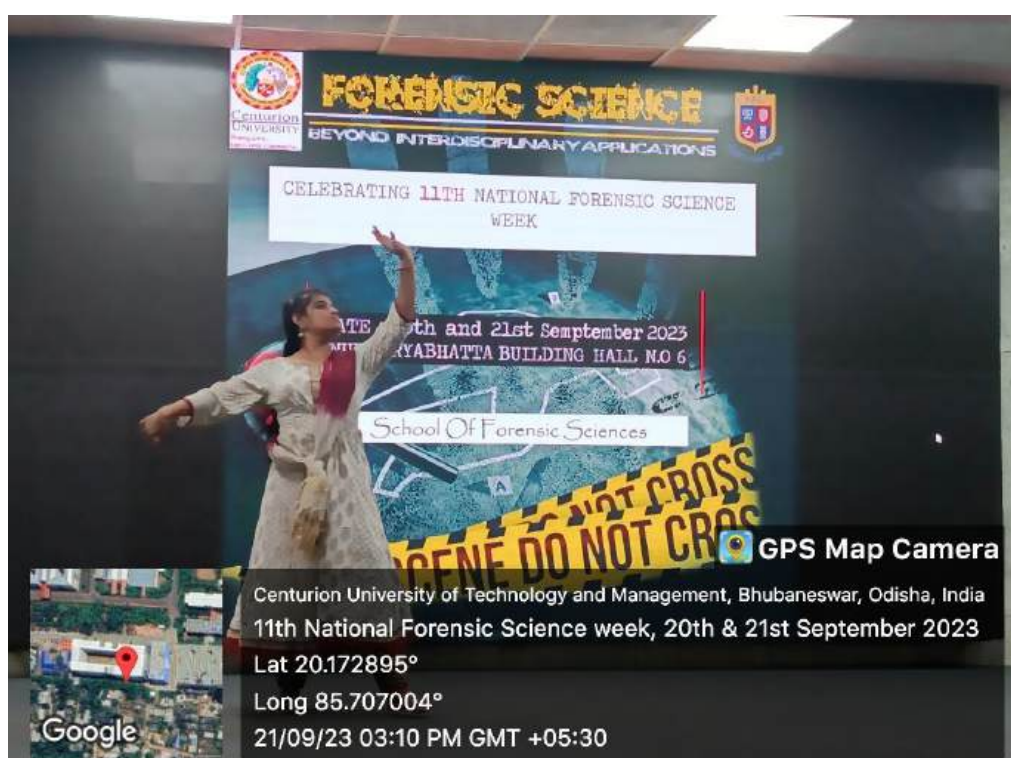
21 <sup>st</sup> SEPTEMBER, 2023	DAY - 2
Poster Presentation	9:30 A.M. - 11:30
TEA BREAK	11:30 A.M. - 12:00
Group Discussion (Phase-1)	12:00 - 1:00 P.M.
LUNCH	1:00 P.M. - 2:00 P.M
Group Discussion (Phase-2)	2:00 P.M. - 3:00 P.M
Prize Distribution	3:00 P.M. - 3:15 P.M.
Valedictory Session	3:15 P.M. - 3:30 P.M.
CULTURAL PROGRAMME	3:30 P.M. - 5:15 P.M.



## GLIMPSES OF THE EVENT



GUESTS ON DIAS



STUDENT PERFORMANCE IN CULTURAL EVENT



**CENTURION UNIVERSITY OF TECHNOLOGY AND  
MANAGEMENT, BHUBANESWAR**

**SCHOOL OF FORENSIC SCIENCES**

**WORKSHOP ON “IMPORTANCE OF EVIDENCE- FROM  
CRIME SCENE TO COURTROOM” BY DR. ARUNA KUMAR  
SWAIN**

**DATE OF THE EVENT: 28<sup>th</sup> & 29<sup>th</sup> July, 2023**

**NO. OF STUDENTS AND/OR FACULTIES PARTICIPATED: STUDENTS AND  
FACULTIES FROM BHUBANESWAR CAMPUS**

**About the Workshop**

Crime is defined as an act committed or omitted in violation of public law forbidding it or commanding it. Crime Scene is a place where a criminal offence has occurred. As the crime is diverse, the crime scene differs with each crime. Crime Scene provides potential evidence to the investigator. Crime scene management skills are an extremely significant task component of investigation because evidence that originates at the crime scene will provide a picture of events for the court, and help to seek justice.

Workshop can provide essential insights into various aspects related to crime scene management, collection of evidences, preservation of evidences, chain of custody, report writing, etc. The workshop was conducted by School of Forensic Science, on “**Importance of Evidence- from Crime Scene to Courtroom**”, by Forensic Expert, **DR. ARUNA KUMAR SWAIN**

Dr. Arun Kumar began the talk with ‘what we understand about crime’ followed by crime scene management. The mock crime scene which is demonstrated to us is a indoor crime scene. Crime scene management includes general precautions needed, securing the scene, documentation of the scene, searching of evidences, collection of evidences, preservation of evidences, etc.

At first we learned about what are the precautions we should take before entering the scene of crime. Sir had described the importance of taking precautions before entering the crime scene. For the precautions we should use personal protective equipment (PPE) kit, shoe covers, nitrile gloves, head cap, mask. PPE kit is used for full body protection. Shoe covers are used to cover the foot wares of investigators, preventing them from contaminating the crime scene. Head cap or Head covers are used for the prevention of hair fall of the investigator on the crime scene. Nitrile gloves or Powderless Gloves are used instead of surgical or powdered gloves for the prevention of contamination. Mask is for the prevention of saliva contamination from the investigator. Precautions are very much important for maintaining the credibility of the scene of crime.

Crime scene securing or barricading is the most crucial part of crime scene management. For indoor crime scene we have to secure entry and exit points of the scene. Securing the outdoor crime scene is much difficult than securing indoor crime scene. Due to the involvement of environment, securing a outdoor crime scene is very difficult.

After securing the crime scene note making is done by the investigator for the documentation purposes. Sir described us note making is important for court purposes, if court want to see the notes taken by investigator.

Searching of crime scene for the evidence is the most crucial part of the crime scene management and for further investigation. Searching of the crime scene is done by various methods – spiral method, wheel method, line method, grid method, zonal method. Searching method varies on the type of crime scene which is found. Proper scene documentation can't be complete unless a rough sketch is created at the crime scene itself. Rough sketch is made by the investigator.

Physical evidence comprises all objects and materials found on the crime scene in connection with an investigation that is instrumental in discovering the facts of a case. Physical evidences are mainly found from the scene of crime, body of the victim, and body of the accused (if any). Physical evidences have link to victim, scene of crime, and suspects. Physical evidences includes – Blood, semen, saliva, nails, fingerprint, footprint, hairs, skin, other biological fluids, tire marks, etc.

Photographs are an extremely useful source which provides significant pieces of evidence with precise measurement of the site where the crime took place. Photography should be in three types- Overall or Wide range, Mid-range, and close-up photography. Close-up photography is done for the evidence's close photograph.

After that we continue with the collection process of the evidences. Blood collection is done by scratching, swabbing, or any other possible method based on the condition of blood. Blood preservation is done by FTA Card after drying the blood. Bullet or metallic objects are collected by rubber tipped forceps. Based on the type of evidence collection is done.

After collection, preservation is done based on the type of evidence. Paper bags and FTA card is used for the preservation of blood. Metal containers are used for the preservation bullets. Preservation is the most important part of any investigation to get justice.

Spot visit report is done by the investigator. Spot visit report include- case reference, date and time of occurrence, date and time of arrivals, date and time of departure, brief history of the case, list of exhibits collected from the scene of crime. Then the Report is submitted to IO for onward transfer to forensic laboratory for examination.

In unnatural death cases the exhibits is forwarded by the Executive Magistrate and in murder cases forwarding is done by Judicial Magistrate. Forwarding Report includes-

- Reference
- Brief history of case
- List of Exhibits sent for Examination
- Nature of Examination Required
- Forwarded to the Director of FSL with the signature of IO and the signature of Forwarding Authority
- Authorization Certificate- Certified that Directors, FSL has been authorised to break open the seal and cut into pieces or whole for the purpose of examination. With signature of Forwarding Officer and specimen wax seal. 4 copies of forwarding report are prepared.

The whole workshop is full of insights with real experience from Dr. Aruna Kumar Swain. The whole workshop is very much meaningful to us for the future. From the description we are able to know how the forwarding is done by the authorities. In both the days question and answer session was held followed by lecture. The whole workshop is very much informative and helpful.

## BROCHURE OF THE EVENT



# Centurion University of Technology and Management

WORKSHOP

Demonstration of  
crime scene and  
report writing and  
chain of custody.



*# Organized by*  
**School of Forensic  
sciences**

*# Date*  
**28.07.23 - 29.07.23**

[www.cutm.ac.in](http://www.cutm.ac.in)



## GLIMPSES FROM THE EVENT



**Dr. Aruna Kumar Swain briefing the students about types of evidences and their proper handling**



**Mock Indoor Crime Scene**



# CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

## SCHOOL OF FORENSIC SCIENCES

WORKSHOP

ON

IMPORTANCE OF EVIDENCE – FROM CRIME SCENE TO COURTROOM

DATE : 28<sup>TH</sup> & 29<sup>TH</sup> JULY 2023

### ATTENDANCE SHEET

Sr.No	Roll No	Student Name	28/07/2023	29/07/2023
1	212104320001	PRAGYANSHU SHEKHAR PADHI	Pragyanshu Padhi	Pragyanshu Padhi
2	212104320002	SUBHASHREE PATTANAYAK	Subhashree Pattanayak	Subhashree Pattanayak
3	212104320003	ARKADIP PAN	Absent	Arkadip
4	212104320004	SOUMYA RANEE HOTA	Soumya R. Hota	Soumya R. Hota
5	212104320005	SURAJ JENA	Suraj Jena	Absent
6	212104320006	ASHISH RANJAN	Ashish Ranjan	Ashish Ranjan
7	212104320007	SOUMYADEEP NAIYA	Soumyadeep Naiya	Soumyadeep Naiya
8	212104320008	SUBINAY DAS	Subinay Das	Subinay Das
9	212104320009	EKTA MONDAL	Ekta Mondal	Ekta Mondal
10	212104320010	KAMAL LOCHAN MAHATAB	Kamal Lochan	Kamal Lochan
11	212104320011	A JAGANNATH PATRO	A Jagannath Patro	Absent
12	212104320012	MONALIKA NAYAK	Monalika Nayak	Monalika Nayak
13	212104320013	SIDHANT SATAPATHY	—	—
14	212104320014	SNEHA ADHIKARY	Sneha Adhikary	Sneha Adhikary
15	212104320015	D SAI KIRAN PATNAIK	Sai. Kiran	Sai. Kiran
16	212104320016	SOMA HAZRA	Soma Hazra	Soma Hazra
17	212104320017	SWADHISTITA PRAGNYA	Swadhistita	Swadhistita
18	212104320018	ANKIT MUKHERJEE	Ankit Mukherjee	Ankit Mukherjee



Centurion  
UNIVERSITY  
Shaping Lives...  
Empowering Communities...

# CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

## SCHOOL OF FORENSIC SCIENCES

19	212104320019	SANSKAR AGRAWAL	<i>Sanskar</i>	<i>Sanskar</i>
20	212104320020	DIBYAJYOTI BEHERA	<i>Dibyajyoti</i>	<i>Dibyajyoti</i>
21	212104320021	PARTHA SARDAR	<i>P.S</i>	<i>P.S</i>
22	212104320022	SANSKRITI TIWARI	<i>Sanskriti</i>	<i>Absent</i>
23	212104320023	ISHA YADAV	<i>Isha</i>	<i>Isha</i>





**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

**“A report of seminar on  
Technology, Cyber and Operational Resilience”**

Name of the event	Technology, Cyber and Operational Resilience
Date of the event	16/02/2024
Name of coordinator	Dr. Chinmaya Kumar Dash
No. of attendees	200
Mode	Online

LIVE

CEO  
Talk



Topic :

**Technology, Cyber and  
Operational Resilience**

School of Management (SoM)  
in collaboration with  
Center for Governance and  
Sustainable Society (CGSS)



**Venue : Hall no. 6,  
Aryabhata Building**



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*



 **SANTOSH PANDIT**

 **16th Feb, 2024**

 **1:30 PM**



## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

### **1. Introduction**

In today's seminar focusing on technology, cyber, and operational resilience, we delved into crucial aspects of navigating the evolving landscape of challenges in these domains. The gathering provided a platform for experts and participants to explore innovative solutions, share insights, and collectively strengthen our understanding of resilient practices. As we embark on this comprehensive report, we aim to capture the essence of each segment, starting with a detailed introduction.

### **2. Key Note**

The keynote session emerged as the cornerstone of the seminar, featuring an esteemed speaker who navigated the intricate landscape of technology, cyber, and operational resilience. With a profound understanding of the challenges at hand, the speaker articulated a vision for fortifying our digital ecosystems.

Highlighting the significance of proactive measures, the keynote underscored the ever-evolving nature of cyber threats and the critical role of resilience in mitigating risks. Key takeaways included an exploration of emerging technologies, threat intelligence, and strategic frameworks to bolster defenses against cyber adversaries.

The speaker delved into case studies that illustrated both successful and cautionary tales, offering a practical dimension to the theoretical concepts discussed. Emphasis was placed on fostering a culture of cybersecurity awareness within organizations, ensuring that resilience becomes an integral part of the organizational DNA.

Throughout the keynote, a forward-looking approach prevailed, urging participants to anticipate and adapt to the rapidly changing technological landscape. The session not only set

the stage for the subsequent discussions but also served as a catalyst for a collective commitment to advancing resilience in the face of evolving technological challenges.

### **3. Interaction**

The virtual interaction during the seminar, conducted through Zoom, proved to be a dynamic and inclusive platform, fostering meaningful engagement among participants. Panel discussions brought together experts from various sectors, creating a rich tapestry of insights on technology, cyber, and operational resilience.

Q&A sessions allowed participants to actively seek clarification, share experiences, and pose thought-provoking questions to the panelists. The interactive nature of the online format facilitated a global exchange of perspectives, transcending geographical boundaries and enriching the discourse with diverse viewpoints.

Networking opportunities, albeit in a virtual space, provided a platform for participants to connect with like-minded professionals, exchange contact information, and establish valuable connections. The seamless integration of technology enabled the fluid exchange of ideas and experiences, replicating the collaborative atmosphere of an in-person event.

In this digital realm, the interactive components of the seminar not only facilitated knowledge sharing but also showcased the adaptability of online platforms in fostering a sense of community and shared purpose. The Zoom-mediated interaction served as a testament to the resilience of virtual environments in facilitating meaningful engagement within the context of contemporary challenges.

### **4. Learning Outcomes**

The seminar yielded substantial learning outcomes, equipping participants with a robust understanding of key facets in technology, cyber, and operational resilience.

#### **1. Cybersecurity Best Practices:**

Participants gained valuable insights into current cybersecurity best practices, including threat detection, incident response, and the implementation of preventive measures. The seminar emphasized proactive approaches to counter emerging cyber threats effectively.

## 2. Operational Resilience Strategies

Attendees explored innovative strategies to enhance operational resilience within their organizations. Discussions covered topics such as business continuity planning, risk assessment methodologies, and adaptive operational frameworks.

## 3. Technological Adaptation:

The seminar addressed the imperative for organizations to stay abreast of emerging technologies. Participants learned to navigate and leverage technologies such as artificial intelligence, blockchain, and secure cloud solutions to fortify their digital infrastructure.

## 4. Collaborative Insights:

Engaging panel discussions and shared experiences provided a collaborative learning environment. Participants benefited from the collective wisdom of experts and peers, gaining a deeper understanding of real-world challenges and effective resilience strategies.

## 5. Cultural Embrace of Resilience:

The importance of fostering a culture of resilience within organizations was emphasized. Participants learned how to instill a proactive mindset, ensuring that resilience becomes ingrained in the organizational culture and day-to-day operations.

These learning outcomes collectively empower participants to apply strategic, technical, and cultural measures, enhancing their organizations' ability to navigate the evolving landscape of technology, cyber threats, and operational challenges.

## **5. Conclusion**

In conclusion, the seminar on technology, cyber, and operational resilience encapsulated a collective journey towards fortifying our digital landscapes. The amalgamation of insightful keynotes, interactive sessions on Zoom, and profound learning outcomes underscores the paramount importance of resilience in our contemporary technological milieu.

As participants depart with a newfound understanding of cybersecurity best practices, operational strategies, and the imperative of technological adaptation, they carry with them the tools to confront the challenges of an ever-evolving landscape.

The collaborative spirit exhibited in the virtual interactions on Zoom mirrors the resilience we seek to instill in our digital ecosystems. The shared experiences and knowledge exchanged during the seminar serve as a beacon for future endeavors in fortifying our organizations against cyber threats and operational disruptions.

As we collectively embrace a culture of resilience, inspired by the seminar's discussions, we stand better equipped to navigate the uncertainties that lie ahead. This report serves not only as a reflection of the seminar's proceedings but also as a roadmap for continued progress and innovation in the realms of technology, cyber, and operational resilience.



# School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandi

MBA Semester II		
Student	Roll No	Signature of Students
1. PRIYANSHU DAS	230402100001	Priyanshu Das
2. DARSHAN RANJAN MOHANTY	230402100002	Darshan Ranjan Mohanty
3. ALOK KUMAR TRIPATHY	230402100003	Alok Kumar Tripathy
4. SANDIP KUMAR SAHOO	230402100004	Sandip Kumar Sahoo
5. BISHNESH PANDA	230402100005	Bishnesh Panda
6. NEELAM KAUR	230402100006	Neelam Kaur
7. SATYA PRAKASH DHAL	230402100007	Satya Prakash Dhal
8. SUPRIT KUMARI BHUYAN	230402100008	Suprit Kumari Bhuyan
9. SK. MOHAMMED SAJID ALI	230402100009	Sk. Md. Sajid Ali
10. UJIT NARAYAN SARANGI	230402100010	Ujit Narayan Sarangi
11. PRIYANKA SAHOO	230402100011	Priyanka Sahoo
12. ASHISH KUMAR PANDA	230402100012	Ashish Kumar Panda
13. AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14. RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15. SIDHASHREE PRADHAN	230402100015	Sidhashree Pradhan
16. MADHUMITA NANDY	230402100016	
17. PRANGYA SARANGI	230402100017	Prangya Sarangi
18. SASWAT MOHANTY	230402100018	
19. POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20. PRERANA PRIYADARSHINI PR	230402100020	
21. SUDIPTA BARIK	230402100021	
22. TUSHAR KUMAR PANI	230402100022	Tushar Pani
23. BAREN KUMAR SAHOO	230402100023	Baren Kumar Sahoo
24. SIBASANI DEVI	230402100024	Sibasani Devi
25. SMRUTILEKHA SAHOO	230402100025	Smrutilekha Sahoo
26. ABINASH PARIDA	230402100026	

# School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational  
Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandit

BMS_Semester_II			
Sr.	Student	Roll No	Signature of Students
1	ROHAN PATI	230422100001	Rohan Pati
2	SWAPNA PATAJOSH	230422100002	Swapna Patajosh
3	SAISHREE SUBHADRASHINI	230422100003	
4	SHYAMAK VAIBHAV DAS	230422100004	
5	SUBHASHREE SUBHADRASHINI	230422100005	Subhashree Subhadarshini
6	SUSRI PRANGYA DAS	230422100006	
7	PRIYADARSHINI RAUTARAY	230422100007	
8	DIPTIMAYEE SUBUDHI	230422100008	Diptimayee Subudhi
9	ITYASHA PRIYADARSHINI	230422100009	Ityasha Priyadarshini
10	DIBYA RANJAN BEHERA	230422100010	
11	ARPITA MOHAPATRA	230422100011	Arpita Mohapatra
12	SAMIKHYA NAYAK	230422100012	
13	SAUBHAGYA RANJAN SAHOO	230422100013	
14	AKASH KUMAR DUBEY	230422100014	Akash Kumar Dubey
15	AREEBA ASLAM	230422100015	Areeba Aslam
16	NIKHIL KUMAR	230422100016	Nikhil Kumar
17	PATITAPABANA OJHA	230422100017	Patitapabana Oja
18	SOMYA RANJAN SAHOO	230422100018	Somya Ranjan Sahoo
19	SILALIPI HARICHANDAN	230422100019	Silalipi Harichandan
20	AESHA OJHA	230422100020	Aesha Oja
21	ASIT KUMAR JENA	230422100021	Asit Kumar Jena
22	P.M. RASHMI RANJAN BISWAL	230422100022	P.M. Rashmi Ranjan Biswal
23	PABITRA PATRA	230422100023	Pabitra Patra
24	SAI JYOTI SAHU	230422100024	

## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational  
Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandit

BMS_Semester_IV			
r.	Student	Roll No	Signature of Students
1	SASWAT RANJAN GADATYA	220422100001	Saswat Ranjan Gadatya
2	SUJIT SAHOO	220422100002	
3	TAMMNA PARWIN	220422100003	
4	BIBEKANANDA BISWAS	220422100004	



# School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandi

BCOM_Semester IV			
Sr.	Student	Roll No	Signature of Students
1	SRIJEET HARICHANDAN	220415140001	Srijeet Harichandan
2	ANUSHKA SINHA	220415140002	Anushka Sinha
3	SATYAJIT BHATTACHARJEE	220415140003	Satyajit Bhattacharjee
4	RAHUL SAHA	220415140004	Rahul Saha
5	VIRAJ TIRIYA	220415140005	Viraj Tiriya
6	INDRAKHEE KARMAKAR	220415140006	Indrakhee Karmakar
7	MUSKAN JAIN	220415140007	Muskan Jain
8	POKHRAJ DANSANA	220415140008	Pokhraj Dansana
9	B. SOMEYA	220415140009	B. Someya
10	KRUTIBASH TRIPATHY	220415140010	Krutibash Tripathy
11	HITESH KUMAR MAHAPATRA	220415140011	Hitesh Kumar Mahapatra
12	SNEHA NAIK	220415140012	Sneha Naik
13	ADITYA PRASAD SAHOO	220415140013	Aditya Prasad Sahoo
14	INDRANI SAHOO	220415140014	Indrani Sahoo
15	SOUMYA RANJAN KUNDU	220415140015	Soumya Ranjan Kundu
16	SUMAN KUMAR PATRA	220415140016	Suman K. Patra
17	BARSHARANI SAMAL	220415140017	Barsharani Samal
18	AYUSH KUMAR BARIK	220415140018	Ayush Kumar Barik
19	AYUSH PAIKRAY	220415140019	Ayush Paikray
20	AJAY KUMAR	220415140020	Ajay Kumar
21	DADDA RAVIKIRAN	220415140021	Dadda Ravikiran
22	GOURI SHANKAR PADHY	220415140022	Gouri S. Padhy
23	PRITI BAGH	220415140023	Priti Bagh
24	GELLA AMRUTHA	220415140024	G. Amrutha



## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandi

BCOM_Semester_II		
Student	Roll No	Signature of Students
1 DIYA GUPTA	230415140001	Diya Gupta
2 ADITYA KUMAR SAHOO	230415140002	
3 DHIREN SAMAL	230415140003	Dhiren Samal
4 MOUSUMI MONALISHA	230415140004	
5 OM PRASAD PANDA	230415140005	OM PRASAD PANDA
6 SHREYA KANDHWAY	230415140006	Shreya Kandhway
7 JYOTIRMAYEE SAHOO	230415140007	Jyotirmayee Sahoo
8 YOUNGESH KUMAR NAYAK	230415140008	
9 SIVA SUNDAR SAHU	230415140009	
10 RAHUL PRADHAN	230415140010	
11 MITHILESH KUMAR NATH	230415140011	
12 PRERNA SINGH	230415140012	Prerna Singh
13 BABLY DUSAD	230415140013	Babli Dusad
14 PRATYUSH DAS	230415140014	
15 AMIT KUMAR PALTASINGH	230415140015	
16 ANURADHA CHOUDHARY	230415140016	Anuradha Choudhary
17 DIBYAJYOTI BOITY	230415140017	
18 B ADITYA PATTNAIK	230415140018	
19 BIDYOTTAM SARANGI	230415140019	Bidyottam Sarangi
20 ABHIPSA SAHU	230415140020	
21 BARSHA RANI BEHERA	230415140021	Barsha Rani Behera
22 SNEHA JAISWAL	230415140022	Sneha Jaiswal
23 PUJALIN SAHOO	230415140023	
24 HARSHRAJ MALLIK	230415140024	Harshraj Malik
25 YASH CHAUHAN	230415140025	Yash Chauhan
26 SUNITA NAYAK	230415140026	Sunita Nayak
27 MOULI MAHANTA	230415140027	Mouli Mahanta
28 BIBHU PRASAD NATH	230415140028	Bibhu Prasad Nath
29 LIPAN PATEL	230415140029	Lipan Patel
30 MUKESH KUMAR MAJHI	230415140030	Mukesh Kumar Majhi
31 SWAROOPA SAGAR	230415140031	Swarupa Sagar
32 MADHUSMITA MISHRA	230415140032	Madhusmita Mishra
33 VIJAYLAXMI YADAV	230415140033	Vijaylaxmi Yadav

120040	
120041	
120042	Pratik Pattnaik
120043	Shreya Aggarwal
120044	Pratik Kumar
120045	Santosh Kumar
120046	
120047	
120048	Arjun Mukherjee
120049	Arushi Biswas
120050	Samay Rajan
120051	Anjana Kumar
120052	
120053	Arushi - K. Suman
120054	
120055	Shubham Sahu
120056	
120057	Shikharjit Kisku
120058	Arushi Kisku
120059	Samayraj Singh
120060	Arushi Saha
120061	
120062	
120063	Pratik Kumar
120064	
120065	
120066	Arushi Mahato
120067	Riya Saha
120068	Arushi Pattnaik
120069	
120070	
120071	Arjun Pat
120072	
120073	Mamta Mallick
120074	
120075	Arushi Pattnaik
120076	
120077	
120078	
120079	
120080	
120081	Telista Jena
120082	
120083	
120084	Nigam Khan
120085	
120086	Sumana Behara

## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanatsh Pandi

BBA Semester II		
Student	Roll No.	Signature of Students
1 SHREYAN BHARADWAJ	230409120001	Shreyan Bhargadwa
2 ABHISHEK KUMAR SINGH	230409120002	Abhishek K. Singh
3 SAKSHI SUMAN	230409120003	Sakshi Suman
4 ARUSH KUMAR SAHOO	230409120004	Arush K. Sahoo
5 SUJAL BOSE	230409120005	
6 ROSHAN PUROHIT	230409120006	Roshan Purohit
7 DEBARATI SAHU	230409120007	Debarati Sahu
8 ANAND SINGH	230409120008	Anand Singh
9 PRABIN KUMAR MAHATO	230409120009	
10 SRILAL KISKU	230409120010	Srilal Kisku
11 MANISH PRAJAPATI	230409120011	Manish Prajapati
12 SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13 RUPESH KUMAR	230409120013	
14 ROSHIN GABRIEL	230409120014	
15 DIVYA SINGHA PANDA	230409120015	
16 T PRANITH	230409120016	
17 M. VARUN KUMAR	230409120017	
18 ROHIT SHARMA	230409120018	
19 MALAYA KUMAR PALTASINGH	230409120019	
20 SARVISITTI SAI TARUN	230409120020	
21 CHANDNI	230409120021	
22 P. MOULIKA	230409120022	P. Moulika
23 S. KUSUMA	230409120023	S. Kusuma
24 MIR INJAMUL HAQUE	230409120024	
25 HEMANTH KUMAR	230409120025	
26 HIMANSHU KUMAR SONI	230409120026	Himanshu Kumar Soni



27. Harsha Sahoo  
 28. Prameela Kumar Sengupta  
 29. Arman Sanderson  
 30. Anjan Kumar Pattnaik  
 31.  
 32. Keelika Nayak  
 33. Dibyadarshini Panda  
 34. Aijsha Patra  
 35. Khushi Panda  
 36. A. Mathani  
 37. Subha Binita Sahoo  
 38. Subha Laxmi Pal  
 39.  
 40. Ritosh R. Sahoo  
 41. Prityanka P. Pattnaik  
 42. Brijal Priya Mahanty  
 43. Pranshi Ranik  
 44. Chinmayee Sahoo  
 45.  
 46. Sneha Behara  
 47. Soubhagya Laxmi Das  
 48. Anmol Das  
 49. Mohanika Priyadarshini  
 50. Harsh Deep Kumar  
 51. Subhasmita Mahapatra  
 52. Santanu Kumar Sahoo  
 53.  
 54. L. Suman Khatun  
 55.  
 56. Arun Sethi  
 57. M. Sharmi Saha  
 58. Anindita  
 59. Soha Anand  
 60. Koushik Prasad  
 61. Rinky Rajak  
 62. Priyam Jais  
 63. Anan Ranjan Prasad  
 64. Sreeja Meher

School of Management  
 Att. Sheet  
 for Workshop on CEO Talks: Topic: Technology, Cyber and Operational  
 Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandit

BBA Semester IV		
Student	Roll No	Signature of Students
1. DHANVENDRA SAHU	220409120001	Dhanvendra Sahu
2. ABHIJIT PARIDA	220409120002	Abhijit Parida
3. SUNIL KUMAR MURMU	220409120003	
4. MANISH KUMAR	220409120004	Manish Kumar
5. SIDDHANT PANDA	220409120005	Siddhant Panda
6. AMRITSAGAR PRIYADARSHI	220409120006	
7. INDRAJIT GHORAI	220409120007	Indrajit Ghorai
8. SUBHASHREE RATH	220409120008	
9. ANKITA DUTTA	220409120009	Ankita Dutta
10. ANUSHKA GHOSH	220409120010	Anushka Ghosh
11. ANISH KUMAR	220409120011	Anish Kumar
12. AKASH SINGH	220409120012	Aakash Singh
13. AYUSH KUMAR SONTALIA	220409120013	Ayush Kumar Sontalia
14. ANKIT KUMAR SAHOO	220409120014	
15. ASHISH TAKIRI	220409120015	
16. ADITI KARN	220409120016	Aditi Karn
17. JAGJIT DAS	220409120017	Jagjit Das
18. ANSH SINGH	220409120018	Ansh Singh
19. BRAJESH SINGH	220409120019	
20. KHUSHI KUMARI	220409120020	
21. MADHURI KUMARI	220409120021	Madhuri Kumari
22. GAURIK DUTTA	220409120022	
23. RABINA SAHU	220409120023	
24. TANISHA PATI	220409120024	Tanisha Pati
25. MANISH KUMAR	220409120025	Manish Kumar
26. AKASH PATRO	220409120026	Aakash Patro
27. SMUTTI PATEL	220409120027	Smutti Patel
28. CHINMAY SAMANTA	220409120028	Chinmay Samanta
29. GOPINATH PADHAN	220409120029	Gopinath Padhan
30. MOHAMMED SK SAHILI	220409120030	
31. SHAIKH ANAS ALLI	220409120031	
32. SAYED WASIM ANWAR	220409120032	
33. RITIK KUMAR MEHER	220409120033	Ritik Meher
34. SAMEER RANJAN SAHOO	220409120034	Sameer Ranjan Sahoo
35. LIPUN PRUSTY	220409120035	Lipun Prusty
36. PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
37. LOKNATH ROUT	220409120037	
38. SOUMYA PRAKASH KHILAR	220409120038	Soumya Pr. Khilar
39. DEBABRATA BISWAL	220409120039	Debabrata Biswal

40	NANDITA NAIK	220409120040	
41	KAJAL PATRA	220409120041	
42	BIPISTA PATTANAIK	220409120042	Pipista Pattnaik
43	SHREYA AGRAWALLA	220409120043	Shreya Agrawalla
44	RAINEE KARMAKAR	220409120044	Rainee Karmakar
45	SANTAPTA KUMAR NAIK	220409120045	Santapta Kumar Naik
46	PRINYANKA PRIYADARSINI	220409120046	
47	BISHIKANTA SAMAL	220409120047	
48	SAYONI MUKHERJEE	220409120048	Sayoni Mukherjee
49	SHREDSI BISWAS	220409120049	Shreksi Biswas
50	SOUNYA RANJAN SAHOO	220409120050	Sounya Ranjan Sahoo
51	ANJANA KUMARI	220409120051	Anjana Kumari
52	MOHAMMED ROSAN	220409120052	
53	ADARSH KUMAR SWAIN	220409120053	Adarsh Kumar Swain
54	VIBEK TOPPO	220409120054	
55	SHUBHAM SAHU	220409120055	Shubham Sahu
56	DEBAYAN BEHERA	220409120056	
57	BISHWAJEET PATRA	220409120057	Bishwaajeet Patra
58	ANALUSKA PAIKARAY	220409120058	Analuska Paikaray
59	SAMAPREET SINGH REKHRAJ	220409120059	Samapreet Singh
60	ABHISEKH SATAPATHY	220409120060	Abhisekh Satapathy
61	KADAMBINI SWAIN	220409120061	
62	PIYUSH MISHRA	220409120062	
63	PRIYADARSHINI SWAIN	220409120063	Priyadarshini Swain
64	TISA SONKAR	220409120064	
65	UDAY MOHAN MAJHI	220409120065	
66	ANISHA MAHATO	220409120066	Anisha Mahato
67	RIYA SHAW	220409120067	Riya Shaw
68	ABHISEKH PATTNAIK	220409120068	Abhisekh Pattnaik
69	ANUKUL KRISHNAN	220409120069	
70	ASHUTOSH KUMAR	220409120070	
71	ARYAN ROUT	220409120071	Aryan Rout
72	MIR MUSRAF ALI	220409120072	
73	MAMTA MALLICK	220409120073	Mamta Mallik
74	ANKIT KUMAR JAISWAL	220409120074	
75	LIPSA PRADHAN	220409120075	Lipsa Pradhan
76	DIVYAYOTI SHAW	220409120076	
77	KRITI RANJAN BEHERA	220409120077	
78	NIROJ KUMAR SETHI	220409120078	
79	MOMITA NAMATA	220409120079	
80	SOMDATTI BISWAS	220409120080	
81	TELISHA JENA	220409120081	Telisha Jena
82	DIBYANSHU MAHAPATRA	220409120082	
83	AYAZ KHAN	220409120083	
84	NAYEM KHAN	220409120084	Nayem Khan
85	DEEPAK SHARMA	220409120085	
86	SUMANA BEHERA	220409120086	Sumana Behera

## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cy  
Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pa

BBA Semester II		
Student	Roll No	Signature
1 SHREYAN BHARADWAJ	230409120001	Shrey
2 ABHISEKH KUMAR SINGH	230409120002	Abhisekh
3 SAKSHI SUMAN	230409120003	Sakshi
4 AYUSH KUMAR SAHOO	230409120004	Ayush
5 SUJAL BOSE	230409120005	
6 ROSHAN PUROHIT	230409120006	Roshan
7 DEBAHATI SAHU	230409120007	Deba
8 ANAND SINGH	230409120008	Anand
9 PRABIN KUMAR MAHATO	230409120009	
10 SHILAL KISKU	230409120010	Shilal
11 MANISH PRAJAPATI	230409120011	Manish
12 SHRUTI CHAKRABORTY	230409120012	Shruti
13 RUPESH KUMAR	230409120013	
14 ROSHINI GABRIEL	230409120014	
15 DIBYA SINGHA PANDA	230409120015	
16 T PRANITH	230409120016	
17 M VARUN KUMAR	230409120017	
18 ROHIT SHARMA	230409120018	
19 MALAYA KUMAR PAITASINGH	230409120019	
20 SARVISITTI SAI TARUN	230409120020	
21 CHANDNI	230409120021	
22 P. MOULIKA	230409120022	
23 S. KUSUMA	230409120023	
24 MIR INJAMUL HAQUE	230409120024	
25 HEMANTH KUMAR	230409120025	
26 HIMANSHU KUMAR SONI	230409120026	



27	KANHA SAHOO	230402100027	Kanha Sahoo
28	PRAMODA KUMAR SENAPATI	230402100028	Pramoda Kumar Senapati
29	ASMAN SUNDARA	230402100029	Asman Sundara
30	ARPAN KUMAR PATTAIK	230402100030	Arpan Kumar Pattnaik
31	LOSAN KUMAR SAHOO	230402100031	Losan Kumar Sahoo
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	Dibyadarshinee Parida
34	AVIPSA PATRA	230402100034	Avipsa Patra
35	RAMIYA PANDA	230402100035	Ramiya Panda
36	ALLURI MADHAVI	230402100036	A. Madhavi
37	SUBHASMITA SAHOO	230402100037	Subhasmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi Pal
39	SOURYA RANJAN MATAGAI	230402100039	Sourya Ranjan Matagaisi
40	RITESH RANJAN SHARMA	230402100040	Ritesh R. Sharma
41	PRIYANKA PRIYADARSINI MIS	230402100041	Priyanka P. Misra
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	Pravasi Barik
44	CHINMAYEE SAHOO	230402100044	Chinmayee Sahoo
45	TRUPTI BEHERA	230402100045	Trupti Behera
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SUBHAGYALAXMI DALAI	230402100047	Subhagya Laxmi Dalai
48	KUNAL DAS	230402100048	Kunal Das
49	MONALISA PRIYADARSHINI	230402100049	Monalisa Priyadarshini
50	HARSH DEEP KUMAR	230402100050	Harsh Deep Kumar
51	SUBHRASNGHA MOHAPATRA	230402100051	Subhrasngha Mohapatra
52	SANTANU KUMAR SAHOO	230402100052	Santanu Kumar Sahoo
53	ASHUTOSH DAS	230402100053	Ashutosh Das
54	G SUMAN REDDY	230402100054	G. Suman Reddy
55	SUBRAT KUMAR PANDA	230402100055	Subrat Kumar Panda
56	ARUN SETHI	230402100056	Arun Sethi
57	MITA RANI SAHU	230402100057	Mita Rani Sahu
58	ASURI SUDESH	230402100058	Asuri Sudesh
59	SACHIN AHWAN BEHERA	230402100059	Sachin Ahwan Behera
60	KUMAR GOURABA PARIDA	230402100060	Kumar Gouraba Parida
61	RINKY RAJAK	230402100061	Rinky Rajak
62	PRITAM JENA	230402100062	Pritam Jena
63	GYANA RANJAN PRUSETH	230402100063	Gyana Ranjan Pruseth
64	ASHOK KUMAR JENA	230402100064	Ashok Kumar Jena
65	SWEETY MEHER	230402100065	Sweety Meher

School of Management  
 Att. Sheet  
 for Workshop on CEO Talks: Topic: Technology  
 Resilience, Date: 16.02.2023  
 Resource Person: Mr. Sanots

BBA Semester IV			
Student	Roll No	Signature	
1 DHARMENDRA SAHU	220409120001		
2 ABHIJEET PARIDA	220409120002		
3 SUNIL KUMAR MURMU	220409120003		
4 MANISH KUMAR	220409120004		
5 SIDDHANT PANDA	220409120005		
6 AMRITSAGAR PRIYADARSHI	220409120006		
7 INDRAJIT GHORAI	220409120007		
8 SUBHASHREE RATH	220409120008		
9 ANKITA DUTTA	220409120009		
10 ANUSHA GHOSH	220409120010		
11 ANISH KUMAR	220409120011		
12 AKASH SINGH	220409120012		
13 AYUSH KUMAR SONTHALIA	220409120013		
14 ANKIT KUMAR SAHOO	220409120014		
15 ASHISH TAXIRI	220409120015		
16 ADITI KARN	220409120016		
17 JAGJIT DAS	220409120017		
18 ANSH SINGH	220409120018		
19 BRAJESH SINGH	220409120019		
20 KHUSHI KUMARI	220409120020		
21 MADHURI KUMARI	220409120021		
22 GAIRIK DUTTA	220409120022		
23 RABINA SAHU	220409120023		
24 TANISHA PATI	220409120024		
25 MANISH KIJUR	220409120025		
26 AKASH PATRO	220409120026		
27 SMUTI PATEL	220409120027		
28 CHINMAY SAMANTA	220409120028		
29 GOPINATH PADHAN	220409120029		
30 MOHAMMED SK SAHILI	220409120030		
31 SHAIKH ANAS ALI	220409120031		
32 SAYED WASIM ANWAR	220409120032		
33 RITIK KUMAR MEHER	220409120033		
34 SAMEER RANJAN SAHOO	220409120034		
35 LIPUN PRUSTY	220409120035		
36 PRASAD KUMAR NAYAK	220409120036		
37 LOKNATH ROUT	220409120037		
38 SOURYA PRAKASH KHILAR	220409120038		
39 DEBABRATA BISWAL	220409120039		

27	NIKHIL KUMAR	230409120027	Nikhil Kumar
28	AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29	BISWABRATA CHANDA	230409120029	
30	S HEMANT KUMAR	230409120030	S. Hemant Kumar
31	SIPUN NAYAK	230409120031	
32	PRAYASH SWAIN	230409120032	
33	SIBANI PRASAD NAYAK	230409120033	
34	SHREYA DEBNATH	230409120034	
35	AVIK MANDAL	230409120035	Avik Mandal
36	ALISHA BECK	230409120036	Alisha Beck
37	BHAGYASHREE DAS	230409120037	Bhagyashree Das
38	V. PADMINI RAO	230409120038	V. Padmini Rao
39	ANUPAM PATTANAYAK	230409120039	Anupam Pattanayak
40	RUTUPRASAN JENA	230409120040	
41	SUNANDA NAYAK	230409120041	
42	ARITRA DAS	230409120042	Aritra Das
43	RAJASHREE JAGADEV	230409120043	Rajashree Jagadev
44	MANMEET KOUR	230409120044	Manmeet Kour
45	BARIAKSHEE PATRA	230409120045	Bariaakshree Patra
46	ANURBAN BESRA	230409120046	
47	AKRUTI TRIPATHY	230409120047	
48	ARGHYA ADHIKARY	230409120048	
49	ANUKSHYA CHOWDHURY	230409120049	
50	PREMIT SINGH	230409120050	
51	NIRAL BALMUCHU	230409120051	Niral Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SINEHA OREYA	230409120053	Sineha Oryea
54	BISWAJEET SAHOO	230409120054	Biswa Jeet Sahoo
55	PRATYUSH RANJAN SAHU	230409120055	
56	SAGAR NAYAK	230409120056	Sagar Nayak
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	Satish Mohanty
59	KUSHAL KUMAR DOL	230409120059	Kushal Dol
60	TOMOHINA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	
62	DEEBYASA PARIDA	230409120062	
63	DEBASMITA PRAHARAJ	230409120063	Debasmita Praharaj
64	SUBHAM SINGH	230409120064	Subham Singh
65	SANCHITA PANDA	230409120065	Sanchita Panda

66	MITALI MADHUSMITA	230409120066	Mitala
67	IVASMITA PARIDA	230409120067	Iva
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Nafiah
70	SURYASNATA ROUT	230409120070	Surya
71	NEHA KUMARI	230409120071	
72	KUMARI SANYA	230409120072	
73	DEBASIS RANA	230409120073	Debas
74	ARUSHI SINGH	230409120074	
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	V. U
78	ABHIJEET BARIK	230409120078	Abi
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	Gold
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	Sm
84	SONAM BHARTI	230409120084	
85	MONIKA SHARMA	230409120085	M.
86	SUHANAFRIEN	230409120086	Su
87	ABHISHEK PAHANTA SINGH	230409120087	Ab
88	D PREM KUMAR	230409120088	
89	ADITYA PRASAD PATI	230409120089	
90	B. SAKCHI	230409120090	
91	ROSHAN KUMAR	230409120091	
92	AKSHAY MAZUMDER	230409120092	A
93	PRASANT KUMAR NAYAK	230409120093	P
94	ALOK PRABHUPADA JENA	230409120094	A
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	
102	ANITA RANI MOHANTA	230409120102	



2027	Nikhil Kumar
2028	Nyush Kumar Singh
2029	
2030	S. Hemant Kumar
2031	
2032	
2033	
2034	
2035	Divik Mandal
2036	Aditya Beek
2037	Pragyaabhai Das
2038	V. Padarini Rao
2039	Anupam Pattanayak
2040	
2041	
2042	Anshu Das
2043	Prasanna Sagar
2044	Manmeet Kaur
2045	Brijakhee Patra
2046	
2047	
2048	
2049	
2050	
2051	Nishal Chandra
2052	Nikhil Talwar
2053	Sneha Ojha
2054	Krupa Adva
2055	
2056	Anjali Sharma
2057	Hyeshman Boli
2058	Satish Mahanta
2059	KUSHAL DOL
2060	
2061	
2062	Debanita Pradhan
	Subham Singh
	Sanchita Panda

66	MITALI MADHUSMITA	230409120066	Mitali Madhusmita
67	IVASMITA PARIDA	230409120067	Ivasmita Parida
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Nafiah Ebal
70	SURYASNATA ROUT	230409120070	Suryasanta Rout
71	NEHA KUMARI	230409120071	
72	KUMARI SANYA	230409120072	
73	DEBASIS RANA	230409120073	Debasis Rana
74	ARUSHI SINGH	230409120074	
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V. UDAY KIRAN ACHARI	230409120077	V. Uday Kiran Achari
78	ABHIJEET BARIK	230409120078	Abijeet Barik
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	Goldy Pattanayak
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	Smeka Chintak
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHANA AFRIEN	230409120086	Suhana Afrien
87	ABHISHEK PAHANTA SINGH	230409120087	Abhishek Pahanta Singh
88	D. PREM KUMAR	230409120088	
89	ADITYA PRASAD PATI	230409120089	
90	B. SAKCHI	230409120090	
91	ROSHAN KUMAR	230409120091	Roshan Kumar
92	AKSHAY MAZUMDER	230409120092	Akshay Mazumder
93	PRASANT KUMAR NAYAK	230409120093	Prasant Kumar Nayak
94	ALOK PRABHUPADA JENA	230409120094	Alok prabhupada jena
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	Anchil Verma
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BJAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar
102	ANITA RANI MOHANTA	230409120102	Anita Rani Mohanta



INDIA'S FIRST AND BEST  
SKILLS UNIVERSITY



**School of Management**  
**&**  
**Center for Governance and Sustainable Societies**

**WORKSHOP**  
**ON**  
**ACHIEVING "VALUE PROPOSITION FIT"**  
**AND**  
**"BUSINESS FIT"**



**Resource Person**

**Mr. Babu Shankar**  
**MD**  
**GT Tech.**

**Faculty Coordinator**  
**Dr. Rupsa Mahapatra**

**Venue**

**LT-7, Kautilya Building, CUTM**

**TIME : 12 PM || Date : 29.08.2023**

**Centurion University of Technology and Management, Odisha**  
CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

**FACULTY COORDINATOR :**

Dr. Rupsa Mahapatra

**STUDENT COORDINATOR:**

Pratyush kumar Pathy

THE WORKSHOP BEGAN WITH A BRIEF INTRODUCTION TO THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT. VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH A PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE OVERALL VIABILITY OF A BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

THE PRESENTER THEN DISCUSSED THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT FOR STARTUPS. HE ARGUED THAT STARTUPS THAT FAIL TO ACHIEVE EITHER OF THESE GOALS ARE UNLIKELY TO SUCCEED. HE ALSO SHARED SOME TIPS FOR ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT, SUCH AS:

- **UNDERSTAND YOUR TARGET CUSTOMER:** THE FIRST STEP TO ACHIEVING VALUE PROPOSITION FIT IS TO UNDERSTAND YOUR TARGET CUSTOMER. THIS INCLUDES UNDERSTANDING THEIR NEEDS, PAIN POINTS, AND GOALS.
- **SOLVE A REAL PROBLEM:** YOUR PRODUCT OR SERVICE MUST SOLVE A REAL PROBLEM FOR YOUR TARGET CUSTOMER. IT'S NOT ENOUGH TO JUST HAVE A COOL IDEA.



- **BE BETTER THAN THE ALTERNATIVES:** YOUR PRODUCT OR SERVICE MUST BE BETTER THAN THE ALTERNATIVES THAT YOUR TARGET CUSTOMER CURRENTLY USES.
- **COMMUNICATE YOUR VALUE PROPOSITION CLEARLY:** YOU MUST BE ABLE TO COMMUNICATE YOUR VALUE PROPOSITION CLEARLY TO YOUR TARGET CUSTOMER.

THE PRESENTER ALSO DISCUSSED THE DIFFERENT WAYS TO MEASURE VALUE PROPOSITION FIT AND BUSINESS FIT. HE EMPHASIZED THE IMPORTANCE OF CONDUCTING CUSTOMER INTERVIEWS AND SURVEYS TO GET FEEDBACK ON YOUR PRODUCT OR SERVICE. HE ALSO DISCUSSED THE IMPORTANCE OF TRACKING YOUR KEY METRICS, SUCH AS REVENUE, CHURN, AND CUSTOMER ACQUISITION COSTS.

THE WORKSHOP CONCLUDED WITH A Q&A SESSION. THE PARTICIPANTS ASKED QUESTIONS ABOUT A VARIETY OF TOPICS, INCLUDING HOW TO VALIDATE YOUR VALUE PROPOSITION, HOW TO IMPROVE YOUR BUSINESS MODEL, AND HOW TO RAISE FUNDING.

THE WORKSHOP WAS WELL-RECEIVED BY THE PARTICIPANTS. THEY FOUND THE INFORMATION TO BE HELPFUL AND INFORMATIVE. THEY ALSO APPRECIATED THE OPPORTUNITY TO ASK QUESTIONS AND GET FEEDBACK FROM THE PRESENTER.

OVERALL, THE WORKSHOP WAS A VALUABLE LEARNING EXPERIENCE FOR THE PARTICIPANTS. THEY GAINED A BETTER UNDERSTANDING OF THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT, AND THEY LEARNED SOME TIPS FOR ACHIEVING THESE GOALS.

HERE ARE SOME ADDITIONAL THOUGHTS ON THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT:

- ACHIEVING VALUE PROPOSITION FIT IS ESSENTIAL FOR STARTUPS BECAUSE IT ENSURES THAT THEY ARE BUILDING SOMETHING THAT PEOPLE ACTUALLY WANT OR NEED. THIS IS CRITICAL FOR GENERATING SALES AND BUILDING A SUSTAINABLE BUSINESS.
- VALUE PROPOSITION FIT CAN BE ACHIEVED BY CONDUCTING CUSTOMER RESEARCH, UNDERSTANDING THE PAIN POINTS OF YOUR TARGET MARKET, AND DEVELOPING A PRODUCT OR SERVICE THAT ADDRESSES THOSE PAIN POINTS.
- THERE ARE A NUMBER OF WAYS TO MEASURE VALUE PROPOSITION FIT, SUCH AS CUSTOMER SURVEYS, INTERVIEWS, AND A/B TESTING.
- IF YOU ARE ABLE TO ACHIEVE VALUE PROPOSITION FIT, YOU WILL BE WELL ON YOUR WAY TO BUILDING A SUCCESSFUL STARTUP.

A SWOT ANALYSIS IS A STRATEGIC PLANNING TOOL THAT HELPS YOU IDENTIFY AND ANALYZE YOUR ORGANIZATION'S STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS. IT CAN BE USED TO ASSESS YOUR BUSINESS FIT AND VALUE PROPOSITION FIT.

- **STRENGTHS:** THESE ARE THE INTERNAL FACTORS THAT GIVE YOUR BUSINESS AN ADVANTAGE OVER YOUR COMPETITORS. THEY CAN INCLUDE THINGS LIKE YOUR PRODUCTS OR SERVICES, YOUR TEAM, YOUR BRAND, AND YOUR MARKET POSITION.
- **WEAKNESSES:** THESE ARE THE INTERNAL FACTORS THAT COULD PUT YOUR BUSINESS AT A DISADVANTAGE. THEY CAN INCLUDE THINGS LIKE YOUR FINANCIAL SITUATION, YOUR LACK OF EXPERIENCE, OR YOUR LIMITED RESOURCES.

- **OPPORTUNITIES:** THESE ARE THE EXTERNAL FACTORS THAT COULD BENEFIT YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE NEW MARKET TRENDS, CHANGES IN REGULATIONS, OR THE ENTRY OF NEW CUSTOMERS.
- **THREATS:** THESE ARE THE EXTERNAL FACTORS THAT COULD HARM YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE CHANGES IN TECHNOLOGY, ECONOMIC DOWNTURNS, OR THE ENTRY OF NEW COMPETITORS.

VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE OVERALL VIABILITY OF YOUR BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

TO DIFFERENTIATE BETWEEN VALUE PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS, YOU CAN USE THE FOLLOWING TABLE:

BY UNDERSTANDING THE STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS THAT AFFECT YOUR BUSINESS FIT AND VALUE PROPOSITION FIT, YOU CAN MAKE BETTER STRATEGIC DECISIONS THAT WILL HELP YOU ACHIEVE YOUR BUSINESS GOALS.

HERE ARE SOME ADDITIONAL TIPS FOR DIFFERENTIATING BETWEEN VALUE

STRENGTH	VALUE PROPOSITION FIT	BUSINESS FIT
STRONG PRODUCT OR SERVICE	YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES.	YOUR BUSINESS MODEL IS A REVENUE, ATTRACT AND R AND ACHIEVE PROFITABILITY
EXPERIENCED TEAM	YOU HAVE A TEAM WITH THE SKILLS AND EXPERIENCE NECESSARY TO DEVELOP AND DELIVER YOUR PRODUCT OR SERVICE.	YOUR TEAM IS ABLE TO EX BUSINESS MODEL EFFECTIV
STRONG BRAND	YOUR BRAND IS WELL-KNOWN AND RESPECTED BY YOUR TARGET CUSTOMER.	YOUR BRAND IS ABLE TO A CUSTOMERS.
MARKET LEADER	YOU ARE THE LEADING PLAYER IN YOUR MARKET.	YOU ARE ABLE TO MAINTAIN LEADERSHIP POSITION.

## PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS:

- FOCUS ON THE CUSTOMER. THE MOST IMPORTANT FACTOR IN BOTH VALUE PROPOSITION FIT AND BUSINESS FIT IS THE CUSTOMER. MAKE SURE YOUR SWOT ANALYSIS IS FOCUSED ON THE NEEDS, WANTS, AND PAIN POINTS OF YOUR TARGET CUSTOMER.
- BE SPECIFIC. DON'T JUST SAY THAT YOUR PRODUCT OR SERVICE IS "GOOD" OR THAT YOUR BUSINESS MODEL IS "VIABLE." BE SPECIFIC ABOUT WHAT MAKES YOUR PRODUCT OR SERVICE UNIQUE AND HOW IT SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER.
- BE REALISTIC. DON'T OVERSTATE YOUR STRENGTHS OR WEAKNESSES. BE HONEST ABOUT YOUR STRENGTHS AND WEAKNESSES, AS WELL AS THE OPPORTUNITIES AND THREATS THAT YOU FACE.

THANK YOU

# School of Management

## Attendance Sheet

Title: Achieving Value Proposition Fit and Business Fit

Sl	Name	Regd. No	Signature of Students
1	Poojanika Mishra	240301120019	P. Mishra
2	Asim Kumar Patra	240301120046	Asim Kumar Patra
3	Devesh Das	240301120006	Devesh
4	Anusmita Maharana	240301120001	Anusmita Maharana
5	Shaswati Swagatika	240301120008	Shaswati Swagatika
6	Kayabalu Kunal Reddy	240301120007	Kayabalu Kunal Reddy
7	Tulsi Prasad	240301120002	Tulsi
8	Tamanna Mahapatra	240301120016	Tamanna
9	Tanisha Prasad	240301120003	Tanisha
10	Chinmayi Banerjee	240301120017	Chinmayi Banerjee
11	Gayatri Sahoo	240301120009	Gayatri
12	Prityanka Bal	240301120001	Prityanka Bal
13	Rajdeep Dash	240301120018	Rajdeep Dash
14	Saimit Behera	240301120021	Saimit Behera
15	Swastika S. Sahoo	240301370130	Swastika S. Sahoo
16	Gopi Kristina Sa	240301370129	Gopi Kristina Sa
17	Trineep Bhanja	240301370131	Trineep Bhanja
18	Bishal Das	240301120017	Bishal Das
19	Suwal Kumar Nayak	240301120044	Suwal
20	Ashish Dash	240301120041	Ashish Dash
21	Donipati Anshu Kumar	240301120005	Anshu Kumar
22	Manoranjan Pradhan	240301120003	Manoranjan
23	Subhanshu Nayak	240301120010	Subhanshu
24	Sayan Saha	240301120002	Sayan
25	Subham K. Saha	240301120005	Subham
26	Jyoti Hathi	240301120001	Jyoti Hathi
27	Prakhar S. Bhatnagar	240301120006	Prakhar
28	Partha Ranjith Kumar	240301120019	Partha Ranjith Kumar
29	Swastika Suman Akharia	240301120040	Swastika Suman Akharia
30	Partha Ranjith Kumar	240301120019	Partha R. Kumar
31	Sheerwanjay Singh	240301120043	Sheerwanjay Singh
32	Subham Kumar Saha	240301120005	Subham Kumar Saha
33	Santhak Satapathy	240301120012	Santhak Satapathy
34	Pranab Prasad Dhar	240301120014	Pranab
35			
36			
37			
38			
39			
40			





**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of workshop on Branding and Consumer behaviour”**

Name of the event	Branding and Consumer Behaviour
Date of the event	23/12/2023
Name of coordinator	Dr. Deepti Mishra
No. of attendees	100
Mode	Offline



## BRANDING AND CONSUMER BEHAVIOR: A MATCH MADE IN HEAVEN!

**Debasis Sahoo**  
*Entrepreneur, Marketing Specialist*

*VENUE: Hall no. 6, Aryabhata Building*  
*Saturday, 23.12.2023, 9:45 am*



School of Management  
Centre of Governance and Sustainable Society  
Centurion University of Technology and Management, Bhubaneswar

**Contents**

1. Introduction
2. Keynote
3. Activities and Interaction
4. Learning Outcomes
5. Conclusion

## **1. Introduction**

By understanding how consumers decide on a product, they can fill in the gap in the market and identify the products that are needed and the products that are obsolete. Branding affects consumer behaviour by influencing their self-image and the perception they have of the brand.

Branding is the process of creating a distinct identity for a business in the minds of your target audience and the general population. At its core, branding consists of a company's name and logo, visual identity design, mission, values, and tone of voice. Your brand is also determined by the quality and uniqueness of your products, the customer service experience you provide, and even your pricing strategy.

Consumer behaviour is the study of how people make decisions about what they buy, want, need, or act in regards to a product, service, or company. It is critical to understand consumer behaviour to know how potential customers will respond to a new product or service. It also helps companies identify opportunities that are not currently met.

Branding influences consumer behaviour by shaping perceptions, building trust, and creating emotional connections. Strong brands enhance recognition, foster loyalty, and differentiate products in a crowded market, influencing purchasing decisions and driving customer preferences.

## **2. Key Note**

Branding and Consumer Behaviour, Importance of understanding the link between them, Consumer decision-making process, Factors affecting Consumer Behaviour, Role of branding in consumer behaviour, Branding strategies, Consumer Behaviour in the Digital Age, Branding challenges

## **3. Activities and Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by activities like:

- Simple presentation slides
- Brain storming and mapping by asking questions
- Studying cases / Case study
- Role play
- Questions discussion

#### **4. Learning Outcomes**

1.**Branding:** Branding is the strategic process of creating and promoting a unique identity for a product, service, or company. It involves shaping perceptions, building recognition, and influencing consumer behaviour through consistent messaging, visuals, and experiences.

2.**Consumer Behaviour:** Consumer behaviour refers to the study of how individuals make decisions to satisfy their needs and wants.

#### **3.Consumer Decision-making Process:**

- Problem recognition: Recognizes the need for a service or product.
- Information search: Gathers information.
- Evaluation of alternatives: Weighs choices against comparable alternative.
- Purchase decision: Makes actual purchase.
- Post-purchase Behaviour: Makes actual purchase.

#### **4.Factors affecting Consumer Behaviour:**

- Cultural: They affect consumer behaviour by shaping values, norms, preferences, and decision-making patterns within a society.
- Social: They influence consumer behaviour by shaping their purchasing decision based on interactions with family, friends, and social groups.
- Personal: Individual preferences, lifestyle, and demographics impact consumer behaviour.
- Psychological: They include perceptions, motivations, and attitudes that influences consumer behaviour.

## **5.Role of Branding in Consumer Behaviour:**

- Brands as Decision Simplifiers: Brands simplify decisions by offering recognizable signals of quality and trust.
- Emotional Connection and Brand Loyalty: Emotional connection builds brand loyalty by fostering a strong, positive bond, leading to repeat purchases.
- Influence on purchase Decision: By providing familiarity, trust, and perceived value it guides consumers to choose products associated with a recognized and preferred brand.

## **6. Branding strategies to influence consumer behaviour:**

- Consistency across marketing channels: Consistency across marketing channels reinforces brand identity, builds trust, and enhances strategies to influence consumer behaviour.
- Unique Selling Proposition (USP): It provides a distinct and compelling reason for consumers to choose a product or service, setting it apart from competitors.
- Storytelling and Emotional appeal: Storytelling and emotional appeal enhance strategies by creating memorable and relatable experiences, fostering brand loyalty and positive perceptions.

## **7. Consumer Behaviour In Digital Age:**

- Online reviews and social media influence: Consumers often turn to online reviews to research products or services before making a purchase decision. Positive reviews can lead to product discovery, while negative reviews may deter potential buyers.
- E-commerce and brand perception: A well-designed and user-friendly e-commerce website contributes to a positive brand perception. Consumers often associate a smooth and intuitive online shopping experience with a reputable and trustworthy brand.
- Personalisation and targeted marketing: Personalization improves the overall customer experience by delivering content, recommendations, and promotions that are



specifically relevant to individual preferences and targeted marketing campaigns are more likely to capture the attention of consumers.

#### **8.Branding Challenges In The Digital Era:**

**•Information Overload:** It can lead to consumer scepticism, as individuals become more discerning about the authenticity and reliability of brand messages.

**•Shorter Attention Spans:** With an abundance of information available, consumers have shorter attention spans, making it difficult for brands to capture and maintain attention.

**•Maintaining Consistency Across Platforms:** Users are often bombarded with notifications, emails, and other distractions, diverting their attention from branded content.

### **5. Conclusion**

Hence, I can conclude with the note that we have understood from the activities and interaction by Mr. Debasis Sahoo on the Branding and Consumer Behaviour where we have come across the various strategies to influence consumer behaviour towards a product in the Digital Era. Various Case studies and different advertisements were played which have been very interactive to capture the gist of the program. Importance of understanding the relationship between Branding and Consumer Behaviour in the 21st century.

# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

BBA <del>MBA</del> 1st year			
Sr.	Student	Roll No	Signature of Students
1	SHREYAN BHARADWAJ	230409120001	Shreyan Bharadwaj
2	ABHISHEK KUMAR SINGH	230409120002	Abhishek Kumar Singh
3	SAKSHI SUMAN	230409120003	Sakshi Suman
4	AYUSH KUMAR SAHOO	230409120004	Ayush K. Sahoo
5	SUJAL BOSE	230409120005	
6	ROSHAN PUROHIT	230409120006	Rohan Purohit
7	DEBARATI SAHU	230409120007	Debarati Sahu
8	ANAND SINGH	230409120008	Anand Singh
9	PRABIN KUMAR MAHATO	230409120009	
10	SRILAL KISKU	230409120010	Srilal Kisku
11	MANISH PRAJAPATI	230409120011	
12	SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13	RUPESH KUMAR	230409120013	Rupesh Kumar
14	ROSHBIN GABRIEL	230409120014	Rashbin Gabriel
15	DIBYA SINGHA PANDA	230409120015	Dibya Singha Panda
16	T. PRANITH	230409120016	T. Pranith
17	M. VARUN KUMAR	230409120017	M. Varun
18	ROHIT SHARMA	230409120018	Rohit Sharma
19	MALAYA KUMAR PALTASINGH	230409120019	
20	SARVISITTI SAI TARUN	230409120020	
21	CHANDNI	230409120021	
22	P. MOULIKA	230409120022	
23	S. KUSUMA	230409120023	
24	MIR INJAMUL HAQUE	230409120024	
25	HEMANTH KUMAR	230409120025	
26	HIMANSHU KUMAR SONI	230409120026	Himanshu K. Soni

27	NIKHIL KUMAR	230409120027	Nikhil Kumar
28	AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29	BISWABRATA CHANDA	230409120029	
30	S HEMANT KUMAR	230409120030	
31	SIPUN NAYAK	230409120031	Sipun Nayak (Present)
32	PRAYASH SWAIN	230409120032	
33	SIBANI PRASAD NAYAK	230409120033	
34	SHREYA DEBNATH	230409120034	Shreya Debnath
35	AVIK MANDAL	230409120035	Shreya Debnath, Avik Mandal
36	ALISHA BECK	230409120036	Alisha Beck
37	BHAGYASHREE DAS	230409120037	
38	V. PADMINI RAO	230409120038	
39	ANUPAM PATTANAYAK	230409120039	Anupam Pattanayak
40	RUTUPRASAN JENA	230409120040	Rutuprasan Jena
41	SUNANDA NAYAK	230409120041	Rutuprasan Jena
42	ARITRA DAS	230409120042	Aritra Das
43	RAJASHREE JAGADEV	230409120043	
44	MANMEET KOUR	230409120044	Manmeet Kour
45	BARUAKSHEE PATRA	230409120045	
46	ANIRBAN BESRA	230409120046	Anirban Besra
47	AKRUTI TRIPATHY	230409120047	
48	ARGHYA ADHIKARY	230409120048	Arghya Adhikary
49	ANUKSHYA CHOWDHURY	230409120049	Anukshya Chowdhury
50	PREMIJT SINGH	230409120050	Premjit Singh
51	NIRAL BALMUCHU	230409120051	Niral Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SNEHA OREYA	230409120053	
54	BISWAJEET SAHOO	230409120054	Biswa
55	PRATYUSH RANJAN SAHU	230409120055	Pratyush Ranjan Sahu
56	SAGAR NAYAK	230409120056	
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	Satish Kumar Mohanty
59	KUSHAL KUMAR DOL	230409120059	Kushal Kumar Dol
60	TOMOHNA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	
62	DEEBYASA PARIDA	230409120062	
63	DEBASMITA PRAHARAJ	230409120063	Debasmita Praharaj
64	SUBHAM SINGH	230409120064	Subham Singh
65	SANCHITA PANDA	230409120065	

66	MITALI MADHUSMITA	230409120066	
67	IVASMITA PARIDA	230409120067	
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Nafiah Egbal
70	SURYASNATA ROUT	230409120070	Suryasnata Rout
71	NEHA KUMARI	230409120071	Neha Kumari
72	KUMARI SANYA	230409120072	Kumari Sanya
73	DEBASIS RANA	230409120073	
74	ARUSHI SINGH	230409120074	
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	V. Uday Kiran Achari
78	ABHIJEET BARIK	230409120078	
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHANA AFRIEN	230409120086	
87	ABHISHEK PAHANTA SINGH	230409120087	
88	D PREM KUMAR	230409120088	D. Prem Kumar
89	ADITYA PRASAD PATI	230409120089	Aditya Prasad Pati
90	B.SAKCHI	230409120090	
91	ROSHAN KUMAR	230409120091	<del>Roshan</del>
92	AKSHAY MAZUMDER	230409120092	
93	PRASANT KUMAR NAYAK	230409120093	
94	ALOK PRABHUPADA JENA	230409120094	Alok prabhupada Jena
95	ROHAN KANDULNA	230409120095	Rohan. kandulna
96	ARCHI VERMA	230409120096	
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar
102	ANITA RANI MOHANTA	230409120102	



# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

BMS 1st year			
Sr.	Student	Roll No	Signature of Students
1	ROHAN PATI	230422100001	Rohan Pati
2	SWAPNA PATAJOSHİ	230422100002	Swapna Patajosh
3	SAISHREE SUBHADARSHINI	230422100003	Saishree Subhadarshini
4	SHYAMAK VAIBHAV DAS	230422100004	Shyamak Vaibhav Das
5	SUBHASHREE SUBHADARSHINI	230422100005	Subhashree Subhadarshini
6	SUSRI PRANGYA DAS	230422100006	Susri Prangya Das
7	PRIYADARSHINI RAUTARAY	230422100007	Priyadarshini Rautaray
8	DIPTIMAYEE SUBUDHI	230422100008	Diptimayee Subudhi
9	ITYASHA PRIYADARSHINI	230422100009	Ityasha Priyadarshini
10	DIBYA RANJAN BEHERA	230422100010	Dibya Ranjan Behera
11	ARPITA MOHAPATRA	230422100011	Arpita Mohapatra
12	SAMIKHYA NAYAK	230422100012	Samikhya Nayak
13	SAUBHAGYA RANJAN SAHOO	230422100013	Saubhagya Ranjan Sahoo
14	AKASH KUMAR DUBEY	230422100014	Akash Kumar Dubey
15	AREEBA ASLAM	230422100015	Areeba Aslam
16	NIKHIL KUMAR	230422100016	Nikhil Kumar
17	PATITAPABANA OJHA	230422100017	Patitapabana Ojha
18	SOMYA RANJAN SAHOO	230422100018	Somya Ranjan Sahoo
19	SILALIPI HARICHANDAN	230422100019	Silalipi Harichandan
20	AESHA OJHA	230422100020	Aesha Ojha
21	ASIT KUMAR JENA	230422100021	Asit Kumar Jena
22	P.M. RASHMI RANJAN BISWAL	230422100022	P.M. Rashmi Ranjan Biswal
23	PABITRA PATRA	230422100023	Pabitra Patra
24	SAI JYOTI SAHU	230422100024	Sai Jyoti Sahu

# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

Sr.	Student	BCOM 1st year	
		Roll No	Signature of Students
1	DIYA GUPTA	230415140001	
2	ADITYA KUMAR SAHOO	230415140002	Aditya Kumar Sahoo
3	DHIREN SAMAL	230415140003	
4	MOUSUMI MONALISHA	230415140004	Mousumi monalisha
5	OM PRASAD PANDA	230415140005	
6	SHREYA KANDHWAY	230415140006	
7	JYOTIRMAYEE SAHOO	230415140007	
8	YOGESH KUMAR NAYAK	230415140008	
9	SIVA SUNDAR SAHU	230415140009	
10	RAHUL PRADHAN	230415140010	
11	MITHILESH KUMAR NATH	230415140011	
12	PRERNA SINGH	230415140012	
13	BABLY DUSAD	230415140013	
14	PRATYUSH DAS	230415140014	
15	AMIT KUMAR PALTASINGH	230415140015	
16	ANURADHA CHOUDHARY	230415140016	Anuradha Choudhary
17	DIBYAJYOTI BOITY	230415140017	
18	B ADITYA PATTHNAIK	230415140018	B- Aditya p-Pathnaik
19	BIDYOTTAM SARANGI	230415140019	Bidyottam Sarangi
20	ABHIPSA SAHU	230415140020	
21	BARSHA RANI BEHERA	230415140021	
22	SNEHA JAISWAL	230415140022	
23	PUJALIN SAHOO	230415140023	
24	HARSHRAJ MALLIK	230415140024	
25	YASH CHAUHAN	230415140025	
26	SUNITA NAYAK	230415140026	
27	MOULI MAHANTA	230415140027	
28	BIBHU PRASAD NATH	230415140028	
29	LIPAN PATEL	230415140029	Lipon Patel
30	MUKESH KUMAR MAJHI	230415140030	
31	SWAROOPA SAGAR	230415140031	
32	MADHUSMITA MISHRA	230415140032	
33	VIJAYLAXMI YADAV	230415140033	

# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

MBA 1st year			
Sr.	Student	Roll No	Signature of Students
1	PRIYANSHU DAS	230402100001	Priyanshu Das
2	DARSHAN RANJAN MOHANTY	230402100002	Darshan Ranjan Mohanty
3	ALOK KUMAR TRIPATHY	230402100003	
4	SANDIP KUMAR SAHOO	230402100004	Sandip K. Sahoo
5	BIGHNESH PANDA	230402100005	Bighnesh Panda
6	NEELAM KAUR	230402100006	
7	SATYA PRAKASH DHAL	230402100007	
8	SUPRIT KUMARI BHUYAN	230402100008	Suprit Kumari Bhuyan
9	SK. MOHAMMED SAJID ALI	230402100009	
10	UDIT NARAYAN SARANGI	230402100010	
11	PRIYANKA SAHOO	230402100011	
12	ASHISH KUMAR PANDA	230402100012	Ashish K. Panda
13	AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14	RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15	SIDHASHREE PRADHAN	230402100015	Sidhashree Pradhan
16	MADHUMITA NANDY	230402100016	
17	PRANGYA SARANGI	230402100017	Prangya Sarangi
18	SASWAT MOHANTY	230402100018	Saswat Mohanty
19	POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20	PRERANA PRIYADARSHINI PR	230402100020	Prerana Priyadarshini Pradhan
21	SUDIPTA BARIK	230402100021	
22	TUSHAR KUMAR PANI	230402100022	Tushar Kumar Pani
23	BAREN KUMAR SAHOO	230402100023	Baren K. Sahoo
24	SIBASONI DEVI	230402100024	Sibasoni Devi
25	SMRUTILEKHA SAHOO	230402100025	Smrutilekha Sahoo
26	ABINASH PARIDA	230402100026	Abinash Parida



27	KANHA SAHOO	230402100027	
28	PRAMODA KUMAR SENAPATI	230402100028	
29	ASMAN SUNDARA	230402100029	
30	ARPAN KUMAR PATTNAIK	230402100030	
31	LOSAN KUMAR SAHOO	230402100031	
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	Myadarshee Parida
34	AVIPSA PATRA	230402100034	
35	RAMIYA PANDA	230402100035	Ramya Panda
36	ALLURI MADHAVI	230402100036	A. madhavi
37	SUBHASMITA SAHOO	230402100037	Subhasmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi pal
39	SOUMYA RANJAN MATAGAISS	230402100039	
40	RITESH RANJAN SHARMA	230402100040	Ritesh Ranjan Sharma
41	PRIYANKA PRIYADARSINI MIS	230402100041	Priyanka P. Mishra
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	pravasini Barik
44	CHINMAYEE SAHOO	230402100044	
45	TRUPTI BEHERA	230402100045	
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SOUBHAGYALAXMI DALAI	230402100047	
48	KUNAL DAS	230402100048	Soubhagya Laxmi Dalai
49	MONALISA PRIYADARSHINI	230402100049	
50	HARSH DEEP KUMAR	230402100050	Harsh Kumar
51	SUBHRASNIGDHA MOHAPATRA	230402100051	
52	SANTANU KUMAR SAHOO	230402100052	
53	ASHUTOSH DAS	230402100053	
54	G SUMAN REDDY	230402100054	G. Suman Reddy
55	SUBRAT KUMAR PANDA	230402100055	
56	ARUN SETHI	230402100056	Arun sethi
57	MITA RANI SAHU	230402100057	Mita rani sahu
58	ASURI SUDESH	230402100058	Asuri Sudesh
59	SACHIN AHWAN BEHERA	230402100059	Sachin Ahawan Behera
60	KUMAR GOURABA PARIDA	230402100060	Kumar Gouraba Parida
61	RINKY RAJAK	230402100061	R Rinku
62	PRITAM JENA	230402100062	Pritam jena
63	GYANA RANJAN PRUSETH	230402100063	Gyana Ranjan Pruseth
64	ASHOK KUMAR JENA	230402100064	Ashok Kumar Jena
65	SWEETY MEHER	230402100065	Sweety Meher





**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**A report on  
Business Innovation**

Name of the event	Workshop on Business Innovation
Date of the event	07-03-2024
Name of coordinator	Swetalina Mishra
No. of attendees	30
Mode	In-person (offline)



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE

**4** QUALITY  
EDUCATION

## WORKSHOP ON BUSINESS INNOVATION



**TIME: 11.00 AM**  
**VENUE: HALL NO 6**  
**ARYABHATTA BUILDING**



**Mr. Rajen Padhi**  
Commercial Director  
B One Business House Pvt  
Ltd

**MARCH 7, 2024**

**CENTER FOR COMMERCIALIZATION OF  
INNOVATION AND ENTREPRENEURS**

## **Introduction**

The School of Management in association with Centre for Commercialization of Innovation and Entrepreneurs organised a workshop on “Business Innovation” on 7<sup>th</sup> March 2024. Mr.Rajen Padhi, Commercial Director- B One Business House Pvt.Ltd was invited to be the resource person. The students of MBA programme were the intended participants for the same.

## **Keynote**

The workshop began with a welcome address by Dr.Swetalina Mishra, Assistant Professor, School of Management. Prof DN Rao- Vice President, Centurion University of Technology and Management addressed the student participants and welcomed the Resource Person. Mr.Rajen Padhi provided an overview of the importance of innovation and entrepreneurship in today's world. He encouraged students to understand the importance of innovation and entrepreneurship in the light of economic growth and job creation. He also highlighted the challenges that entrepreneurs face and the importance of developing resilience and perseverance.

## **Activities and Interaction**

The workshop was highly engaging and interactive. Mr.Padhi shared his experience of being a highly successful entrepreneurs. He also provided insights into the entrepreneurial mindset, such as being proactive, taking calculated risks and being open to learning and feedback.

The workshop also included guidance and mentoring support to participants on pursuing careers in innovation and entrepreneurship. He discussed with students about new ideas for starting a new business and also provided information on various funding opportunities available for entrepreneurs.

## **Learning Outcomes**

The workshop provided a new hope and confidence to participants with a valuable learning experience. Participants were able to gain insights into the importance of innovation and entrepreneurship and the skills required to succeed in these fields. The interactive session was highly impactful for students who had some great ideas to start a business.

## Conclusion

The workshop on “Business Innovation” was a great success and it achieved its intended purpose of providing participants with an understanding of the importance of entrepreneurship. Student participants were highly motivated by the interactive session.





Attendance:

Workshop on Business Innovation, Resources Person: Mr. Rajen Padhi,					
Date: 07.03.2024					
School of Management					
SL	NAME	REG. NO	BRANCH	SEM	SIGN.
1	Rajesh Dubey	230409120023	BBA	4th	Rajesh
2	Anshu Adhikari	230409120048	BBA	2nd	Anshu
3	Monika Sharma	230409120085	BBA	2nd	Monika
4	Shreya Ghosh	230409120015	BMS	2nd	Shreya
5	Aryasha Mohanty	210409120051	BBA	6th	Aryasha
6	Shreya Mohanty	210409120095	BBA	2nd	Shreya
7	Shreya Ghosh	230409120010	BBA	4th	Shreya
8	Shreya Deb Nath	230409120034	BBA	2nd	Shreya
9	Anshu K. Sahoo	230409120056	BBA	2nd	Anshu
10	Nikhil Jaiswal	230409120052	BBA	2nd	Nikhil
11	Ritesh R. Sharma	230402100046	MBA	1st	Ritesh
12	Purnima Jaiswal	230402100070	MBA	1st	Purnima
13	Akshita Tripathi	230402100019	MBA	1st	Akshita
14	Rajeshree Pattnaik	230402100014	MBA	1st	Rajeshree
15	Arpita Mohapatra	230402100012	BMS	2nd	Arpita
16	Suman Reddy	230402100054	MBA	1st	Suman
17	Anu Setti	230402100056	MBA	1st	Anu
18	Deepak Kumar	230409120101	BBA	1st	Deepak
19	Prangya Samant	230402100017	MBA	1st	Prangya
20	Rubhalaxmi Pal	230402100038	MBA	1st	Rubhalaxmi
21	Pooja Priya Mohanty	230402100040	MBA	1st	Pooja
22	Diptadashree Parida	230402100022	MBA	1st	Diptadashree
23	Dakshita Pradhan	230409120063	BBA	1st	Dakshita
24	Sanjibesh Chatterjee	210409120017	BBA	2nd	Sanjibesh
25	Gonam Bharti	230409120034	BBA	2nd	Gonam
26	Neha Kumari	71	71	71	Neha
27	Madhuri Rao	78	78	78	Madhuri
28	Sanya Kumari	72	72	72	Sanya
29	B. S. S. S. S.	71	71	71	B. S. S. S.
30	B. S. S. S. S.	90	90	90	B. S. S. S.
31	Indira Prasad	67	67	67	Indira
32	Arshi Meena	96	96	96	Arshi
33	Mohaprabhu Prada	230409120094	BBA	2nd	Mohaprabhu
34					
35					
36					
37					
38					
39					
40					
41					







**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of workshop on Business Standard”**

Name of the event	
Date of the event	16/09/2023
Name of coordinator	Dr. Deepti Mishra
No. of attendees	
Mode	Offline

Say Hi  
to your new  
campus buddy



**BS**mart

### Your Ultimate B-School Companion

A study buddy for students | An assistant to professors | An enabler for the college administration



#### Students

- News
- Quizzes
- Case Studies
- Interview Tips
- Polls
- Business Jargons
- Leadership Videos
- Resume Tips



#### Professors

- Student Progress Tracking Dashboard
- Seamless Content Upload
- Teaching Support Content



#### Admins

- Comprehensive CMS System
- Cross Platform Availability:  

- Secure AWS Cloud Hosting

Duration	Cover Price	Offer Price
12 Months	₹750/-	₹650/-
*Includes complimentary access to Business Standard Premium App worth ₹1799/-		

**Business Standard**  
Insight Out

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Activities and Interaction**
- 4. Learning Outcomes**
- 5. Conclusions**

### **1. Introduction**



Business Standard is an Indian English- language daily edition newspaper published by Business Standard Private Limited. It was founded in 1975, the newspaper covers the Indian economy, infrastructure , international business and trade, stock and currency markets, corporate governance and a range of other financial news, opinions and insights.

Business Standard is India's leading business daily and the preferred choice of serious business readers. It is published from 12 centres- New Delhi, Mumbai, Kolkata, Bengaluru, Chennai, Ahmedabad, Hyderabad, Chandigarh, Pune, Kochi and Bhubaneswar. [www.business-standard.com](http://www.business-standard.com) ,the online property of Business Standard attracts over 15 million unique visitors every month.

## **2. Key Note**

Significance of reading business newspaper, business standard, importance of business standard, BSmart app, procedures to log in, ways app will help students, professors and admins.

## **3. Activities and Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by activities like:

- Simple presentation slides
- Brain storming and mapping by asking questions
- Studying cases / Case study
- Role play
- Questions discussion

## **4. Learning Outcomes**

### **1. Significance of reading business newspaper**

- It tracks, record, analyses and interprets the business economic and financial activities and changes that takes place in societies.
- Keeps us abreast about all the latest trends, and development in every arena.

### **2. Business Standard**

It was founded in 1975. The newspaper covers the Indian economy, infrastructure, international business and trade, stock and currency markets, corporate governance and a range of other financial news, opinions and insights.

### **3. Importance of Business Standard**

- Business Standard newspaper offers holistic and depth analysis and covers a wide section of news related to economy.
- It does not focus on a lot on presenting a mix of political, business, grapevine and forecasting content beyond reality.

### **4. BSmart:**

BSmart is a comprehensive platform to get daily business news, stock and share market news market updates. BSmart is a study buddy for students, an assistant to professors and an enabler for the college administration

The BSmart app offers a non-stop interactive solution to B-Schools/ Management schools students on the campus and in their everyday life, to engage, interact and enable management studies, use content to expand their knowledge, to find all the information and stay connected in real time. The BSmart users such as students and proffessors can leverage the app in communicating with each other and exchanging knowledge/course material and other useful information.

Features the app includes are :

**For Students:**

- News
- Leadership videos
- Quizzes
- Case studies
- Poll
- Business jargons
- Resume tips
- Interview tips

**For Professors:**

- Student Progress
- Tracking Dashboard
- Seamless Content Upload
- Teaching Support Content

**For Admins:**

- Comprehensive CMS System
- Cross Platform Availability
- Secure AWS Cloud Hosting

## **5 CONCLUSION:**

Hence, I can conclude with the note that we have understood from the activities and interaction by Sir. Manoj Kumar Mahapatra on the Business Standard. Where we came across the significance of reading business newspaper, importance of business standard newspaper, all about BSmart app, procedures to log in and the importance of BSmart app in the life of students, professors and admin.



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**A report on  
Career Reality in Real Estate**

Name of the event	Career Reality in Real Estate
Date of the event	16 <sup>th</sup> March 2024
Name of coordinator	Dr. Swetalina Mishra
No. of attendees	147
Mode	In-person (offline)

**CENTURION UNIVERSITY OF TECHNOLOGY AND  
MANAGEMENT, BHUBANESWAR**

EXPERT TALK  
ON

# CAREER REALITY IN REAL ESTATE



**Swarup Jitu Mahapatra**  
(Founder, Orimark Properties)

 **DATE**  
16th March ,2024

 **TIME**  
10:00 AM – 12:00 NOON

 **VENUE**  
Hall no 6, Aryabhata Building

**Organized  
By**

**School of Management and  
Center for Commercialization of Innovation  
and Entrepreneurship**



## **Introduction**

The School of Management in association with Centre for Commercialization of Innovation and Entrepreneurs organised a workshop on “Career Reality in Real Estate” for students of Management programme. Mr.Swarup Jitu Mahapatra, Founder Orimark Properties was invited as the Resource Person for the workshop.

## **Keynote**

The workshop began with a welcome address by Dr.Swetalina Mishra, School of Management, CUTM. Prof Chinmaya Kumar Dash, Dean, School of Management addressed the student gathering and presented an overview of the possibilities and prospects of career in Real Estate Industry. Mr.Mahapatra addressed the young participants and interacted. He shared his journey of becoming successful entrepreneur and new career avenues for management graduates. He also put emphasize on skill set expected by the industry to sustain in Real Estate.

## **Activities and Interaction**

The workshop intended to create awareness among the mindset of management graduates which was the primary objective of the workshop. The workshop was highly interactive and engaging one.. Mr.Mahapatra shared practical tips and strategies for developing an interest to understand the real estate world and its operation. The workshop also carried the message of being aware of real estate business in detail. He shared information on various career paths related to real estate and the financial aspect of the job profiles.

## **Learning Outcomes**

The workshop provided participants with a valuable industry exposure experience. They were able to gain insights into the career paths and ladder to reach to high worth job profiles in real estate industry.

## **Conclusion**

The workshop was a great interactive and knowledge sharing session for management graduates and helped students to explore career opportunities in real estate world.



# School of Management

Att. Sheet

Expert Talk on Career Reality in Real Estate, Venue: Hall No. 6, Date:  
16.03.2024, Time: 10.00 AM to 12.00 PM  
Resource Person: Mr. Swarup Jitu Mahapatra  
(Founder Orimark Properties)

BBA_Sem_II		
Student	Roll No	Signature of Students
1 SHREYAN BHARADWAJ	230409120001	
2 ABHISHEK KUMAR SINGH	230409120002	
3 SAKSHI SUMAN	230409120003	Sakshi Suman
4 AYUSH KUMAR SAHOO	230409120004	Ayush kr. Sahoo
5 SUJAL BOSE	230409120005	
6 ROSHAN PUROHIT	230409120006	Roshan Purohit
7 DEBARATI SAHU	230409120007	Debarati Sahu
8 ANAND SINGH	230409120008	
9 PRABIN KUMAR MAHATO	230409120009	
10 SRILAL KISKU	230409120010	Srila Kisku
11 MANISH PRAJAPATI	230409120011	Manish Prajapati
12 SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13 RUPESH KUMAR	230409120013	
14 ROSHBIN GABRIEL	230409120014	
15 DIBYA SINGHA PANDA	230409120015	Dibya Singha Panda
16 T PRANITH	230409120016	
17 M VARUN KUMAR	230409120017	M Varun Kumar
18 ROHIT SHARMA	230409120018	
19 MALAYA KUMAR PALTASINGH	230409120019	Malaya Kumar Paltasingh
20 SARVISITTI SAI TARUN	230409120020	
21 CHANDNI	230409120021	
22 P. MOULIKA	230409120022	
23 S KUSUMA	230409120023	S. Kusuma
24 MIR INJAMUL HAQUE	230409120024	
25 HEMANTH KUMAR	230409120025	
26 HIMANSHU KUMAR SONI	230409120026	Himanshu Kumar Soni
27 NIKHIL KUMAR	230409120027	Nikhil Kumar
28 AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29 BISWABRATA CHANDA	230409120029	Biswabrata Chanda
30 S HEMANT KUMAR	230409120030	S. Hemant Kumar
31 SIPUN NAYAK	230409120031	Sipun Nayak
32 PRAYASH SWAIN	230409120032	Prayash Swain
33 SIBANI PRASAD NAYAK	230409120033	Sibani Prasad Nayak
34 SHREYA DEBNATH	230409120034	
35 AVIK MANDAL	230409120035	
36 ALISHA BECK	230409120036	Alisha Beck
37 BHAGYASHREE DAS	230409120037	
38 V. PADMINI RAO	230409120038	V. Padmini Rao
39 ANUPAM PATTANAYAK	230409120039	
40 RUTUPRASAN JENA	230409120040	Rutuprasan Jena
41 SUNANDA NAYAK	230409120041	
42 ARITRA DAS	230409120042	Aritra Das
43 RAJASHREE JAGADEV	230409120043	
44 MANMEET KOUR	230409120044	Manmeet Kour
45 BARIJAKSHEE PATRA	230409120045	
46 ANIRBAN BESRA	230409120046	
47 AKRUTI TRIPATHY	230409120047	Aakruti Tripathy



48	ARGHYA ADHIKARY	230409120048	Arghya Adhikary
49	ANUKSHYA CHOWDHURY	230409120049	
50	PREMIJIT SINGH	230409120050	
51	NIRAL BALMUCHU	230409120051	Nirala / Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SNEHA OREYA	230409120053	Sneha Oreya
54	BISWAJEET SAHOO	230409120054	Biswajeet Sahoo
55	PRATYUSH RANJAN SAHU	230409120055	
56	SAGAR NAYAK	230409120056	
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	
59	KUSHAL KUMAR DOL	230409120059	
60	TOMOHHNA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	Deebhaya Parida
62	DEEBHAYA PARIDA	230409120062	Debasmita Pradhan
63	DEBASMITA PRAHARAJ	230409120063	
64	SUBHAM SINGH	230409120064	Sanchita Panda
65	SANCHITA PANDA	230409120065	
66	MITALI MADHUSMITA	230409120066	Mitali Madhusmita
67	IVASMITA PARIDA	230409120067	Ivasmita Parida
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIH EQBAL	230409120069	Nafiah Egbal
70	SURYASNATA ROUT	230409120070	
71	NEHA KUMARI	230409120071	Neha Kumari
72	KUMARI SANYA	230409120072	Kumari Sanya
73	DEBASIS RANA	230409120073	
74	ARUSHI SINGH	230409120074	Arushi Singh
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	Vuday Kiran Achari
78	ABHJEET BARIK	230409120078	
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHAN AFRIN	230409120086	
87	ABHISHEK PAHANTA SINGH	230409120087	
88	D PREM KUMAR	230409120088	D Prem Kumar
89	ADITYA PRASAD PATI	230409120089	
90	B SAKCHI	230409120090	B Sakchi
91	ROSHAN KUMAR	230409120091	
92	AKSHAY MAZUMDER	230409120092	
93	PRASANT KUMAR NAYAK	230409120093	
94	ALOK PRABHUPADA JENA	230409120094	Alok prabhupada Jena
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	Archi Verma
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar
102	ANITA RANI MOHANTA	230409120102	



## School of Management

Att. Sheet

Expert Talk on Career Reality in Real Estate, Venue: Hall No. 6, Date:

16.03.2024, Time: 10.00 AM to 12.00 PM

Resource Person: Mr. Swarup Jitu Mahapatra

(Founder Orimark Properties)

MBA_Sem_II		
Student	Roll No	Signature of Students
1 PRIYANSHU DAS	230402100001	
2 DARSHAN RANJAN MOHANTY	230402100002	
3 ALOK KUMAR TRIPATHY	230402100003	
4 SANDIP KUMAR SAHOO	230402100004	
5 BIGHNESH PANDA	230402100005	Bighnesh Panda
6 NEELAM KAUR	230402100006	Neelam Kaur
7 SATYA PRAKASH DHAL	230402100007	Satya Prakash Dhal
8 SUPRIT KUMARI BHUYAN	230402100008	
9 SK. MOHAMMED SAJID ALI	230402100009	
10 UDIT NARAYAN SARANGI	230402100010	Udit Narayan Sarangi
11 PRIYANKA SAHOO	230402100011	
12 ASHISH KUMAR PANDA	230402100012	
13 AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14 RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15 SIDHASHREE PRADHAN	230402100015	
16 MADHUMITA NANDY	230402100016	
17 PRANGYA SARANGI	230402100017	Prangya Sarangi
18 SASWAT MOHANTY	230402100018	
19 POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20 PRERANA PRIYADARSHINI PR	230402100020	
21 SUDIPTA BARIK	230402100021	
22 TUSHAR KUMAR PANI	230402100022	Tushar Kumar Pani
23 BAREN KUMAR SAHOO	230402100023	Baren Kumar Sahoo
24 SIBASONI DEVI	230402100024	Sibasoni Devi
25 SMRUTILEKHA SAHOO	230402100025	
26 ABINASH PARIDA	230402100026	Abinash Parida

27	KANHA SAHOO	230402100027	Kanha Sahoo
28	PRAMODA KUMAR SENAPATI	230402100028	Pramoda Kumar Senapati
29	ASMAN SUNDARA	230402100029	Asman Sundara
30	ARPAN KUMAR PATTNAIK	230402100030	Arpan Kumar Pattnaik
31	LOSAN KUMAR SAHOO	230402100031	
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	Dibyadarshinee Parida
34	AVIPSA PATRA	230402100034	Avipsa Patra
35	RAMIYA PANDA	230402100035	Ramiya Panda
36	ALLURI MADHAVI	230402100036	Alluri Madhavi
37	SUBHASMITA SAHOO	230402100037	Subhasmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi Pal
39	SOURMYA RANJAN MATAGAISSI	230402100039	
40	RITESH RANJAN SHARMA	230402100040	Ritesh R. Sharma
41	PRIYANKA PRIYADARSINI MIS	230402100041	Priyanka P. Mishra
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	Pravasini Barik
44	CHINMAYEE SAHOO	230402100044	
45	TRUPTI BEHERA	230402100045	
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SOUBHAGYALAXMI DALAI	230402100047	
48	KUNAL DAS	230402100048	
49	MONALISA PRIYADARSHINI	230402100049	
50	HARSH DEEP KUMAR	230402100050	Harsh Deep Kumar
51	SUBHRASNIGDHA MOHAPATRA	230402100051	
52	SANTANU KUMAR SAHOO	230402100052	Santanu Kumar Sahoo
53	ASHUTOSH DAS	230402100053	
54	G SUMAN REDDY	230402100054	Suman Reddy
55	SUBRAT KUMAR PANDA	230402100055	
56	ARUN SETHI	230402100056	Arun Sethi
57	MITA RANI SAHU	230402100057	
58	ASURI SUDESH	230402100058	
59	SACHIN AHWAN BEHERA	230402100059	
60	KUMAR GOURABA PARIDA	230402100060	Kumar Gourab Parida
61	RINKY RAJAK	230402100061	Rinky Rajak
62	PRITAM JENA	230402100062	Pritam Jena
63	GYANA RANJAN PRUSETH	230402100063	Gyana Ranjan Pruseth
64	ASHOK KUMAR JENA	230402100064	Ashok Kumar Jena
65	SWEETY MEHER	230402100065	

Expert Talk

Student
1 DIYA GUPTA
2 ADITYA KUMAR
3 DHIREN SAM
4 MOUSUMI M
5 OM PRASAD
6 SHREYA KAN
7 JYOTIRMAYE
8 YOUNGESH K
9 SIVA SUNDA
10 RAHUL PRAE
11 MITHILESH
12 PRERNA SIN
13 BABLY DUSA
14 PRATYUSH
15 AMIT KUMAR
16 ANURADHA
17 DIBYAJYOTI
18 B ADITYA P
19 BIDYOTTAM
20 ABHIPSA S
21 BARSHA R
22 SNEHA JAI
23 PUJALIN S
24 HARSHRAJ
25 YASH CHA
26 SUNITA N
27 MOULI M
28 BIBHU PR
29 LIPAN PA
30 MUKESH
31 SWAROO
32 MADHUS
33 VIJAYLA



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of a talk on Fintech - The Future And Opportunities”**

Name of the event	Fintech - The Future And Opportunities
Date of the event	30/09/2023
Name of coordinator	Dr. Deepti Mishra
No. of attendees	
Mode	Offline



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)



**4  
QUALITY  
EDUCATION**

# A TALK ON

## FINTECH - THE FUTURE AND OPPORTUNITIES

**Guest Speaker**  
**Mr. Mohammad Majid Alli, Director, Cashfree**  
**Alumnus Of SOM, CUTM**

**AT MARITIME BUILDING HALL, CUTM BBSR**  
**ON 30TH SEPTEMBER, 2023 , 02.00 PM**  
**Coordinated by Dr. Deepti Mishra**

**SCHOOL OF MANAGEMENT**  
**CENTRE OF GOVERNANCE AND SUSTAINABLE SOCIETY**  
**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, BHUBANESWAR**



Traditional process of...  
the financial inclusion and opti...

## Contents

- **Introduction**
- **Keynote**
- **Activities and Interaction**
- **Learning Outcomes**
- **Conclusion**





## **1. Introduction**

It is the technology that improves and automates the delivery and use of financial services. The future of fintech is brimming with opportunities, as it continues to democratize finance by offering accessible, efficient, and cost-effective solutions to individuals and businesses. From digital banking and peer-to-peer lending to cryptocurrency and robo-advisors, fintech is revolutionizing how we save, invest, pay, and manage our money.

Fintech, short for Financial Technology, represents the cutting-edge fusion of finance and technology that is revolutionizing the way we manage and access financial services. This innovative industry leverages digital solutions to streamline and enhance the delivery of financial products and services, ranging from payments and lending to investments and insurance. Fintech disrupts traditional financial institutions by harnessing automation, data analytics, and artificial intelligence to offer more efficient, convenient, and personalized solutions to consumers and businesses. As we look to the future, fintech promises an array of opportunities, including greater financial inclusion, reduced costs, enhanced security, and improved accessibility to a wide range of financial products. Its transformative potential continues to reshape the financial landscape, offering a glimpse into a more interconnected and technologically advanced financial ecosystem.

## **2. Key Note**

Disrupts Traditional Process, Financial Inclusion, Pillars of Fintech, Business Fintech Ecosystem, Fintech Universe, Payment Modes, How payment Works.

## **3. Activities and Interaction**

The design of this talk is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The talk in this session was done by activities like:

- Simple presentation slides
- Brain storming and mapping by asking questions
- Studying cases

- Questions discussion

#### **4. Learning Outcomes**

1. Fintech or we can say Financial Technology is
  - Facilitates the financial inclusion and optimizes the operation cost.
  - It disrupts the traditional process of operations.
  - It not only refines the end result, but also simplifies the user journey.
2. The pillars of Fintech are
  - Innovation at it's come- unlock new lesser cases through first to market.
  - Tech first- Reliable, scalable and secure
  - Customer obsession – customer first solution to unlock speed and convenience.
3. Current Business Fintech Ecosystem are
  - Treasury
  - Lending
  - Receivable
  - Payables – Payroll, Vendor Management, Expense Management, Accounting tools
4. Fintech Universe are
  - Payments
  - Digital Banking
  - Investment tech and insure tech
  - P2P lending
  - Blockchain
5. Payment methods which typically running in Indian contexts are
  - Net banking
  - Debit card
  - Credit card
  - UPI
  - Wallet
  - Virtual Account
6. Challenges that are the Fintech industries facing
  - Because of these companies are start-ups, therefore no company is profitable.
  - People are actually finding it very difficult now a days to get the funding.

- Value creation vs Valuation
- We have unicorns, which doesn't make a single rupee profit.
- Multiple regulators are having their eyes on Fintech.

## **5. Conclusion**

Hence, I can conclude with the note that we have understood from the talk by Mr. Mohammad Majil Alli, the industry grapples with challenges such as profitability concerns for startups, funding difficulties, and the delicate balance between value creation and valuation. Regulatory monitoring adds to the complexity. In spite of impediments, Fintech stands as a symbol of advancement, containing extensive promise for the future of finance.



	Name	Regd. No	Signature of Students
1	AMIT KUMAR MALLA	220402100001	Amit Kumar Malla
2	AMISHA KAR	220402100002	
3	DEBASIS SAHOO	220402100003	Debasis Sahoo
4	ABHISEK BARIK	220402100004	Abhisek Barik
5	ROHAN SAHOO	220402100005	Rohan Sahoo
6	PIYUSH MAHAKUD	220402100006	
7	BIBEK MOHAPATRA	220402100007	Bibek Mohapatra
8	RAJESH KUMAR DAS	220402100008	Rajesh Kumar Das
9	SURJYANARAYAN PANIGRAHI	220402100009	Surjyanarayan Panigrahi
10	BIKASH DASH	220402100010	Bikash Dash
11	DIPTIRANJAN NAYAK	220402100011	
12	ASUTOSH SWAIN	220402100012	
13	SMARAK KUMAR BEHERA	220402100013	
14	SHIKSHA KUMARI	220402100014	Shiksha Kumari
15	MONALISHA PRADHAN	220402100015	
16	DEBASHIS MAHAPATRA	220402100016	Debashis Mahapatra
17	SAURAVA KUMAR DATTA	220402100017	Saurava Kumar Datta
18	SONALIKA SAHOO	220402100018	Sonalika Sahoo
19	SUVENDUSUBRATA KUMAR SWAIN	220402100019	
20	ANKITA PATTANAİK	220402100021	Ankita Pattanaik
21	G PALLAVI PRIYADARSHINI	220402100022	G Pallavi Priyadarshini
22	ADITYA MOHAN ACAHARYA	220402100023	Aditya Mohan Acharya
23	SUSHANTA KUMAR ROUT	220402100024	Sushanta K. Rout
24	AMAN KUMAR DHURIA	220402100025	Aman Kumar Dhuria
25	KISHOR ROUT	220402100026	Kishor Rout
26	PRAKASH SAHOO	220402100027	
27	ITISHREE SAHOO	220402100028	Itishree Sahoo
28	AYUSHEE MOHANTY	220402100029	
29	PRIYANKA ACHARYA	220402100030	Priyanka Acharya
30	ROHAN SAHOO	220402100031	
31	RAMESH DAS	220402100032	Ramesh Das
32	SUJAN SARKAR	220402100033	



33	SHIBAJIT DAS	220402100034	Subhashree Sahoo
34	SUBHASHREE SAHOO	220402100035	Ankita Behera
35	ANKITA BEHERA	220402100036	Aradhya Mundra
36	ARADHYA MUNDRA	220402100037	Priyabrata Mohanta
37	PRIYABRATA MOHANTA	220402100038	Simhadri Bhavana.
38	SIMHADRI BHAVANA	220402100039	
39	AYUSMAN PANIGRAHY	220402100040	
40	RAGHUNATH SENAPATI	220402100041	Raghunath Senapati
41	MOUSUMI DAS	220402100042	
42	ABHISEKH SETHY	220402100043	Abhisekh Sethy
43	SUBODH KUMAR MEHER	220402100044	Subodh Ku. Meher
44	TAPAS KUMAR NAYAK	220402100045	Tapas Ku. Nayak
45	THYADI TARUN	220402100046	
46	RAVI PAREEK	220402100048	Ravi Pareek
47	MOHAN DORA	220402100049	
48	JAGANNATH BARIK	220402100050	Jagannath Barik
49	ABHIJIT DAS	220402100051	Abhijit Das.
50	PATHRLAPALLI MOHAN	220402100053	
51	PRIYANKA PATI	220402100054	
52	BIKI MOHANTA	220402100055	
53	ANJALI KUMARI	220402100056	Biki Mohanta
54	SURAJ KUMAR PRASAD	220402100057	

## GLOBAL FINANCIAL MARKET



Resource Person- SAM PRIYADARSHI

Date – 21<sup>st</sup> August 2023

Venue- centurion University of Technology and Management

Target Audience- Students of School of Management

Mode – online (webinar)

Participants- Management students of all CUTM campuses

### RESOURCE PERSON:



### **SAM PRIYADARSHI**

Senior leader with 25 years of investment experience leading global teams for portfolio management, alpha generation, trading and hedging. Deep knowledge of markets, regulations, portfolio & trading systems. Industry subject matter expert in derivatives and fixed income market structure. Strong global relationships with dealers, asset managers, insurance companies, exchanges, industry associations, and regulators.

## **TOPICS DISCUSSED:**

### **ROLE OF FINANCIAL MARKETS IN THE GLOBAL ECONOMY**

#### **A. Why we have Financial Markets?**

##### **1. CAPITAL FORMATION**

Capital formation is the net capital accumulation during an accounting period for a particular country. The term refers to additions of capital goods, such as equipment, tools, transportation assets, and electricity.

Countries need capital goods to replace the older ones that are used to produce goods and services. If a country cannot replace capital goods as they reach the end of their useful lives, production declines. Generally, the higher the capital formation of an economy, the faster an economy can grow its aggregate income.

Producing more goods and services can lead to an increase in national income levels. To accumulate additional capital, a country needs to generate savings and investments from household savings or based on government policy. Countries with a high rate of household savings can accumulate funds to produce capital goods faster, and a government that runs a surplus can invest the surplus in capital goods.

## 2. RESOURCE ALLOCATION

Resource allocation is the process of assigning and managing assets in a manner that supports an organization's strategic planning goals.

Resource allocation includes managing tangible assets such as hardware to make the best use of softer assets such as human capital. Resource allocation involves balancing competing needs and priorities, and determining the best course of action to maximize the use of limited resources and get the best return on investment.

In practicing resource allocation, organizations must first establish their desired goal, such as increased revenue, improved productivity or better brand recognition. They then must assess what resources will be needed to reach that goal.

## 3. LIQUIDITY AND FLEXIBILITY

Liquidity provides financial flexibility. Having enough cash or easily tradable assets allows individuals and companies to respond quickly to unexpected expenses, emergencies or business opportunities. It allows them to balance their finances without being forced to sell long-term assets on unfavourable terms.

Financial flexibility refers to the capacity of a company to preserve its liquidity and supply cash against unexpected fluctuations that occur in an operational environment.

## 4. PERFORMANCE OF AN ECONOMY

The markets make it easy for buyers and sellers to trade their financial holdings. Financial markets create securities products that provide a return for those who have excess funds (Investors/lenders) and make these funds available to those who need additional money (borrowers).

### B. Different types of Finance

#### 1. PERSONAL FINANCE

Personal finance is a term that covers managing your money as well as saving and investing. It encompasses budgeting, banking, insurance, mortgages, investments, and retirement, tax, and estate planning. The term often refers to the entire industry that provides financial services to individuals and households and advises them about financial and investment opportunities.

## 2. BANKING

two types of banks—retail banks and investment banks.

- Retail banks typically manage withdrawals and deposits as well as supply short-term loans to individuals and small businesses.
- Investment banks focus on providing corporate clients with services such as underwriting and assisting with merger and acquisition (M&A) activity.

## 3. INSURANCE

Insurance is a means of protection from financial loss in which, in exchange for a fee, a party agrees to compensate another party in the event of a certain loss, damage, or injury. It is a form of risk management, primarily used to hedge against the risk of a contingent or uncertain loss

## 4 CAPITAL MARKETS

Capital markets are financial markets that bring buyers and sellers together to trade stocks, bonds, currencies, and other financial assets. Capital markets include the stock market and the bond market. They help people with ideas become entrepreneurs and help small businesses grow into big companies.

**Importance of Capital Markets:** Capital markets allow traders to buy and sell stocks and bonds, and enable businesses to raise financial capital to grow. Businesses also have reduced risk and expenses in acquiring financial capital because they have reliable markets where they can obtain funding

## 5. STOCK MARKET

The term stock market refers to several exchanges in which shares of publicly held companies are bought and sold. Such financial activities are conducted through formal exchanges and via over-the-counter (OTC) marketplaces that operate under a defined set of regulations.

Both “stock market” and “stock exchange” are often used interchangeably. Traders in the stock market buy or sell shares on one or more of the stock exchanges that are part of the overall stock market

## 6. BOND MARKETS

The bond market is often referred to as the debt market, fixed-income market, or credit market. It is the collective name given to all trades and issues of debt securities. Governments issue bonds to raise capital to pay debts or fund infrastructural improvements. Publicly traded companies issue bonds to finance business expansion projects or maintain ongoing operations.

**“Stocks and bonds do not exist physically. Its just all digital entries”**

## 7. FOREIGN EXCHANGE MARKETS

The foreign exchange market (also known as forex, FX, or the currencies market) is an over-the-counter (OTC) global marketplace that determines the exchange rate for currencies around the world. Participants in these markets can buy, sell, exchange, and speculate on the relative exchange rates of various currency pairs.



Foreign exchange markets are made up of banks, forex dealers, commercial companies, central banks, investment management firms, hedge funds, retail forex dealers, and investors.

## 8. DERIVATIVES MARKET

Derivatives market is the financial market for derivatives which are a group of products including futures and options whose value is derived from and/or is dependent on the value of a different underlying asset such as commodities, currency, securities etc.

### C. Who are the market participants?

- Individual investors
- Institutional investors
- Insurance Companies
- Corporations
- Banks
- Intermediaries

### D. Investment Strategies

The term investment strategy refers to a set of principles designed to help an individual investor achieve their financial and investment goals. This plan is what guides an investor's decisions based on goals, risk tolerance, and future needs for capital.

They can vary from conservative (where they follow a low-risk strategy where the focus is on wealth protection) while others are highly aggressive (seeking rapid growth by focusing on capital appreciation).

Investors can use their strategies to formulate their own portfolios or do so through a financial professional. Strategies aren't static, which means they need to be reviewed periodically as circumstances change

### E. Global Economic Factors

The outlook identified five key factors influencing the global economy. The critical issues include high inflation, low economic growth, a robust labor market, geopolitical tension and price shocks for energy and commodities

### F. Market efficiency, risks and returns

In an efficient market, the expected returns from any investment will be consistent with the risk of that investment over the long term, though there may be deviations from these expected returns in the short term.

### G. Financial Crimes

Financial crime is a broad term used to describe criminal activities that involve money or other financial resources. It refers to any illegal activity that involves the use of financial systems, institutions, or instruments for illicit purposes, typically with the goal of generating profits for the perpetrators.

## H. Future of Global Financial Market

The global financial system is undergoing several simultaneous transformations. Digitalization and democratizations are reshaping how capital markets operate. Both investors and corporate issuers have changing needs and expectations, and a range of new actors are joining traditional financial institutions to meet this demand. There are many other systemic issues that pose a risk to global financial stability, heightened by the recent market downturn. The World Economic Forum's Future of Capital Markets Initiative explores how institutions across the capital markets ecosystem can improve trust amid these market shifts and transformations.

There are some emerging new markets such as ethical and green finance which could be destined to play an important role in the future, but it is too early to assess their future importance. This depends crucially on future innovations, which are closely linked to regulation.

  
**Centurion UNIVERSITY**  
*Shaping Lives... Empowering Communities...*

**SCHOOL OF MANAGEMENT**

  
**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of Education Initiative)

**Workshop on**

**GLOBAL FINANCIAL MARKET**

 **21<sup>st</sup> August 2023 @ 05:30 PM**

  
**16** PEACE, JUSTICE AND STRONG INSTITUTIONS

**Organised by:**  
Centurion University of Technology and Management  
Center for Governance and Sustainable Societies (CGSS)



**Resource Person**  
**Sam Priyadarshi**  
Ex. Principal, Global Head of Portfolio Risk and Derivatives at Vanguard

**Faculty Coordinator:**  
— Babu Shankar  
— Dr. Deepti Mishra

**Join Zoom Meeting:**  
<https://us02web.zoom.us/j/84100248326?pwd=ckFEaWZ6UXRaUUUwTzJhdzJPa0ZlQT09>

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

# School of Management

## Attendance Sheet

Title: Global Financial Market

Sl	Name	Regd. No	Signature of Students
1	Rajkishore panda	240301120273	Rajkishore panda
2	Hitesh Barik	11 281	Hitesh Barik
3	Subham Das	282	Subham Das
4	Aman Pradhan	240301120278	Aman Pradhan
5	manojyoti Boro	11 286	Manojyoti Boro
6	Santosh Kumar Das	240301120270	Santosh Das
7	Jayankanti Sahu	240301120270	Jayankanti Sahu
8	Subham Sahu	240301120295	Subham Sahu
9	Shreeram Pradhan	240301120294	Shreeram Pradhan
10	Arabinda Sahoo	240301120286	Arabinda Sahoo
11	Subhat Kumar Sena	240301120300	Subhat Kumar Sena
12	Om mahanara	11 274	Om mahanara
13	Diumohapatra	240301120291	Diumohapatra
14	Yash Ray	240301160012	Yash Ray
15	Amit Das	240301120297	Amit Das
16	Manoranjan Kunduli	240301120316	M. Kunduli
17	Debyajyoti Das	240301120307	D. Das
18	Subham Parida	240301160011	S. Parida
19	Swaprajit Samal	240301160020	Swaprajit Samal
20	Krishna Munda	240301160017	K. Munda
21	Sara Sarwat Dangua	240301160016	S. Dangua
22	Ankit Raj Sakroo	240301120293	A. Sakroo
23	Debasish Pradhan	240301120298	D. Pradhan
24	Arkit Kumar Mohanty	245701180029	Arkit
25	Gourdeepal Mohanty	240301120206	Gourdeepal
26	Supriya Ranandini	240301120297	Supriya
27	Smriti Mohapatra	240301120272	Smriti
28	Om Prakash Bhoi	240301120270	Om
29	Balibisai Brarath Kumar	240301120314	B. Brarath
30	Priyabrata Sahoo	240301120284	Priyabrata
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			





# A Report On

## Health, Safety and Social Security

### Focusing on Students, Staff and Faculty Members

20<sup>th</sup> January 2024 (Saturday) from 10 AM to 5 PM

#### Joint Organizers

Centurion University of Technology and Management (CUTM), Odisha  
&  
Indo German Focal Point (IGFP), India



#### Conveners

**Prof. (Dr.) Chinmaya Kumar Dash**

Dean

School of Management

Mobile No. 9874271899

Email: [chinmayakumar.dash@cutm.ac.in](mailto:chinmayakumar.dash@cutm.ac.in)

**Dr. Ansuman Jena**

Dean, School of Undergraduate Studies

Director, Center for Internal Quality Assurance

Mobile No. 9040209907

Email: [ansuman.jena@cutm.ac.in](mailto:ansuman.jena@cutm.ac.in)

## Section-1: About the Seminar

### 1.1 Objective

The primary objective of the seminar was to create awareness and promote discussions on "Health, Safety & Social Securities" with a specific focus on students, staff, and faculty members. The seminar aimed to address the challenges and opportunities in ensuring a secure and healthy environment within educational institutions and industries, fostering a holistic approach towards well-being. Additionally, the event sought to establish collaboration between Centurion University of Technology and Management (CUTM) and Indo German Focal Point (IGFP) for mutual benefits in health, safety, and social security.

### 1.2 Outcome

Following are the broad outcomes of the seminar.

- **Enhanced Awareness:** Participants gained a deeper understanding of health, safety, and social security issues, particularly those affecting students, staff, and faculty members within an educational context.
- **Collaborative Initiatives:** The seminar facilitated the release of the IGFP calendar, symbolizing a collaborative effort between CUTM and IGFP. The round table discussion further explored potential areas of collaboration.
- **Expert Insights:** The plenary sessions, featuring distinguished resource persons, provided valuable insights into Vision Zero, workplace safety, and stress management. Participants benefitted from the expertise shared by the speakers.
- **Networking and Knowledge Sharing:** The seminar provided a platform for networking and knowledge exchange among participants, including members of IGFP, students, faculty, and staff from various campuses of CUTM.
- **Actionable Strategies:** The seminar aimed to equip attendees with practical strategies and preventive measures for addressing communicable diseases and managing stress in an educational and workplace setting.

## Section-2: Proceedings of the Inaugural Ceremony

### 2.1 Arrival and Welcome (10:00 - 11:00)

The seminar commenced with the arrival of guests and a warm welcome orchestrated by the faculty and officials of the university. The guests were given a campus tour by Dr. Abhijit Mohanty and Ms. Subhashree Rout, Assistant Professor, SoM. The campus tour provided an overview of the university's infrastructure and facilities, showcasing the unique approach of the university to bringing sustainability, technology, entrepreneurship, academics, and community together on one campus.

### 2.2 Invitation to the Dais (11:00 - 11:05)

Dr. Swetalina Mishra, Assistant Professor, SoM, invited the dignitaries to the dais:

- Prof. Supriya Pattanayak, Vice Chancellor, CUTM
- Mr. Bimal Kumar Sahu, Founder Director, IGFP
- Prof. Subhashis Sahu, Head, Department of Physiology, University of Kalyani
- Dr. Rama Chandra Rout, Director of Nursing, Govt. of Odisha



### 2.3 Lighting of Lamp and Invocation Song (11:05 - 11:10)

The ceremonial lighting of the lamp was followed by an invocation song, marking the auspicious beginning of the seminar.



### 2.4 Welcome Address (11:10 - 11:15)



Dr. Chinmaya Kumar Dash, Dean of the School of Management, extended a warm welcome to the participants and set the tone for the seminar.

## 2.5 Opening Address (11:15 - 11:25)

Prof. Supriya Pattanayak, Vice-Chancellor, CUTM, delivered the opening address, emphasizing the importance of health, safety and social security in an educational institution and also outlined the significance of the seminar.

## 2.6 Introductory Address (11:25 - 11:35)



Mr. Bimal Kumar Sahu, Founder Director of IGFP, delivered an introductory address highlighting the collaborative efforts in organizing the event.

## 2.7 Release of IGFP Calendar (11:35 - 11:40)

The Chief Guest and VC, CUTM, released the IGFP calendar, showcasing essential dates and events for the year.



## 2.8 Address on Communicable Diseases (11:40 - 11:50)



Dr. Rama Chandra Rout, Director of Nursing, Govt. of Odisha, spoke on "Communicable Diseases and Preventive Measures".

## 2.9 Felicitation of Guests (11:50 - 11:55)

The distinguished guests were felicitated for their valuable presence and contributions to the seminar.



## 2.10 Vote of Thanks and Group Photo (11:55 - 12:00)

The seminar's gratitude was expressed through a vote of thanks, followed by a group photo session to capture the memorable moments.





### Section-3: Plenary Sessions

#### 3.1 Online Session 1 (1:30 - 2:00)

Topic: Vision Zero: An Issue of Daily Management Behaviour

Resource Person: Dr. sc. ETH Mark Fülleemann, Founder, Practice & Experience, Switzerland



#### 3.2 Online Session 2 (2:00 - 2:30)

Topic: Safety at the Workplace

Resource Person: Dr. Malay Kumar Pradhan, Deputy

Director – Safety, Directorate of Factories & Boilers, Govt. of Odisha



#### 3.3 Session 3 (2:30 - 3:00)

Topic: Stress Management

Resource Person: Prof. Subhashis Sahu, University of Kalyani, West Bengal



#### 3.4 Question and Answer Session (3:00 - 3:30)

The audience engaged in a question and answer session with the resource persons.

#### 3.5 Summary of Deliberations (3:30 - 3:45)

Dr. Ansuman Jena, Dean of the School of Undergraduate Studies, summarized the key takeaways from the sessions.



#### 3.6 Felicitation of Resource Persons (3:45 - 3:50)

Resource persons were felicitated for sharing their expertise.



#### 3.7 Vote of Thanks (3:50 - 4:00)

A formal vote of thanks was given to conclude the seminar.

### 3.8 Round Table Discussion (4:30 - 5:00)

A round table discussion on areas of collaboration between CUTM and IGFP was conducted.

### Conclusion

The seminar successfully achieved its goal of addressing health, safety and social security, fostering collaboration, and providing valuable insights for the participants. The plenary sessions provided valuable insights and recommendations for ensuring the well-being of students, staff, and faculty members. The round table discussion paved the way for future partnerships, enhancing the university's overall safety and security environment. The seminar successfully addressed critical health, safety, and social security aspects, fostering collaboration between academia and industry experts.

### Annexure-1: Flyer

The flyer is for a seminar titled "Health, Safety & Social Securities with focus on students, staff and faculty members". It is jointly organized by Centurion University of Technology and Management, Odisha, and the Indo German Focal Point (IGFP), India. The seminar is scheduled for 20th January, 2024, from 10:30 AM to 5:30 PM, at the Auditorium, Aryabhata Building, CUTM. The flyer features portraits of seven speakers: Prof. Supriya Pattanayak (Vice-Chancellor, CUTM), Sd. Santhanagopalan R. (IAS, Commissioner-Cum-Secretary, Labour & IG Department, Govt. of Odisha), Mr. Bimal Kumar Sahu (Executive Director, IIGP), Prof. Subhashis Sahu (Associate Professor and Head, Department of Physiology, University of Barisal), Dr. Rama Chandra Rout (Director of Nursing, Govt. of Odisha), Dr. Malay Kumar Pradhan (Deputy Director - Safety, Directorate of Factories & Boilers, Govt. of Odisha), and Dr. sc. ETH Mark Füllemann (Postdoc, Practice & Experience, Switzerland). The conveners are Dr. Ansuman Jena (Dean, School of Undergraduate Studies & Director, Center for Internal Quality Assurance) and Dr. Chinmaya Kumar Dash (Dean, School of Management).

**Seminar On**  
**"Health, Safety & Social Securities with focus on students, staff and faculty members"**  
Jointly Organized By  
**Centurion University of Technology and Management, Odisha & Indo German Focal Point (IGFP), India**

**20th January, 2024 | 10:30 AM - 5:30 PM**  
**Venue: Auditorium, Aryabhata Building, CUTM**

**Speakers:**  
Prof. Supriya Pattanayak (Vice-Chancellor, CUTM)  
Sd. Santhanagopalan R. (IAS, Commissioner-Cum-Secretary, Labour & IG Department, Govt. of Odisha)  
Mr. Bimal Kumar Sahu (Executive Director, IIGP)  
Prof. Subhashis Sahu (Associate Professor and Head, Department of Physiology, University of Barisal)  
Dr. Rama Chandra Rout (Director of Nursing, Govt. of Odisha)  
Dr. Malay Kumar Pradhan (Deputy Director - Safety, Directorate of Factories & Boilers, Govt. of Odisha)  
Dr. sc. ETH Mark Füllemann (Postdoc, Practice & Experience, Switzerland)

**Conveners -**  
Dr. Ansuman Jena (Dean, School of Undergraduate Studies & Director, Center for Internal Quality Assurance)  
Dr. Chinmaya Kumar Dash (Dean, School of Management)

## Annexure-2: Agenda of the Event

Time	Event
10.00 to 11.00	Arrival on campus, welcome and Campus Tour of the guests by Dr. Abhijit Mohanty and Ms. Subhashree Rout; Assistant Professor, SoM
11.00 to 11.05	Invitation to the dignitaries to the dais by Dr. Swetalina Mishra, Assistant Professor, SoM <ul style="list-style-type: none"> <li>• Prof. Supriya Pattanayak Vice Chancellor, CUTM</li> <li>• Mr Bimal Kumar Sahu, Founder Director, IGFP</li> <li>• Prof. Subhashis Sahu, Associate Professor and Head, Department of Physiology, University of Kalyani</li> <li>• Dr. Rama Chandra Rout, Director of Nursing, Govt. of Odisha</li> </ul>
11.05 to 11.10	Lighting of lamp and invocation song
11.10 to 11.15	Welcome address by Dr. Chinmaya Kumar Dash, Dean, School of Management
11.15 to 11.25	Opening address by Prof. Supriya Pattanayak (PhD), Vice Chancellor, CUTM
11.25 to 11.35	Introductory address by Mr. Bimal Kumar Sahu, Founder Director, IGFP
11.35 to 11.40	Release of IGFP calendar by Chief Guest and VC, CUTM
11.40 to 11.50	Address by the Chief Guest - Sj. Santhanagopalan R. (IAS), Commissioner-Cum-Secretary, Labour & ESI Department, Govt. of Odisha
11.50 to 11.55	Felicitation of the Guests
11.55 to 12.00	Vote of Thanks by Dr. Ansuman Jena, Dean, School of Undergraduate Studies and Director, Center for Internal Quality Assurance
12.00 to 01.30	Lunch Break
<b>PLENARY SESSIONS</b>	
1.30 to 2.00	(Online Session) Topic: <b>Vision Zero: An Issue of Daily Management Behaviour</b> Resource Person: <b>Dr. sc. ETH Mark Füllemann</b> , Founder, Practice & Experience, Switzerland
2.00 to 2.30	(Online Session) Topic: <b>Safety at the Workplace</b> Resource Person: <b>Dr. Malay Kumar Pradhan</b> , Deputy Director – Safety, Directorate of Factories & Boilers, Govt. of Odisha
2.30 to 3.00	Topic: <b>Stress Management</b> Resource Person: <b>Prof. Subhashis Sahu</b> , Associate Professor and Head, Department of Physiology; In-Charge, Ergonomics and Occupational Physiology Laboratory, University of Kalyani, West Bengal
3.00 to 3.30	Question and Answer Session
3.30 to 3.45	Summary of Deliberations by Dr. Ansuman Jena, Dean, School of Undergraduate Studies and Director, Center for Internal Quality Assurance
3.45 to 3.50	Felicitation of the Resource Persons
3.50 to 4.00	Vote of Thanks by Dr. Chinmaya Kumar Dash, Dean, School of Management
4.00 to 4.30	High Tea
4.30 to 5.00	Round Table Discussion on areas of collaboration between CUTM and IGFP

### Annexure-3: Attendance of the Participants

<p>1. <u>Company Name</u> or <u>Company Abbreviation</u>  <u>Address</u> <u>City</u> <u>State</u> <u>Zip</u></p> <p>2. <u>Company Name</u> or <u>Company Abbreviation</u>  <u>Address</u> <u>City</u> <u>State</u> <u>Zip</u></p>		
1. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
2. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
3. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
4. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
5. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
6. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
7. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
8. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
9. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
10. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
11. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
12. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
13. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
14. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
15. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
16. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
17. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
18. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
19. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>
20. <u>Company Name</u> or <u>Company Abbreviation</u>	<u>Address</u>	<u>City</u> <u>State</u> <u>Zip</u>

University University of Technology and Management  
Faculty of Engineering  
Department of Mechanical Engineering  
Mechanical Engineering in the 21st Century  
Topic: Design of a New Product  
Date: 10/10/2019  
Page: 1 of 1

Sl. No.	Name of the Student	Signature
1	Abhishek Kumar	Abhishek Kumar
2	Adarsh Kumar	Adarsh Kumar
3	Akash Kumar	Akash Kumar
4	Amal Kumar	Amal Kumar
5	Anand Kumar	Anand Kumar
6	Anshu Kumar	Anshu Kumar
7	Arjun Kumar	Arjun Kumar
8	Ashish Kumar	Ashish Kumar
9	Ashish Kumar	Ashish Kumar
10	Ashish Kumar	Ashish Kumar
11	Ashish Kumar	Ashish Kumar
12	Ashish Kumar	Ashish Kumar
13	Ashish Kumar	Ashish Kumar
14	Ashish Kumar	Ashish Kumar
15	Ashish Kumar	Ashish Kumar
16	Ashish Kumar	Ashish Kumar
17	Ashish Kumar	Ashish Kumar
18	Ashish Kumar	Ashish Kumar
19	Ashish Kumar	Ashish Kumar
20	Ashish Kumar	Ashish Kumar
21	Ashish Kumar	Ashish Kumar
22	Ashish Kumar	Ashish Kumar
23	Ashish Kumar	Ashish Kumar
24	Ashish Kumar	Ashish Kumar
25	Ashish Kumar	Ashish Kumar
26	Ashish Kumar	Ashish Kumar
27	Ashish Kumar	Ashish Kumar
28	Ashish Kumar	Ashish Kumar
29	Ashish Kumar	Ashish Kumar
30	Ashish Kumar	Ashish Kumar
31	Ashish Kumar	Ashish Kumar
32	Ashish Kumar	Ashish Kumar
33	Ashish Kumar	Ashish Kumar
34	Ashish Kumar	Ashish Kumar
35	Ashish Kumar	Ashish Kumar
36	Ashish Kumar	Ashish Kumar
37	Ashish Kumar	Ashish Kumar
38	Ashish Kumar	Ashish Kumar
39	Ashish Kumar	Ashish Kumar
40	Ashish Kumar	Ashish Kumar
41	Ashish Kumar	Ashish Kumar
42	Ashish Kumar	Ashish Kumar
43	Ashish Kumar	Ashish Kumar
44	Ashish Kumar	Ashish Kumar
45	Ashish Kumar	Ashish Kumar
46	Ashish Kumar	Ashish Kumar
47	Ashish Kumar	Ashish Kumar
48	Ashish Kumar	Ashish Kumar
49	Ashish Kumar	Ashish Kumar
50	Ashish Kumar	Ashish Kumar
51	Ashish Kumar	Ashish Kumar
52	Ashish Kumar	Ashish Kumar
53	Ashish Kumar	Ashish Kumar
54	Ashish Kumar	Ashish Kumar
55	Ashish Kumar	Ashish Kumar
56	Ashish Kumar	Ashish Kumar
57	Ashish Kumar	Ashish Kumar
58	Ashish Kumar	Ashish Kumar
59	Ashish Kumar	Ashish Kumar
60	Ashish Kumar	Ashish Kumar
61	Ashish Kumar	Ashish Kumar
62	Ashish Kumar	Ashish Kumar
63	Ashish Kumar	Ashish Kumar
64	Ashish Kumar	Ashish Kumar
65	Ashish Kumar	Ashish Kumar
66	Ashish Kumar	Ashish Kumar
67	Ashish Kumar	Ashish Kumar
68	Ashish Kumar	Ashish Kumar
69	Ashish Kumar	Ashish Kumar
70	Ashish Kumar	Ashish Kumar
71	Ashish Kumar	Ashish Kumar
72	Ashish Kumar	Ashish Kumar
73	Ashish Kumar	Ashish Kumar
74	Ashish Kumar	Ashish Kumar
75	Ashish Kumar	Ashish Kumar
76	Ashish Kumar	Ashish Kumar
77	Ashish Kumar	Ashish Kumar
78	Ashish Kumar	Ashish Kumar
79	Ashish Kumar	Ashish Kumar
80	Ashish Kumar	Ashish Kumar
81	Ashish Kumar	Ashish Kumar
82	Ashish Kumar	Ashish Kumar
83	Ashish Kumar	Ashish Kumar
84	Ashish Kumar	Ashish Kumar
85	Ashish Kumar	Ashish Kumar
86	Ashish Kumar	Ashish Kumar
87	Ashish Kumar	Ashish Kumar
88	Ashish Kumar	Ashish Kumar
89	Ashish Kumar	Ashish Kumar
90	Ashish Kumar	Ashish Kumar
91	Ashish Kumar	Ashish Kumar
92	Ashish Kumar	Ashish Kumar
93	Ashish Kumar	Ashish Kumar
94	Ashish Kumar	Ashish Kumar
95	Ashish Kumar	Ashish Kumar
96	Ashish Kumar	Ashish Kumar
97	Ashish Kumar	Ashish Kumar
98	Ashish Kumar	Ashish Kumar
99	Ashish Kumar	Ashish Kumar
100	Ashish Kumar	Ashish Kumar

[illegible]

NAME	ADDRESS	CITY	STATE	ZIP
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				
66				
67				
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95				
96				
97				
98				
99				
100				

[illegible]A photograph of a single sheet of white paper with horizontal blue or grey ruling lines. The paper is oriented vertically and appears to be resting on a dark surface. There are some faint smudges and shadows across the page, particularly towards the bottom right corner.[illegible][illegible]



**25<sup>th</sup> June 2024**

**A Report**  
**on**  
**“Holistic Development: Nurturing Learning Environment”**  
**Dr. Nandita Mishra, Director Chetana Institute of**  
**Management and Research**

**Time: 10:00AM to 12:00PM**

**Speaker's Profile:**

Dr. Nandita Mishra is currently serving as the Director of Chetana's Institute of Management and Research (CIMR). She holds a Ph.D. and a Postdoctoral Fellowship in Management, alongside a PGDHRM, and MPhil & MA in Economics. Dr. Mishra has earned Gold Medals in Economics for her Master's and MPhil degrees. With extensive experience in academia, she has taught Economics and Management courses at various institutions, both in India and internationally.

Her leadership at CIMR has driven the institute to new heights, fostering a culture of innovation and industry engagement. Dr. Mishra's research interests include women empowerment, sustainability, organizational development, and higher education. She actively engages in action research that leads to tangible implementation, reflecting her commitment to excellence and societal contribution.

Dr. Mishra's journey began in Sambalpur, Odisha, where she developed a passion for academia from an early age. She has worked across different cities, including Kolkata, Chennai, and Muscat, Oman, before finding a fulfilling association with CIMR. Her dedication to Corporate Social Responsibility (CSR) and philanthropy is evident through her active participation in various initiatives aimed at empowering women entrepreneurs and achieving Sustainable Development Goals.

## OBJECTIVE

The objective of this session was

1. **Promote Comprehensive Educational Practices:** To introduce and encourage the adoption of integrative teaching methods that address the intellectual, emotional, social, physical, and ethical development of students.
2. **Enhance Emotional Intelligence and Ethical Leadership:** To emphasize the importance of building emotional intelligence and ethical leadership qualities in students, preparing them for personal and professional success.
3. **Foster Sustainable and Nurturing Learning Environments:** To provide strategies and practices for creating sustainable and nurturing learning environments that support holistic development and align with educational and community empowerment goals.

## OUTCOMES

The workshop on "Holistic Development: Nurturing Learning Environment" led by Dr. Nandita Mishra resulted in several significant outcomes. Participants left with a deeper understanding of the holistic approach to education, which emphasizes the integration of intellectual, emotional, social, physical, and ethical development in teaching practices. Dr. Mishra's insights equipped attendees with practical strategies to create and maintain nurturing learning environments that support comprehensive student growth.

Furthermore, the session highlighted the critical role of emotional intelligence and ethical leadership in shaping future leaders. Participants gained valuable knowledge on how to foster these qualities in students, preparing them for personal and professional success. The workshop also underscored the importance of sustainable practices in education, aligning with global educational and community empowerment goals.

Overall, the session inspired educators and administrators to adopt a more holistic and inclusive approach to education, ultimately contributing to the development of well-rounded, resilient, and ethically-grounded individuals.

## DESCRIPTION

The workshop on "Holistic Development: Nurturing Learning Environment" provided a comprehensive exploration of innovative educational practices aimed at fostering an enriching learning environment. Conducted on June 25, 2024, this session was spearheaded by Dr. Nandita Mishra, Director of Chetana's Institute of Management and Research (CIMR), and organized by the CCCDC in collaboration with the Centre of Governance and Sustainable Society and SoM.

The session began with an overview of the vision and mission of Centurion University of Technology and Management (CUTM), setting the stage for the workshop's focus on holistic development and educational excellence. Dr. Mishra emphasized the importance of nurturing creativity, fostering critical thinking, encouraging collaboration, and enhancing communication skills in students. These four competencies are crucial for preparing students to thrive in a rapidly changing global environment.

An in-depth discussion on Outcome-Based Education (OBE) was a central part of the workshop. Participants learned about the principles of OBE and its significance in aligning educational outcomes with industry needs and societal expectations. Practical strategies for implementing OBE in educational institutions were explored, highlighting the shift from traditional teaching methods to a more student-centered approach that focuses on measurable learning outcomes. The workshop compared traditional and modern educational practices, outlining the benefits and challenges of each. Dr. Mishra provided insights into how modern education, driven by OBE, better prepares students for the demands of the 21st century.

Participants were guided through the process of developing and designing OBE frameworks within their institutions, ensuring that educational programs are outcome-focused and aligned with the desired competencies and skills. The session included a detailed exploration of Bloom's Taxonomy, a hierarchical model used to classify educational learning objectives into levels of complexity and specificity. This tool is essential for developing effective learning outcomes and assessments.

Recognizing the importance of mental well-being in education, the workshop addressed strategies for promoting mental health among students and faculty. Dr. Mishra highlighted the need for creating a supportive environment that prioritizes mental well-being as a foundation for effective learning. Additionally, the session underscored the importance of faculty engagement in fostering a nurturing learning environment, encouraging educators to actively participate in continuous professional development and collaborative practices.

Overall, the workshop provided valuable insights and practical strategies for enhancing the quality of education through holistic development, fostering a nurturing learning environment, and preparing students for future challenges.

## CONCLUSION

The workshop on "Holistic Development: Nurturing Learning Environment," led by Dr. Nandita Mishra, provided participants with valuable insights into creating a comprehensive and supportive educational environment. By emphasizing the integration of creativity, critical thinking, collaboration, and communication, and highlighting the importance of Outcome-Based Education, the session equipped educators with practical strategies for enhancing student development. The focus on mental well-being and faculty engagement further reinforced the need for a holistic approach to education, ultimately preparing students to meet the challenges of the future with resilience and competence.











# Holistic Development: Nurturing Learning Environment

Attendance Sheet, 25.06.2024

Sl. No	Name	School	Signature
1	Supriya Kulkarni	VI	
2	Dr. Deepa Mishra	SOM	
3	Dr. Susanta K Mishra	SOM	
4	Shri Sankar Das	SOM	
5	Roseemita Mishra	SOM	
6	Jyotirmayee Sahoo	SOM	
7	Rajani Agrawalla	SOM	
8	Prachinika Sahoo	SOL	
9	Nika Chaturvedi	SOL	
10	Dr. M. D. Patra	SOL	
11	Debabrata Panda	SOPLS	
12	Prasanna Panda	SOPLS	
13	Dr. Pratap Kumar Patra	SOPLS	
14	Satyajayanti Tripathy	SOPLS	
15	Dr. Kuntalaya Mishra	SOPLS	
16	Mr. Dipdimayee Jena	SOPLS	
17	Dr. Abhishek Mishra	SOM	
18	Pranita Mohanty	SOPAHs	
19	Aswathi P	SOPAHs	
20	Anushleekha Fernandes	"	
21	Manalisa Sahoo	PhD Scholar (SOPAHs)	
22	Sushree Sugandhika	SOPAHs	
23	Dr. P. S. R. Roy or Datta	SOM	
24	Dr. Biswajit Nishu Sahu	SOPLS, BBSR	
25	Dr. Chandan K. Boro	SOPLS, BBSR	
26	Dr. Soniya Saswati Panigrahi	SOPAHs, BBSR	
27	Dr. Srikanya Grandhi	SOPAHs, BBSR	

Sl. No	Name	School	Signature
28	Dr Fahima Diknawaz	Biotechnology	
29	Dr. Madhusmita Redha	Biotechnology	
30	Dr. Sahjataraj Naha	Biotechnology	
31	Dr. Ragan Kumar Sahoo	Biotechnology	
32	Ramita Dena	SoPLS	
34	Sanati Bhuyabal	SoPLS	
35	Bhargavi Behera	SoPLS	
36	Shreshthashree Das	SoPLS	
37	Aradhana Panigrahi	SoPLS	
38	Guptansjali Sahu	SoPLS	
39	Iyoshna Rani Das	SoPLS	
40	Deepika Ahuja	SoPAHS	
41	Sushmita Nayak	SOVET	
42	Somalika pradhan	SOVET	
43	Lipsarani Dash	SOVET	
44	Adilagna Sahoo	SOVET	
45	Nilanchala Patra	SOVET	
46	Yashwant Chini	SoPLS	
47	Bhuvan Sananturay	SOVET	
48	Ann lei Sam	SOVET	
49	Bikash Jena	SoPLS	
50	Himansu Dasan Samal	SoPLS	
51	Upasana Singh	School of Law	
52	Annapurna Panda	SOVET	
53	Sootasmita Mahapatra	SOVET	





**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

**“A report of workshop on Insurance is the assurance:  
For a Better Future for a Better Society”**

Name of the event	Insurance is the assurance: For a Better Future For a Better Society
Date of the event	02/12/2023
Name of coordinator	Dr.Promod Kumar Patjoshi
No. of attendees	150
Mode	Offline



# SCHOOL OF MANAGEMENT



## CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

CENTRE FOR COMMERCIALIZATION OF  
INVITATION AND ENTREPRENEURSHIP (CCIE)

### WORKSHOP ON :

**-INSURANCE IS THE ASSURANCE : FOR A BETTER FUTURE FOR  
A BETTER SOCIETY-**



2nd December 2023 From 10:00 am To 01:00 pm.



Aryabhata Building, Hall No. -06

RESOURCES PERSON:-

FACULTY-COORDINATOR :-

**PRAMOD KUMAR PATJOSHI**

**MR. GYANARANJAN MISHRA**

(CEO, Gram Tarang insurance Broking Pvt Ltd)

**Mr. PRAYASRANJAN MISHRA**

(Senior BDM, SBI General Insurance)



Centurion  
UNIVERSITY  
Shaping Lives,  
Empowering Communities.

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Activities and Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

## **1. Introduction**

Insurance serves as a cornerstone for building a better future and a stronger society. It acts as a safety net, mitigating the financial impact of unforeseen events like accidents, illnesses, or natural disasters. By providing financial security, it empowers individuals and families to overcome challenges and navigate life's uncertainties with greater peace of mind.

Beyond individual benefits, insurance creates a ripple effect that strengthens the fabric of society. By stabilizing individual finances, it reduces economic burden and promotes financial inclusion. This, in turn, fosters greater resilience within communities, allowing individuals to contribute more effectively and pursue their aspirations. Moreover, insurance encourages risk-taking and innovation, as individuals feel more secure venturing into new endeavours with the knowledge that they are protected against potential setbacks. Consequently, it drives economic growth and societal progress.

In essence, insurance serves as the foundation upon which individuals and communities can build a brighter future. By providing financial security and fostering resilience, it empowers individuals to reach their full potential and contributes to the collective well-being of society as a whole.

## **2. Key Note**

Insurance, Assurance, Human Life value Calculation, financial security, financial inclusion, risk-taking, economic growth, societal progress

## **3. Activities and Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by activities like:

- Brain storming and mapping by asking questions
- Studying cases / Case study
- Role play
- Questions discussion



## **4. Learning Outcomes**

### **1. Understanding the Role of Insurance:**

- Concept of risk and uncertainty: Recognize the inherent risks and uncertainties present in life and how insurance helps manage them.
- Types of insurance: Identify and differentiate between different types of insurance products available, including life, health, property, and liability insurance.
- Insurance mechanisms: Understand the fundamental principles of insurance, such as pooling of risks, premium calculation, and claims processes.

### **2. Assessing Individual Needs:**

- Financial risk assessment: Identify and assess your personal exposure to financial risks across different aspects of your life.
- Insurance needs analysis: Analyse your individual needs and choose the appropriate insurance products to provide adequate protection.
- Benefits and limitations: Understand the benefits and limitations of different types of insurance policies and their impact on your financial security.

### **3. Making Informed Decisions:**

- Comparative analysis of insurance products: Compare and contrast different insurance options based on coverage, premiums, claim settlement ratios, and other relevant factors.
- Policy terms and conditions: Read and understand the terms and conditions of insurance policies to ensure they meet your specific needs and expectations.
- Financial planning: Integrate insurance into your overall financial plan to achieve long-term financial goals and stability.

### **4. Social Impact of Insurance:**

- Contribution to economic growth: Recognize the role of insurance in promoting economic stability and growth by providing financial security to individuals and businesses.
- Social protection: Understand how insurance helps mitigate the impact of unexpected events on individuals and families, contributing to social equity and well-being.
- Building a resilient society: Appreciate how insurance promotes a culture of risk management and preparedness, making communities more resilient to unforeseen challenges.
- Ethical considerations in insurance: Understand the ethical principles involved in the insurance industry and the importance of responsible conduct by all stakeholders.
- Regulatory environment: Gain basic knowledge of the regulations governing the insurance industry and their role in ensuring consumer protection.
- Future trends in insurance: Explore emerging trends in the insurance landscape and how they might impact individuals and society in the future.

By understanding these learning outcomes, individuals can become informed consumers of insurance products, make responsible financial decisions, and contribute to a more secure and resilient society.

## **5. Conclusion**

Hence, I can conclude with the note that we have understood from the activities and interaction by Mr. Gyana Ranjan Mishra and Mr. Prayas Ranjan Mishra that insurance plays a crucial role in building a better future and society. It provides individuals and families with financial security against unforeseen events, protecting them from facing devastating consequences. Whether it's a health crisis, an accident, or an untimely death, insurance ensures that individuals and their dependents are financially sound and can continue to pursue their dreams and aspirations. By minimizing financial burdens, insurance fosters a more equitable and secure society where everyone has the opportunity to thrive. Additionally, insurance companies can leverage their resources to invest in communities and contribute to social development, further strengthening the fabric of society. So, insurance is more than just a financial product; it's a powerful tool that empowers individuals and communities to build a better future for them and for generations to come.

## Attendance of the students(MBA, BCOM,BBA)

**School of Management, CUTM**  
Workshop on Insurance is the Assurance: For a Better Future for a Better  
Society  
Dt. 02.12.2023

MBA ~~BCOM~~ Semester-I

Sr.	Student	Roll No	Signature
1	PRIYANSHU DAS	230402100001	Priyanshu Das
2	DARSHAN RANJAN MOHANTY	230402100002	Darshan Ranjan Mohanty
3	ALOK KUMAR TRIPATHY	230402100003	Alok
4	SANDIP KUMAR SAHOO	230402100004	Sandip Kumar Sahoo
5	BIGHNESH PANDA	230402100005	BIGHNESH PANDA
6	NEELAM KAUR	230402100006	Neelam Kaur
7	SATYA PRAKASH DHAL	230402100007	Satya Prakash Dhal
8	SUPRIT KUMARI BHUYAN	230402100008	Suprit Bhuya
9	SK. MOHAMMED SAJID ALI	230402100009	SK. Mohammed Sajid Ali
10	UDIT NARAYAN SARANGI	230402100010	Udit Narayan Sarangi
11	PRIYANKA SAHOO	230402100011	Priyanka Sahoo
12	ASHISH KUMAR PANDA	230402100012	
13	AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14	RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15	SIDHASHREE PRADHAN	230402100015	Sidhashree Pradhan
16	MADHUSMITA NANDY	230402100016	Madhusmita Nandy
17	PRANGYA SARANGI	230402100017	Prangya Sarangi
18	SASWAT MOHANTY	230402100018	Saswat Mohanty
19	POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20	PRERANA PRIYADARSHINI PRADHAN	230402100020	PRERANA PRIYADARSHINI PRADHAN
21	SUDIPTA BARIK	230402100021	
22	TUSHAR KUMAR PANI	230402100022	Tushar Kumar Pani
23	BAREN KUMAR SAHOO	230402100023	Baren K. Sahoo
24	SIBASONI DEVI	230402100024	Sibasoni devi
25	SMRUTILEKHA SAHOO	230402100025	Smrutilekha Sahoo
26	ABINASH PARIDA	230402100026	Abinash Parida
27	KANHA SAHOO	230402100027	Kanha Sahoo
28	PRAMOD KUMAR SENAPATI	230402100028	Pramod K. Senapati
29	ASMAN SUNDARA	230402100029	Asman sundara
30	ARPAN KUMAR PATNAIK	230402100030	Arpan Kumar patnaik

31	LOSAN KUMAR SAHOO	230402100031	Losan kumar saho
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	dibyadarshinee parida
34	AVIPSA PATRA	230402100034	AVIPSA patra
35	RAMIYA PANDA	230402100035	Ramiya panda
36	ALLURI MADHAVI	230402100036	a. madhavi
37	SUBHASMITA SAHOO	230402100037	Subhasmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi pal
39	SOURYA RANJAN MATAGAISINGH	230402100039	Sourya Singh
40	RITESH RANJAN SHARMA	230402100040	Ritesh Ranjan Sharma
41	PRIYANKA PRIYADARSINI MISHRA	230402100041	Priyanka Priyadarshini
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	Pravasi Barik
44	CHINMAYEE SAHOO	230402100044	Chinmayee Sahoo
45	TRUPTI BEHERA	230402100045	
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SOUBHAGYALAXMI DALAI	230402100047	Soubhagya Laxmi Dalai
48	KUNAL DAS	230402100048	
49	MONALISA PRIYADARSHINI	230402100049	Monalisa Priyadarshini
50	HARSH DEEP KUMAR	230402100050	Harsh Deep Kumar
51	SUBHRASNIGDHA MOHAPATRA	230402100051	
52	SANTANU KUMAR SAHOO	230402100052	
53	ASHUTOSH DAS	230402100053	
54	G SUMAN REDDY	230402100054	G. SUMAN REDDY
55	SUBRAT KUMAR PANDA	230402100055	
56	ARUN SETI	230402100056	Arun sethi
57	MITA RANI SAHU	230402100057	Mita rani sahu
58	ASURI SUDESH	230402100058	Asuri sudesh
59	SACHIN AHWAN BEHERA	230402100059	Sachin Ahwan Behera
60	KUMAR GOURABA PARIDA	230402100060	
61	RINKY RAJAK	230402100061	Pinky Rajak
62	PRITAM JENA	230402100062	Pritam Jena
63	GYANA RANJAN PRUSETH	230402100063	
64	ASHOK KUMAR JENA	230402100064	Ashok kumar Jena
65	SWEETY MEHER	230402100065	Sweetly meher



**School of Management, CUTM**  
Workshop on Insurance is the Assurance: For a Better Future for a Better  
Society

Dt. 02.12.2023

BCOM Semester-I

Sr.	Student	Roll No	Signature
1	DIYA GUPTA	230415140001	Diya Gupta
2	ADITYA KUMAR SAHOO	230415140002	Aditya Kumar Sahoo
3	DHIREN SAMAL	230415140003	Dhiren Samal
4	MOUSUMI MONALISHA	230415140004	Mousumi Monalisha
5	OM PRASAD PANDA	230415140005	
6	SHREYA KANDHWAY	230415140006	Shreya Kandhway
7	JYOTIRMAYEE SAHOO	230415140007	
8	YOUNGESH KUMAR NAYAK	230415140008	
9	SIVA SUNDAR SAHU	230415140009	Siva Sundar Sahu
10	RAHUL PRADHAN	230415140010	Rahul Pradhan
11	MITHILESH KUMAR NATH	230415140011	Mithilesh Kumar Nath
12	PRERNA SINGH	230415140012	
13	BABLY DUSAD	230415140013	Babli Dusad
14	PRATYUSH DAS	230415140014	
15	AMIT KUMAR PALTASINGH	230415140015	
16	ANURADHA CHOUDHARY	230415140016	Anuradha Choudhary
17	DIBYAJYOTI BOITY	230415140017	
18	B ADITYA PATTHAIK	230415140018	
19	BIDYOTTAM SARANGI	230415140019	
20	ABHIPSA SAHU	230415140020	Abhipsa Sahu
21	BARSHA RANI BEHERA	230415140021	Barsha Rani Behera
22	SNEHA JAISWAL	230415140022	Sneha Jaiswal
23	PUJALIN SAHOO	230415140023	
24	HARSHRAJ MALLIK	230415140024	
25	YASH CHAUHAN	230415140025	Yash Chauhan
26	SUNITA NAYAK	230415140026	
27	MOULI MAHANTA	230415140027	
28	BIBHU PRASAD NATH	230415140028	
29	LIPAN PATEL	230415140029	
30	MUKESH KUMAR MAJHI	230415140030	Mukesh Kumar Majhi
31	SWAROOPA SAGAR	230415140031	
32	MADHUSMITA MISHRA	230415140032	
33	VIJAYLAXMI YADAV	230415140033	Vijaylaxmi Yadav

**School of Management, CUTM**  
Workshop on Insurance is the Assurance: For a Better Future for a Better Society

Dt. 02.12.2023

~~BBA~~  
~~MBA~~ Semester-I

Sr.	Student	Roll No	Signature
1	SHREYAN BHARADWAJ	230409120001	
2	ABHISHEK KUMAR SINGH	230409120002	Abhishek Kumar Singh
3	SAKSHI SUMAN	230409120003	Sakshi Suman
4	AYUSH KUMAR SAHOO	230409120004	Ayush Kr. Sahoo
5	SUJAL BOSE	230409120005	
6	ROSHAN PUROHIT	230409120006	Roshan Purohit
7	DEBARATI SAHU	230409120007	Debarati Sahu
8	ANAND SINGH	230409120008	Anand Singh
9	PRABIN KUMAR MAHATO	230409120009	
10	SRILAL KISKU	230409120010	Srilal Kisku
11	MANISH PRAJAPATI	230409120011	
12	SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13	RUPESH KUMAR	230409120013	Rupesh Kumar
14	ROSHBIN GABRIEL	230409120014	Roshbin Gabriel
15	DIBYA SINGHA PANDA	230409120015	Diba Singha Panda
16	T PRANITH	230409120016	T. Pranith
17	M VARUN KUMAR	230409120017	M. Varun Kumar
18	ROHIT SHARMA	230409120018	Ronith Sharma
19	MALAYA KUMAR PALTASINGH	230409120019	
20	SARVISITTI SAI TARUN	230409120020	Sai Tarun
21	CHANDNI	230409120021	
22	P. MOULIKA	230409120022	Poulaka
23	S.KUSUMA	230409120023	S. Kusuma
24	MIR INJAMUL HAQUE	230409120024	Mir Injamul Haque
25	HEMANTH KUMAR	230409120025	Hemant Kumar
26	HIMANSHU KUMAR SONI	230409120026	Himanshu Kumar Soni
27	NIKHIL KUMAR	230409120027	Nikhil Kumar
28	AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29	BISWABRATA CHANDA	230409120029	
30	S HEMANT KUMAR	230409120030	S Hemant Kumar

31	SIPUN NAYAK	230409120031	Sipun Nayak
32	PRAYASH SWAIN	230409120032	Prayash Swain
33	SIBANI PRASAD NAYAK	230409120033	Sibani Prasad Nayak
34	SHREYA DEBNATH	230409120034	Shreya Debnath
35	AVIK MANDAL	230409120035	Avik Mandal
36	ALISHA BECK	230409120036	Alisha Beck
37	BHAGYASHREE DAS	230409120037	
38	V. PADMINI RAO	230409120038	V. padmini Rao
39	ANUPAM PATTANAYAK	230409120039	Anupam Pattanayak
40	RUTUPRASAN JENA	230409120040	Rutuprasan Jena
41	SUNANDA NAYAK	230409120041	
42	ARITRA DAS	230409120042	Aritra Das
43	RAJASHREE JAGADEV	230409120043	
44	MANMEET KOUR	230409120044	
45	BARUJAKSHEE PATRA	230409120045	
46	ANIRBAN BESRA	230409120046	Anirban Besra
47	AKRUTI TRIPATHY	230409120047	
48	ARGHYA ADHIKARY	230409120048	Arghya Adhikary
49	ANUKSHYA CHOWDHURY	230409120049	Anukshya Chowdhury
50	PREMJIT SINGH	230409120050	Premjit Singh
51	NIRAL BALMUCHU	230409120051	Nirjal Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SNEHA OREYA	230409120053	
54	BISWAJEET SAHOO	230409120054	
55	PRATYUSH RANJAN SAHU	230409120055	Pratyush ranjan sahu
56	SAGAR NAYAK	230409120056	
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	Satish Kumar Mohanty
59	KUSHAL KUMAR DOL	230409120059	Kushal Kumar dol
60	TOMOHHNA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	Abhishek Samantarai
62	DEEBYASA PARIDA	230409120062	
63	DEBASMITA PRAHARAJ	230409120063	Debasmita Praharaj
64	SUBHAM SINGH	230409120064	Subham Singh
65	SANCHITA PANDA	230409120065	
66	MITALI MADHUSMITA	230409120066	



67	IVASMITA PARIDA	230409120067	Tanasmita Parida .
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Hafiah Egbal
70	SURYASNATA ROUT	230409120070	
71	NEHA KUMARI	230409120071	Neha Kumari
72	KUMARI SANYA	230409120072	Kumari Sanya
73	DEBASIS RANA	230409120073	Debasia Rana
74	ARUSHI SINGH	230409120074	Arushi Singh
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	
78	ABHIJEET BARIK	230409120078	Abhijeet Barik
79	ANISH KUMAR MEHER	230409120079	Anish Kumar meher
80	GOLDY PATTANAYAK	230409120080	
81	GULSHAN SINGH THAKUR	230409120081	Gulshan Singh Thakur
82	BHUPEN KUMAR SAGARIA	230409120082	Bhupen Kumar Sagarua
83	SMERA CHINTAK	230409120083	Smeka Chintak
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHANA AFRIEN	230409120086	
87	ABHISHEK PAHANTA SINGH	230409120087	
88	D PREM KUMAR	230409120088	D Prem Kumar
89	ADITYA PRASAD PATI	230409120089	Aditya Prasad pati
90	B.SAKCHI	230409120090	B. Sakchi
91	ROSHAN KUMAR	230409120091	Roshan Kumar
92	AKSHAY MAZUMDER	230409120092	
93	PRASANT KUMAR NAYAK	230409120093	Prasant Kumar Nayak
94	ALOK PRABHUPADA JENA	230409120094	
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	Archi Verma
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar.
102	ANITA RANI MOHANTA	230409120102	Anita Rani



## Workshop Report: Insurance Sales Management

Resource Person: Mr. Orayas Mishra

Date: 17<sup>th</sup> February 2023

Venue: Koutilaya Building

Organizer: School of Management

Participants: Students of BBA 6<sup>th</sup> Semester

### Objective:

The primary objective of the workshop on Insurance Sales Management was to equip participants with the necessary skills and strategies to enhance their performance in selling insurance products effectively.

### Key Highlights:

**Introduction to Insurance Sales Management:** This session provided an overview of the insurance industry, the role of sales management within it, and the importance of effective sales strategies.

**Understanding Customer Needs:** Participants engaged in discussions and exercises aimed at understanding the diverse needs and preferences of potential insurance customers. This session emphasized the significance of empathy and active listening in identifying and addressing customer needs.

**Product Knowledge and Communication Skills:** A comprehensive overview of various insurance products was provided, focusing on their features, benefits, and suitability for different customer segments. Additionally, communication techniques and strategies for effectively conveying product information to customers were discussed and practiced.

**Sales Techniques and Strategies:** This session delved into various sales techniques and strategies tailored specifically for the insurance industry. Topics included prospecting, lead generation, overcoming objections, and closing sales. Real-life case studies and role-playing exercises were utilized to illustrate effective sales techniques.

**Utilizing Technology in Sales:** With the increasing importance of technology in modern sales processes, this session explored the role of technology in insurance sales. Participants learned about various tools and platforms available for lead generation, customer relationship management, and sales tracking.

**Compliance and Ethical Considerations:** Ensuring compliance with regulatory requirements and maintaining ethical standards is crucial in the insurance industry. This session provided an overview of relevant regulations and guidelines, emphasizing the importance of ethical conduct in sales practices.

**Performance Monitoring and Evaluation:** The workshop concluded with a discussion on the importance of monitoring sales performance and implementing mechanisms for continuous

improvement. Participants learned about key performance indicators (KPIs) relevant to insurance sales and strategies for evaluating and enhancing performance.

Outcome:

Enhanced understanding of customer needs and preferences.

Improved product knowledge and communication skills.

Acquisition of effective sales techniques and strategies.

Appreciation of the role of technology in modern sales processes.

Awareness of compliance and ethical considerations in insurance sales.

Understanding of performance monitoring and evaluation techniques.



## List of Participant

### BBA, Semester\_VI

Sr.	Student	Roll No	Signature of Students
1	ANISHA LENKA	210409120001	
2	SANJEEBANI SWAIN	210409120002	
3	ABHISHEK MOHANTY	210409120003	
4	JYOTIRANJAN NAIK	210409120004	
5	SOUMYA MAHAKUDA	210409120005	Shaili Sharma
6	SHAILI SHARMA	210409120006	
7	NAMRATA SAHU	210409120007	Namrata Sahoo
8	P MAMTA KUMARI	210409120008	
9	NIKHIL RAJWADE	210409120009	Nikhil Rajwade
10	ARUNDHUTI HALDAR	210409120010	Arundhati Haldar
11	NILESH KUMAR MAHATO	210409120011	Nilesh K. Mahato
12	DIVYA PURTY	210409120012	Divya Purty
13	FIROJ KUMAR KUNWAR	210409120013	Firoj Kumar
14	PRATIKSHYA ROUT	210409120014	Pratikshya Rout
15	SHUBHAM ADHIKARY	210409120015	
16	ITISMITA BARIK	210409120016	Itismita Barik
17	SAMBITOSH SAHU	210409120017	Sambitosh Sahu
18	AYUSMAN SAI TRIPATHY	210409120018	
19	ADITYA RAJ SAHU	210409120019	Aditya Sahu
20	AVINASH DUBEY	210409120020	Avinash Dubey
21	SAGAR BEHERA	210409120022	Sagar Behera
22	SIBAM ARYAN BEHERA	210409120023	Sibam Behera
23	ROHINI TIRKEY	210409120024	Rohini Tirkey
24	ISHITA VERMA	210409120025	Ishta
25	JASWINDER KAUR	210409120026	Jaswinder Kaur
26	KHUSHI CHAKRABORTY	210409120027	
27	MAHI AGARWAL	210409120028	MAHI AGARWAL
28	MRINMOY PAUL	210409120029	
29	NOSHEEN PARVEEN	210409120030	Nosheen Parveen
30	SATYAM KUMAR SINGH	210409120031	
31	AAVYA	210409120032	
32	PRITESH KUMAR	210409120033	
33	SOUMYA RANJAN JENA	210409120034	
34	CHAITRADEV JENA	210409120035	
35	TANMAY SAHOO	210409120036	Tanmay Sahoo
36	ANISH KUMAR AGARWALLA	210409120037	
37	MOUSUMI PARIDA	210409120038	
38	ADYASHA NANDA	210409120039	
39	MOUSUMI MANSWANI PATRA	210409120040	
40	SUBHAM PRASAD	210409120041	Subham Prasad
41	ANISH KUMAR	210409120042	Anish Kumar

41	ANGEL HORO	210409120042	Angel Horo
----	------------	--------------	------------

42	PRATYUSH KUMAR PATHY	210409120043	
43	SHRUTI SINGH	210409120044	Shruti
44	SHANU SINGH	210409120045	Shanu Singh
45	SOHAN SHANKAR NAYAK	210409120047	Shohan Shanka Nayak
46	SANGRAM SAHOO	210409120050	Sangram Sahoo
47	ADYASHA MOHANTY	210409120051	
48	AYUSH AGRAWAL	210409120052	Ayush Agrawal
49	BIBHUTI BHUSHAN PATRA	210409120053	Bibhuti Bhushan Patra
50	SHAIK SHEZAD ALI QUADRI	210409120055	Shaiq Shezad Ali Quadri
51	AYUSH PRASAD PADHI	210409120056	Ayush Prasad Padhi
52	DINESH KUMAR	210409120057	
53	KUNJESH KAUSHAL	210409120058	Kunjesh Kaushal
54	SUMEET SOURAV PRADHAN	210409120059	
55	RAJVARDHAN PRATAP SINGH	210409120060	
56	YASHVARDHAN PRATAP SINGH	210409120061	
57	DEBADATTA PANDA	210409120062	Debadatta Panda
58	LOPAMUDRA MOHANTY	210409120063	
59	ALEKHA KUMAR SAHOO	210409120064	Aleekha Ku Sahoo
60	S. K HABIBUR ALI	210409120065	S.K. Habibur Ali
61	GLORY PETER	210409120066	Glory Peter
62	SURAJ KUMAR SAHU	210409120067	Suraj K. Sahu
63	AMIT KUMAR GUPTA	210409120068	Amit Kumar Gupta
64	MONALISHA ORAM	210409120069	Monalisha Oram
65	AMRUT SPANDAN PUJARI	210409120070	Amruti S. Pujari
66	PAULOMI SENGUPTA	210409120071	
67	ARPITA DAS	210409120072	Arpita Das
68	AMAN KUMAR SAH	210409120073	
69	SEWAKJEET SINGH	210409120074	Sewakjeet
70	ASHUTOSH SWAIN	210409120075	
71	BISWAJEET SAMANTARAY	210409120076	Biswajeet Samantaray
72	UTKAL KUMAR SANDH	210409120078	Utkal Ku. Sandha
73	RAJ PRASAD DUTTA	210409120079	Raj Prasad
74	RAHUL KUMAR SAHANI	210409120080	Rahul Kumar Sahani
75	VIKASH NAYAK	210409120081	
76	CHIRAG SINGH BASNET	210409120082	
77	DEEPAK KUMAR	210409120083	
78	MUSKAN SINGH	210409120085	Muskan
79	REENA SOREN	210409120086	Reena Soren
80	SOURAV PATRA	210409120087	
81	PAPPU KUMAR MEHTA	210409120092	Pappu Kumar Mehta
82	RUCHI SHARMA	210409120094	
83	SHEETAL MOHANTY	210409120095	
84	ROHIT KUMAR SHARMA	210409120096	Rohit Kumar Sharma
85	ABINASH CHETIA	210409120097	Abinash Chetia
86	SATTWIK BHAKAT	210409120098	
87	PRABHUDATTA MALLIK	210409120100	Prabhu Datta Mallik
88	SUBHAJIT PAIRA	210409120101	Subhrajit Paira

Faculty Coordinator

K Patjoshi

Pramod Kumar Patjoshi



## Live Streaming of PM address on Vikasit Bharat@2047

The BBA students and faculty members joined the live streaming of the Prime Minister's Address on Vikash Bharat @2047 in the MBA seminar hall on 11<sup>th</sup> December 2023. It was a motivational session and the students actively participated in the event.

Event Name : Live streaming of the Prime Minister's Address on Vikash Bharat @2047

Date :11 December 2023

Venue : MBA Seminar Hall

Time :10 am


### Photos







## Attendance Sheet

 <b>Centurion</b> UNIVERSITY <small>Shaping the Future</small>	<b>Centurion University of Technology and Management</b> <b>Paralakhemundi Campus</b>		
<b>Attendance Sheet</b>			
Topic-Live Streaming of Vikasit Bharat @2047 Utsav Inagural			
By-Hon'ble Primenister			
Dep:-SoM		Venu:-MBA Seminar Hall	
Date:- 11.12.2023		Time:- 10:00AM Onwards	
Sl.No	Name of the Students	Regd.No	Signature
1	SALLA KARTHIK	230209120001	S. Karthik
2	KARAN SINGH	230209120002	K. Singh
3	DOKA PRASOONA	230209120003	D. Prasanna
4	TELAGAMSETTY KUSHAL	230209120004	T. Kushal
5	SNEHA SNIGDHA BISHOYI	230209120005	S. Sneha
6	JOGENDRA POLLAI	230209120006	JOGENDRA POLLAI
7	Chaitanya Madabhaktula	230209120007	
8	POLAKI USHASREE	230209120008	P. Ushasree
9	GIFTSON MAHAPATRA	230209120009	G. Mahapatra
10	ANUPAMA PRADHAN	230209120010	A. Pradhan
11	INDRAJEET UPADHYAY	230209120011	I. Upadhyay
12	RUSTAM KUMAR	230209120012	
13	BALAJI MAHANTY	230209120013	B. Mahanty
14	KHUSHI KUMARI	230209120014	
15	MUSHKAN KUMARI	230209120015	M. Kumari
16	RAJEEV KUMAR	230209120016	R. Kumar
17	SUNASOGODO TAPASWINI	230209120017	S. Tapaswini
18	SMRUTI SIKHA MOHANKUDO	230209120018	S. Mohankudo
19	KORADA PRASANNA	230209120019	K. Prasanna
20	NASTAIN .	230209120020	N. Nastain
21	SANJAY PANDA	230209120021	S. Panda
22	PRADEEP KUMAR PANIGRAHI	230209120022	P. Panigrahi
23	SAMPARA SRAWANI	230209120023	S. Srawani
24	ABHISHEK PANDA	230209120024	A. Panda
25	SHAKTI PRADA PATRO	230209120025	S. Patro

26	SAVARA SANTOSH KUMAR	230209120026	S. Santosh Kumar
27	KONCHADA LAVYA	230209120027	K. Lavya
28	SASANAM KARTHIK	230209120028	
29	TEKKALI SWETA	230209120029	Sweta
30	PAILA KIRAN	230209120030	P. Kiran
31	KOTTAPALLI VAISHNAVI	230209120031	Kottapalli Vaishnavi
32	ALLU PREETI	230209120032	
33	DANNANA VARUN KUMAR	230209120033	D. Varun Kumar
34	GACHUPENDI HIMAGIRI	230209120034	
35	NEMALIPURI SOUMYA	230209120035	N. Soumya
36	PONUEL MISHAL	230209120036	Ponuel Mishal
37	MANAS RANJAN BISWAL	230209120037	Manas Ranjan Biswal
38	PINNINTI GANESH	230209120038	P. Ganesh
39	KILLARI GANESH	230209120039	
40	MOSA VANAJAKSHI	230209120040	M. Vanajakshi
41	JALLANDA PRIYANKA	230209120041	Priyanka
42	RELLI ARAVIND	230209120042	
43	PICHUKA ANUSHA	230209120043	
44	CHATTI JOSHINI	230209120044	Ch. Joshini
45	ADAPA KEERTHI CHANDU	230209120045	A. Keerthi Chandu
46	SANDEEP SAHA	230209120046	Sandeep Saha
47	KUNAL KUMAR	230209120047	
48	JITENDRA KUMAR	230209120048	Jitendra Kumar
49	BIRCHANDRA KUMAR	230209120049	
50	YABAJI SATYASAI	230209120050	Y. Satya Sai
51	AMAN KUMAR	230209120051	Aman Kumar
52	ADARSH KUMAR JAISWAL	230209120052	
53	JEEVAAN JAISWAL	230209120053	Jeevaan Jaiswal
54	SHASHIKALA KUMARI	230209120054	Shashikala Kumari
55	SATISH PANDA	230209120055	
56	MINTU KUMAR	230209120056	
57	MOHIT KUMAR	230209120057	
58	PRIYANSHU KUMAR	230209120059	
59	LINGALA VENKATA PRUDHIV	230209120060	Lingala Venkata Prudhiv
60	NAJIR ALAM	230209120062	Najir Alam



61	ANIKET KUMAR	230209120063	
62	JAMI GAGAN	230209120064	
63	HANUMANTU GAGAN	230209120065	H. Gagan
64	SIMHADRI LEEPIKA	230209120066	S. Reepika
65	HONY KUMARI	230209120067	
66	GANTA PALLAVI	230209120068	G. Pallavi

26<sup>th</sup> June 2024, Session-01

**A Report**  
**on**  
**“Making Research Memorable, Publishable and Impactful:  
Appreciation and Understanding Data needs”**

**Prof. Rabi Narayan Subudhi, CUTM (SoM)**

**Formerly with: KIIT, VIT, BU,**

*Former Editor, UGC CARE listed journals*

**Time: 10:00AM to 11:15AM**

**Speaker's Profile:** Prof. Subudhi is a Senior Professor of Management with a total teaching experience of over 34 years, presently with School of Management, KIIT Bhubaneswar. Earlier, he served Berhampur University Odisha for 20 years, and VIT University Vellore for 1 year. In 2007, he joined KIIT University as Professor of Management. He was Chairperson of MBA Prog of KIIT University, for over 4 years. After completing Masters & M. Phil. degree in Statistics, he completed his Ph.D. (in Management), with Senior Fellowship (SRF) from CSIR. He is also an alumnus of IIM Ahmedabad, where he completed FDPM. Currently he is associated with Centurion University of Technology and management as an Adjunct Professor

**Research & Publications:**

He has published/ edited ten books and over 75 research papers. He writes popular articles for

regional newspapers regularly. He is the former editor of Journals & magazines like, Strategy

(Management Research Journal of Berhampur University). Presently he is presently the Chief

Editor of peer-reviewed Management Research Journal Parikalpana (of KIIT University. Ten research scholars have already got Ph.D. under his supervision.

He has presented research papers in over 60 conferences (including 25 International conferences,

in countries like USA, UK, Australia, Singapore, Nepal, Bhutan and India).

He is former President of Operational Research Society of India (ORSI) – Bhubaneswar chapter

**OBJECTIVE**

The objective of this session was

- Enhancing research quality and credibility was the key objective of this session. Understanding the importance of accurate and reliable data to ensure research validity. Learning how to design robust studies and employ appropriate data analysis techniques.
- To make the research memorable and the techniques to present research findings in a compelling and memorable way. Using data visualization tools to enhance the communication of complex data.

- Familiarizing with the standards and expectations of peer-reviewed journal. Learning how to structure and present research to meet the criteria of academic journals. Insights into how to navigate the peer review process effectively which ensures memorable publications
- Strategic planning for impactful research encouraging collaboration with other researchers and institutions. Learning how to assess the impact of your research over time.

## OUTCOMES

### 1. Enhanced Data Literacy

- **Improved Understanding of Data Types and Sources:** Participants will gain knowledge about various types of data (qualitative, quantitative, big data, etc.) and their respective sources.
- **Proficiency in Data Management:** Enhanced skills in data collection, cleaning, and preparation, ensuring data integrity and reliability.

### 2. Better Research Design and Methodology

- **Stronger Research Designs:** Ability to design robust research studies with clear, testable hypotheses and appropriate methodologies.
- **Effective Data Analysis:** Proficiency in selecting and applying suitable data analysis techniques to derive meaningful insights.

### 3. Increased Research Visibility and Impact

- **Effective Communication:** Improved ability to present research findings in a clear, compelling, and memorable manner.
- **Enhanced Data Visualization:** Skills in using visual aids to effectively communicate complex data to a broader audience.

### 4. Improved Publication Success

- **Knowledge of Publication Standards:** Understanding the requirements and expectations of academic journals and other publication platforms.
- **Effective Manuscript Preparation:** Skills to write and format research papers in a way that meets publication criteria and attracts positive peer reviews.

### 5. Broadened Ethical Awareness

- **Ethical Data Use and Management:** Understanding ethical considerations in data collection, use, and sharing.
- **Commitment to Transparency and Reproducibility:** Knowledge of practices that promote research transparency and the ability to reproduce results.

### 6. Practical Skills and Tool Proficiency

- **Use of Data Tools:** Familiarity with various data analysis and visualization tools and software.

- **Research Management Skills:** Enhanced ability to manage research projects, including data organization and project documentation.

## 7. Enhanced Ability to Reach and Engage Audiences

- **Audience Identification:** Skills to identify and target relevant audiences for research dissemination.
- **Outreach and Engagement:** Strategies to effectively communicate research findings to both academic and non-academic audiences.

## 8. Increased Networking and Collaboration Opportunities

- **Building Research Networks:** Ability to connect with other researchers, institutions, and data communities for potential collaborations.
- **Participation in Open Science:** Engagement with open data and open science initiatives to enhance research impact.

## 9. Strategic Research Planning

- **Long-term Impact Focus:** Skills to plan and execute research with a focus on long-term societal impact.
- **Impact Monitoring:** Knowledge of methods to monitor and evaluate the impact of research over time.

## 10. Greater Awareness of the Data Landscape

- **Data Source Identification:** Improved ability to locate and utilize various data sources relevant to research topics.
- **Big Data Utilization:** Understanding how to leverage big data and advanced analytics to enhance research findings.

## 11. Skill Development for Future Research

- **Research Continuity:** Enhanced skills to ensure that future research projects are built on solid data foundations.
- **Adaptability to New Data Challenges:** Preparedness to tackle new data-related challenges in evolving research environments.

## 12. Practical Takeaways and Actionable Insights

- **Hands-on Experience:** Opportunities to apply learned concepts through practical exercises and real-world scenarios.
- **Actionable Insights:** Concrete steps and strategies that participants can immediately implement in their own research practices.

## DESCRIPTION

The purpose of this report is to provide descriptive learnings being undertaken in the following session. This session basically focused to equip participants with the knowledge and skills to enhance the quality, visibility, and impact of their research.



The report serves as a comprehensive record of the key takeaways and practical strategies discussed, ensuring that the valuable information shared is preserved for future reference. This documentation acts as a critical resource for participants, allowing them to revisit and apply the concepts in their own research endeavours, thereby reinforcing the session's t accessible.

Furthermore, the it emphasizes the importance of ethical and responsible research practices. By highlighting ethical considerations in data collection, management, and sharing, it encourages researchers to adhere to high standards of integrity and transparency. This aspect of the report is crucial in fostering a research environment that values ethical responsibility and accountability. It provides actionable recommendations and practical steps that researchers can take to enhance the memorability, publishability, and impact of their work. These guidelines are intended to help researchers effectively manage and utilize data, design robust studies, and communicate their findings to a wider audience. Overall, the report aims to empower researchers to produce high-quality, impactful research by providing them with the necessary tools and knowledge to navigate the complexities of data needs and research dissemination.

## CONCLUSION

Appreciation and Understanding Data Needs serves to document key insights and strategies for effective data management, ethical practices, and impactful research communication. It aims to provide researchers with actionable recommendations to enhance the quality, visibility, and societal impact of their work. By highlighting best practices in data collection, analysis, and reporting, the report ensures that research findings are robust, ethically sound, and widely disseminated, ultimately contributing to a more informed and engaged academic community.





## Workshop Report: Marketing of Financial Services

Resource Person: Mr. Orayas Mishra

Date: 13<sup>th</sup> February 2023

Venue: Koutilaya Building

Organizer: School of Management

Participants: Students of MBA 4<sup>th</sup> Semester

### Objective:

The primary objective of the workshop on marketing of financial services was to provide insights and strategies to professionals in the financial sector on effectively promoting their services in a competitive market landscape. The workshop aimed to enhance participants' understanding of marketing principles tailored to the financial services industry.

### Key Highlights:

**Industry Trends and Challenges Analysis:** The workshop commenced with an overview of current trends and challenges in the financial services sector. Participants gained insights into evolving consumer preferences, regulatory changes, technological advancements, and competitive dynamics shaping the industry.

**Understanding Customer Behavior:** A significant focus was placed on understanding customer behavior and preferences in financial decision-making. Through case studies and interactive sessions, participants delved into the psychological factors influencing consumer choices and explored ways to align marketing strategies with customer needs.

**Digital Marketing Strategies:** Given the increasing importance of digital channels in reaching and engaging customers, the workshop featured sessions dedicated to digital marketing strategies specific to financial services. Topics included search engine optimization (SEO), content marketing, social media advertising, and email marketing tailored to comply with industry regulations.

**Building Trust and Credibility:** Establishing trust and credibility is paramount in financial services marketing. Participants learned strategies to effectively communicate the value proposition of their services, leverage client testimonials, and adhere to ethical standards to foster long-term relationships with clients.

**Compliance and Regulatory Considerations:** Compliance with regulatory requirements is crucial in financial services marketing to mitigate risks and maintain trust. Expert speakers provided guidance on navigating regulatory frameworks, ensuring transparency in marketing communications, and staying updated with industry regulations.

**Innovative Marketing Approaches:** The workshop showcased innovative marketing approaches adopted by leading financial firms to differentiate themselves in the market. Participants explored techniques such as personalized marketing, gamification, and storytelling to create memorable brand experiences and attract and retain customers.

**Networking Opportunities:** Beyond the structured sessions, the workshop provided ample networking opportunities for participants to connect with industry peers, share insights, and foster collaborations. Networking sessions facilitated knowledge exchange and allowed participants to expand their professional network.

#### Outcome

The workshop on marketing of financial services provided a comprehensive platform for professionals to enhance their marketing skills and strategies in the dynamic financial services landscape. Participants gained valuable insights into industry trends, consumer behavior, digital marketing tactics, and regulatory compliance, empowering them to develop effective marketing campaigns and drive business growth. The interactive nature of the workshop fostered engagement and facilitated meaningful discussions, contributing to a rich learning experience for all attendees.





# List of Participant

## MBA, Semester\_IV

Sr.	Student	Roll No	Signature of Students
1	AMIT KUMAR MALLA	220402100001	Amit kumar malla
2	AMISHA KAR	220402100002	Amisha Kar
3	DEBASIS SAHOO	220402100003	Debasish Sahoo
4	ABHISEK BARIK	220402100004	Abhisek Barik
5	ROHAN SAHOO	220402100005	Rohan Sahoo
6	PIYUSH MAHAKUD	220402100006	Piyush mahakud.
7	BIBEK MOHAPATRA	220402100007	
8	RAJESH KUMAR DAS	220402100008	
9	PANIGRAHI	220402100009	Sandeep Narayan Panigrahi
10	BIKASH DASH	220402100010	
11	DIPTIRANJAN NAYAK	220402100011	Diptirajan Nayak
12	ASUTOSH SWAIN	220402100012	Asutosh swain
13	SMARAK KUMAR BEHERA	220402100013	Smarak Ku. behera
14	SHIKSHA KUMARI	220402100014	Shiksha Kumari
15	MONALISHA PRADHAN	220402100015	
16	DEBASHIS MAHAPATRA	220402100016	
17	SAURAVA KUMAR DATTA	220402100017	Saurava Ku Datta
18	SONALIKA SAHOO	220402100018	Sonalika Sahoo
19	SWAIN	220402100019	
20	PRUTHWIRAJ SAHU	220402100020	
21	ANKITA PATTANAIK	220402100021	Ankita Pattanaik
22	G PALLAVI PRIYADARSHINI	220402100022	
23	ADITYA MOHAN ACAHARYA	220402100023	Aditya Mohan Acharya
24	SUSHANTA KUMAR ROUT	220402100024	Sushanta Ku Rout
25	AMAN KUMAR DHURIA	220402100025	Aman Kumar Dhuria
26	KISHOR ROUT	220402100026	Kishor Rout
27	PRAKASH SAHOO	220402100027	Prakash Sahoo
28	ITISHREE SAHOO	220402100028	
29	AYUSHEE MOHANTY	220402100029	
30	PRIYANKA ACHARYA	220402100030	

31	ROHAN SAHOO	220402100031	Rohan Sahoo
32	RAMESH DAS	220402100032	
33	SUJAN SARKAR	220402100033	
34	SHIBAJIT DAS	220402100034	
35	SUBHASHREE SAHOO	220402100035	
36	ANKITA BEHERA	220402100036	Ankita Behera
37	ARADHYA MUNDRA	220402100037	
38	PRIYABRATA MOHANTA	220402100038	Priyabrat
39	SIMHADRI BHAVANA	220402100039	Simhadri
40	AYUSMAN PANIGRAHY	220402100040	
41	RAGHUNATH SENAPATI	220402100041	Raghunath Senapati
42	MOUSUMI DAS	220402100042	
43	ABHISEKH SETHY	220402100043	Abhisekh Sethy
44	SUBODH KUMAR MEHER	220402100044	
45	TAPAS KUMAR NAYAK	220402100045	Tapas K. Nayak
46	THYADI TARUN	220402100046	T. Tarun
47	BISWABHUSAN PATTANAIK	220402100047	
48	RAVI PAREEK	220402100048	
49	MOHAN DORA	220402100049	
50	MOHAN DORA	220402100050	Mohan Dora

Faculty Coordinator

Pratjoshi

Pramod Kumar Patjoshi



## **REPORT**

- ✓ **TOPIC:** Navigating the Management trainee Program at Banks & Financial Institution
- ✓ **DATE:** 19.08.2023
- ✓ **RESOURCE PERSON:** Subhendu Roy

### **About to Resource Person:**

He is an Independent advisor in Finance and Strategy Advisory work covers areas in investment banking, M&A advisory, restructuring and turnaround management, project development, debt syndication, equity/ mezzanine financing, Corporate/ Business Strategy development, Market entry strategy.

These are the following things which were discussed in the workshop;

### **1.Financial Institutions**

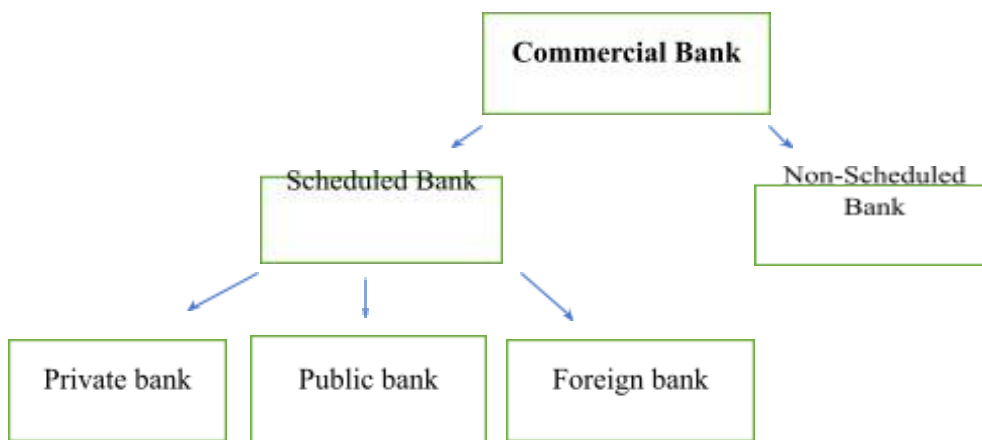
- ☐ **What is Banking?**
- ✓ Banking is the industry that allows people and businesses to deposit, borrow and transfer money. The banking industry has been an important part of the economy ever since humans started using money.
- ☐ **Why We need the Banking Concept in management?**
- ✓ Studying Banking and Finance provides you with the foundation for a broad range of careers across banking, brooking, consulting, funds management, insurance and superannuation. You may work with corporate, in financial markets or with government. It is also a discipline that can take you anywhere in the world.



□ **Banks can be classified into various types. Given below are the bank types in India:-**

- ✓ Central Bank
- ✓ Cooperative Banks
- ✓ Commercial Banks
- ✓ Regional Rural Banks (RRB)
- ✓ Local Area Banks (LAB)
- ✓ Small Finance Banks
- ✓ Payments Banks

**Types of Commercial Bank:**



□ **Who are the Credit Officers?**

- ✓ Also known as loan officers, credit officers work at financial institutions and assist clients with loan applications. Their duties include screening loan requests, evaluating clients' financial information, assessing risk ratios, and presenting approved or rejected loans to management.



## **2. Management Trainee Program**



## ☐ **What is Management Trainee Program ?**

- ✓ A management training program is an extensive training program designed for self-motivated trainees to explore various departments within a certain company. It aims to prepare young leaders for future management roles by familiarizing them with the ins and outs of an organization.



## ☐ **Most Significant Features of Management Trainee Program**

- ✓ Purpose
- ✓ Structure
- ✓ Duration
- ✓ Skill sets
- ✓ Mentoring
- ✓ Outcome/Filament

## ☐ **Objectives of Management Trainee Program(MTP)**

- ✓ Displaying Our Strengths
- ✓ Improvising Interpersonal Skill
- ✓ Improving Weak Areas
- ✓ Continue Learning
- ✓ Getting the most out of your Mentor
- ✓ Getting the role that you want



#### ❑ **Ways To Enhance Career opportunity in MTP**

- ✓ Start building strong network
- ✓ Communicate effectively (to the point -precisely)
- ✓ Be Self aware and self sufficient

#### ❑ **Prepatory Tasks:**

- ✓ Creating a strong CV & Cover letter
- ✓ Social Media hygiene
- ✓ Practice Group discussions and Interview preparations
- ✓ Practice General Aptitude & gain Industry knowledge



# **A session report on “Publication Ethics”**

## **Resource Person**

Prof. Supriya Pattanayak  
*Vice Chancellor, CUTM, Odisha*  
And

*Smita Mishra Panda, Director Research*

26<sup>th</sup> June 2024, Session-02  
Time: 2:00 PM to 4:00 PM

## **Speaker's Profile**

Prof. Supriya Pattanayak is a Vice Chancellor of Centurion University of Technology and Management, Odisha. She has been instrumental in transforming the landscape of skill-integrated higher education in India. Under her leadership, Centurion University has emerged as a beacon of change, providing sustainable livelihood opportunities and empowering communities through education. She emphasised and gave many talks on ethics-based lectures in and outside the university.

## **OBJECTIVE**

The objectives of this session are

- Recognise various ethical values in Publication.
- Make use of various guidelines available at national and international levels.

## **OUTCOMES**

### **1. Research Process or lifecycle of research:**

Participants received more light on the research process in the following areas.

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| ✓ Problem Identification              | ✓ Communication with stakeholders |
| ✓ Formulate research objectives       | ✓ Formulate recommendations       |
| ✓ Identify suitable methodologies     | ✓ Draw conclusion                 |
| ✓ Prepare data collection instruments | ✓ Analyse data                    |
| ✓ Pre-test                            | ✓ Collect data                    |

## 2. Publishing research findings:

Participants are encouraged to publish their research work for their benefit and society in the following points.

- ✓ Helps in career progression
- ✓ Allow us to communicate our research findings to various stakeholders
- ✓ Identifies research gaps and areas for future research
- ✓ Increases ability to influence practice

## 3. Components of publication ethics:

The participants imbibe the component of publication ethics in detail on the points below.

- ✓ Ethics review/breach of confidentiality
  - ✚ Ethics approval for research with human subjects or animals
  - ✚ Informed consent/Age appropriate assent
  - ✚ Data confidentiality
- ✓ Falsification and Fabrication
  - ✚ If research is not generated by your research (fabrication) or if it is generated by manipulation of data (falsification)
  - ✚ Have to retain data for a relatively long period
- ✓ Authorship
  - ✚ Confers credit, implies responsibility and accountability of the published work
  - ✚ Each author should be clear about their responsibility
  - ✚ It is mandatory to declare the contribution of each author
  - ✚ Decide on the authorship at the outset
- ✓ Plagiarism
  - ✚ Use of previously published manuscript by someone for their manuscript or unreferenced use of others' published or unpublished work without consent, credit or acknowledgement.
  - ✚ Most common is 'copy-paste' – write the concept in your own words
  - ✚ Use software tools – Turnitin and many more
- ✓ Ethics related to submission
  - ✚ Simultaneous submission
  - ✚ Duplicate submission
  - ✚ Self-citation
  - ✚ Predatory journals (UGC CARE)



✓ Conflict of Interest

✚ Financial, personal, social or other interest that directly or indirectly influences the conduct of the author with respect to the manuscript

✚ Disclose the conflict of interest

#### 4. Checklist for publication ethics

The overall or final checklist of publication ethics is discussed here

- ✓ Approval and consent
- ✓ Data accuracy, falsification and fabrication
- ✓ Plagiarism and self-plagiarism

### DESCRIPTION

The session is one of the most important parts of an academic career. The discourse and discussion in this session lighted up thoughts and minds in a deeper sense. This session mainly focused on the ethical issues of publication as an academician.

Prof. Pattanayak discusses the literal meaning of ‘publication ethic’, where publication is disseminating knowledge to the public and ethics is its authentic moral value. It can be concluded as the publication of one’s research work with authenticity. Throughout her lecture, the speaker focuses on the ethics an academician should have while researching until the work is published. She gives many examples of unauthentic publications and works that an academician should avoid.

The present-day witnesses the increase of unethical research work, but an academician must abide by authentic research works, starting from choosing the research topic, problem identification, objectives, methodologies, and framing the work till it is published.

Publishing academic work not only helps exchange knowledge with others but also gives career benefits and shares different world views with others. It collaborates in building more knowledge of the subject.

A researcher should follow proper values while doing research and publication. People involved in the research should be appropriately recognised, and ideas taken must be properly cited to avoid plagiarism. Falsification and fabrication in any way should be avoided because the outcome and result of the hard work might be void. Self-plagiarism is also one of the most important things academicians should avoid.

## CONCLUSION

A researcher must do authentic research and be honest while publishing his/her research work. The author must acknowledge all the help s/he received in publishing their work. S/he should avoid plagiarism; if others' ideas are used, they must be appropriately cited and mentioned from where they are taken. Publication ethics is one of the vital parts of being an academician.

# **Reports on Guest Lecture**

**Guest- Adv. Bhumesh Verma**

**Topic: - Contract Drafting & Negotiation**

**Date: 23.02.2024**

## **Introduction:**

Contract drafting and negotiation are integral components of business transactions, legal agreements, and partnerships. Effective drafting and negotiation are essential for creating clear, concise, and mutually beneficial contracts that protect the interests of all parties involved. This report aims to provide an overview of contract drafting and negotiation, highlighting key principles, strategies, and best practices.

## **Key Components of Contract Drafting:**

### **1. Clarity and Precision:**

Contracts must be drafted with clarity and precision to avoid ambiguity and potential disputes. Clear language, defined terms, and unambiguous clauses are essential for conveying the intentions of the parties accurately.

### **2. Comprehensive Scope:**

Contracts should address all relevant aspects of the agreement, including obligations, responsibilities, deliverables, timelines, payment terms, and dispute resolution mechanisms. A comprehensive scope helps minimize uncertainties and ensures that all parties have a clear understanding of their rights and obligations.

### **3. Risk Allocation:**

Contract drafting involves identifying and allocating risks between the parties. Provisions such as indemnification clauses, limitation of liability, and force majeure clauses define the extent of each party's liability and responsibility in various scenarios.

### **4. Legal Compliance:**

Contracts must comply with applicable laws, regulations, and industry standards. Legal review and compliance checks are crucial to ensure that contracts are enforceable and valid under relevant legal frameworks.

### **5. Flexibility and Adaptability:**

Contracts should be drafted with flexibility to accommodate changes in circumstances or unforeseen events. Provision for amendments, termination clauses, and mechanisms for resolving disputes can help parties adapt to changing business realities.

## **How We Draft a Contract:**

Drafting a contract involves several sequential steps to ensure that the document accurately captures the intentions and agreements of the parties involved. Here's a step-by-step guide on how to draft a contract:

1. **Understanding the Purpose:**  
Begin by clearly understanding the purpose and objectives of the contract. Identify the parties involved, the subject matter of the agreement, and the desired outcomes.
2. **Gather Information:**  
Collect all relevant information, documents, and background details related to the contract. This may include previous agreements, correspondence, specifications, and any legal or regulatory requirements.
3. **Define the Terms:**  
Define key terms and concepts used in the contract to ensure clarity and understanding. Use precise language and provide definitions for terms that may have multiple interpretations.
4. **Outline the Agreement:**  
Create an outline or structure for the contract, outlining the main sections and sub-sections. This helps organize the content and ensures that all necessary provisions are included.
5. **Include Necessary Provisions:**  
Draft the substantive provisions of the contract, including obligations, responsibilities, rights, and remedies of the parties. Address all relevant aspects of the agreement, such as payment terms, delivery schedules, warranties, and indemnification.
6. **Consider Legal Requirements:**  
Ensure that the contract complies with all applicable laws, regulations, and industry standards. Include provisions to address legal requirements, such as regulatory compliance, data protection, and intellectual property rights.
7. **Allocate Risks and Liabilities:**  
Address risks and liabilities associated with the contract by including provisions such as limitation of liability, indemnification, and insurance requirements. Clearly define each party's responsibilities and obligations to minimize potential disputes.
8. **Include Dispute Resolution Mechanisms:**



Specify procedures for resolving disputes between the parties, including negotiation, mediation, arbitration, or litigation. Define the steps, timelines, and requirements for each dispute resolution mechanism.

## **Negotiation in a Business-House:**

Negotiation in a business context is a strategic process aimed at reaching mutually acceptable agreements between parties involved in a transaction, partnership, or deal. Here's a guide on how to negotiate effectively in a business setting:

### **1. Preparation:**

- **Understand Your Goals:** Clarify your objectives, priorities, and desired outcomes for the negotiation.
- **Know Your Limits:** Determine your bottom line and any non-negotiable terms or conditions.
- **Research:** Gather information about the other party, their interests, preferences, and any relevant market or industry trends.
- **Identify Alternatives:** Develop alternative options and strategies in case the negotiation does not result in a satisfactory agreement.

### **2. Build Rapport:**

- **Establish a Positive Relationship:** Create a friendly and professional atmosphere by building rapport with the other party.
- **Listen Actively:** Practice active listening to understand the other party's concerns, interests, and objectives.
- **Show Respect:** Demonstrate respect for the other party's perspectives, opinions, and preferences.

### **3. Clarify Interests:**

- **Explore Interests:** Identify underlying interests, needs, and priorities driving the other party's position.
- **Share Your Interests:** Clearly articulate your own interests, goals, and concerns to ensure mutual understanding.

### **4. Create Value:**

- **Seek Win-Win Outcomes:** Focus on creating value and finding solutions that satisfy the interests of both parties.

- **Generate Options:** Brainstorm creative solutions and alternative proposals that address the needs and interests of both sides.
- **Trade-offs:** Be willing to make concessions and trade-offs to achieve a mutually beneficial outcome.

5. **Communicate Effectively:**

- **Be Clear and Concise:** Use clear, straightforward language to convey your message and avoid misunderstandings.
- **Ask Questions:** Seek clarification and ask open-ended questions to encourage dialogue and gather information.
- **Manage Emotions:** Keep emotions in check and remain calm, composed, and professional throughout the negotiation process.

6. **Negotiate Strategically:**

- **Anchor Effectively:** Set the tone of the negotiation by presenting an initial offer or proposal that is reasonable but favorable to your position.
- **Make Counteroffers:** Respond to the other party's proposals with counteroffers that balance your interests and objectives.
- **Use Time Wisely:** Manage the pace and timing of the negotiation to maintain momentum and prevent deadlock.

7. **Focus on Solutions:**

- **Problem-Solve:** Approach obstacles and disagreements as opportunities to collaborate and find creative solutions.
- **Avoid Positional Bargaining:** Shift focus from positional bargaining to interest-based negotiation, where parties work together to address underlying needs and interests.

8. **Document and Formalize Agreements:**

- **Document Agreement:** Once consensus is reached, document the terms and conditions of the agreement in writing.
- **Review and Finalize:** Review the agreement with all parties involved to ensure accuracy, clarity, and completeness.



**Registration No, of All Under Graduate Students**

<b><u>Name</u></b>		<b><u>Registration No</u></b>
Snehashree Parida	-	234609150008
Saismruti Kiran	-	234609150002
Swati Sagarika Das	-	234610170004
Shreya shree Dash	-	234609150007
Smrutiparna Pradhan	-	234610170006
Sriteek Choudhary	-	234609150005
Jeetamitra Singhdeo	-	234610170002
Anish Tandi	-	234609150006
Swayam Prakash Sahoo	-	234609150003
Md Saddam Hussain	-	234610170003
Biswa Smruti Divya Prakash Patra	-	234610150001
Dipasha Sethi	-	234610170005
Shrutipriya Dash	-	234610170007

**Registration No, of All LLM Students**

<b><u>Name</u></b>		<b><u>Registration No</u></b>
Lalita Manjari Patanaik	-	234611130005
Ashmita Patanaik	-	234611130001
Mirza M. Baig	-	234611130003
Pritiman Patro	-	234611130002

Ananda Chandra Swain	-	234611130004
Dr. Susanta Kumar Mishra	-	234611130006



**A Report on the FDP Topic**  
**Research Dynamics**  
**29th June 2024**  
**Session -2**  
**Time' -2.30pm to 3.30 pm**

**Resource person** -Dr. Govind Rajan Srinivasa

**Profile** -Director, vertical limit education. Former professor IIM, Kolkata, XIMB, Bhubaneswar. Now acting as Advisor to Centurion University, Bhubaneswar

**Objective** - To create awareness of research dynamics among faculty members and university students.

**Outcomes -**

1. Developing the attitude for Research

As everyone knows, without a positive attitude, Research can't be done. We must be inquisitive and interested in knowing the hidden truth. This type of spirit is to be developed.

2. Exploring the possibilities by solving the existing problems

All the problems are to be solved. We must find out the possibilities of the research area as well as the limitations.

3. Benefits of self as well as institution

We can develop ourselves as well as develop the institute where we are working. If we make any new research on any particular area, we can develop ourselves. It's a win-win situation.

4. Awareness For all the stakeholders for placement and admission

All the stakeholders of the university, like students, teachers, staff members and management, should try for the placement. It will enhance admission and research. If students get placed well, then students will be in large numbers for admission. We must unitedly work together to achieve the target.

**Conclusion** - At the end of the session, participants get inspired and motivated. They will go for innovation and research in different fields. They would work together to make it possible. All the stakeholders will now work hard to look after the placement of students and thereby increasing admission to the university.



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*






**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of seminar on CEO Talks- My Entrepreneurial Journey”**


Name of the event	CEO Talks- My Entrepreneurial Journey
Date of the event	22/01/2024
Name of coordinator	Dr. Chinmaya Kumar Dash
No. of attendees	150
Mode	Offline

**CEO Talks**





**My Entrepreneurial Journey**


**An Insight Out session with**



**Mr C K Kumaravel,**  
Co-Founder & CEO  
Naturals, India's largest salon chain

 **22<sup>nd</sup> Jan 2024**

 **11.00 am**

 **School of Management, Centurion University**

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

### **1. Introduction**

The concept was based the fact that one man can make a difference. Underscores the idea that individual actions, efforts, and decisions can have a significant impact on the world. This concept suggests that even in the face of daunting challenges or widespread issues, an individual has the potential to bring about positive change.

In the further stage the concept of Conscious and sub-conscious mind was highlighted. The concepts of the conscious and subconscious mind are fundamental to understanding how our minds process information, make decisions, and shape our behaviors. These terms are often associated with theories in psychology, particularly within the framework of psychoanalytic and cognitive theories.

### **2. Key Note**

He quoted two of the quotes stated by APJ Abdul Kalam which are:

- 1 – “Dream, Dream, Dream. Dreams transform into thoughts and thoughts result in action.”
- 2- “Failure will never overtake me if my definition of success is strong enough”
- 3- “Dream is not that which you see while sleeping it is something that does not let you sleep.”

### **3. Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by a Question answer round in which the questions asked are as follows:

- How to secure funds to start business?
- How to keep yourself away from all the negativity coming in the ways in the entrepreneurship process?

- How to describe small dreams?
- How to maintain the business in the competitive world ?
- How to adapt new ideas while maintaining the old business?
- Should we remain consistent in one dream or should we have alternatives for it?

#### **4. Learning Outcomes**

##### **1- Dream big dreams:** The size of one's dream should be large.

**Unleashing Creativity:** Dreaming big encourages creativity and imagination. When individuals allow their minds to wander into the realm of possibilities, they often come up with innovative ideas and solutions. It's about breaking free from conventional thinking and exploring the limitless potential of one's imagination.

**Setting Ambitious Goals:** Dreaming big involves setting goals that may initially seem unattainable. This can be both exciting and challenging. Ambitious goals push individuals to strive for excellence, fostering personal and professional growth. The process of working towards these goals can be just as rewarding as achieving them.

**Overcoming Challenges:** Big dreams often come with significant challenges. Pursuing these dreams requires resilience and determination. Overcoming obstacles becomes an integral part of the journey, teaching valuable lessons about perseverance and adaptability.

**Expanding Horizons:** Dreaming big encourages individuals to think beyond their immediate surroundings and circumstances. It promotes a broader perspective, helping people see opportunities and possibilities that they might have otherwise overlooked. This expanded outlook can lead to personal development and a greater understanding of the world.

**Inspiring Others:** Bold dreams have the power to inspire not only the dreamer but also those around them. By pursuing ambitious goals, individuals can become role models, showing others that it's possible to reach for the stars and achieve extraordinary things. This ripple effect can contribute to a culture of innovation and aspiration.

**Fulfillment and Satisfaction:** Achieving big dreams often brings a deep sense of fulfillment and satisfaction. The journey may be challenging, but the rewards can be immense. The satisfaction comes not just from reaching the destination but from the personal growth and development experienced along the way.

**Leaving a Legacy:** Dreaming big allows individuals to leave a lasting impact. Whether through groundbreaking innovations, meaningful contributions to society, or personal achievements, those who dream big have the potential to leave a positive legacy that can inspire future generations.



## 2- Start Small and keep moving:

"Start small and keep moving" encapsulates a philosophy of gradual progress and continuous momentum. This approach emphasizes the importance of taking initial steps, no matter how modest, and then consistently building upon those efforts. Here's an elaboration on the concept:

**Mitigating Overwhelm:** Starting small is a practical way to mitigate the feeling of overwhelm that often accompanies large or complex tasks. Breaking down a significant goal into smaller, more manageable steps makes the overall journey seem less daunting, allowing individuals to focus on immediate, achievable objectives.

**Building Confidence:** Small successes contribute to the building of confidence. Achieving smaller milestones provides a sense of accomplishment, reinforcing the belief that progress is possible. This growing confidence becomes a valuable asset, motivating individuals to tackle increasingly challenging tasks.

**Establishing Habits:** Starting small encourages the development of positive habits. Consistently engaging in small, manageable actions helps form routines that can be gradually expanded over time. Habits play a crucial role in sustaining long-term efforts and contribute to overall productivity.

**Learning and Iterating:** The process of starting small allows for continuous learning and improvement. Initial attempts may reveal insights and lessons that inform subsequent actions. This iterative approach enables individuals to adapt, refine strategies, and make informed decisions as they progress.

**Maintaining Consistency:** Consistency is key in any journey towards a goal. By starting with manageable steps, individuals can establish a rhythm of regular effort. This steady momentum, even if slow at first, is more sustainable over the long term than sporadic bursts of intense activity.

**Adapting to Challenges:** Starting small facilitates adaptability. Challenges and obstacles are inevitable, but by taking small steps, individuals can more easily adjust their approach when faced with setbacks. This adaptability is essential for overcoming difficulties and staying on course.

**Celebrating Progress:** Acknowledging and celebrating small victories along the way is crucial for maintaining motivation. Recognizing achievements, no matter how minor, provides positive reinforcement and encourages a positive mindset, fostering a sense of accomplishment and pride.

**Scaling Gradually:** As progress is made, individuals can gradually scale their efforts. What started as small steps can evolve into more substantial actions and accomplishments. This incremental scaling allows for sustainable growth without the risk of burnout.

**Building a Foundation:** Starting small serves as the foundation for larger endeavors. Each small step contributes to the overall structure of achievement. It's akin to laying bricks for a solid foundation before constructing a towering structure.

**Perseverance and Resilience:** The philosophy of starting small and keep moving embodies perseverance and resilience. It acknowledges that progress may be slow, but by consistently moving forward, individuals can weather challenges and setbacks with determination.

## **5. Conclusion**

Hence, I can conclude with the note that we have understood from the interaction that:

- 1- Real world life is different from the college life.
- 2- One has to be teachable and should learn from real life.
- 3- We should be ready to make our hands dirty.
- 4- In the beginning what you learn is more important than what you earn.
- 5- Work for a good boss; we should look for a boss who allows you to make mistakes.

# Centurion University of Technology and Management

School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6

Topic: CEO Talks, "My Entrepreneurial Journey",

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BBA, Semester\_VI

Sr.	Student	Roll No	Signature of Students
1	ANISHA LENKA	210409120001	
2	SANJEEBANI SWAIN	210409120002	
3	ABHISHEK MOHANTY	210409120003	
4	JYOTIRANJAN NAIK	210409120004	
5	SOUMYA MAHAKUDA	210409120005	Shaili Sharma
6	SHAILI SHARMA	210409120006	
7	NAMRATA SAHU	210409120007	Namrata Sahoo
8	P MAMTA KUMARI	210409120008	
9	NIKHIL RAJWADE	210409120009	Nikhil Rajwade
10	ARUNDHUTI HALDAR	210409120010	Arundhuti Haldar
11	NILESH KUMAR MAHATO	210409120011	Nilesh K. Mahato
12	DIVYA PURTY	210409120012	Divya Purty
13	FIROJ KUMAR KUNWAR	210409120013	Firoj Kumar
14	PRATIKSHYA ROUT	210409120014	Pratikshya Rout
15	SHUBHAM ADHIKARY	210409120015	
16	ITISMITA BARIK	210409120016	Itismita Barik
17	SAMBITOSH SAHU	210409120017	Sambitosh Sahu
18	AYUSMAN SAI TRIPATHY	210409120018	
19	ADITYA RAJ SAHU	210409120019	Aditya Sahu
20	AVINASH DUBEY	210409120020	Avinash Dubey
21	SAGAR BEHERA	210409120022	Sagar Behera
22	SIBAM ARYAN BEHERA	210409120023	Sibam Behera
23	ROHINI TIRKEY	210409120024	Rohini Tirkey
24	ISHITA VERMA	210409120025	Ishta
25	JASWINDER KAUR	210409120026	Jaswinder Kaur
26	KHUSHI CHAKRABORTY	210409120027	
27	MAHI AGARWAL	210409120028	MAHI AGARWAL
28	MRINMOY PAUL	210409120029	
29	NOSHEEN PARVEEN	210409120030	Nosheen Parveen
30	SATYAM KUMAR SINGH	210409120031	
31	AAVYA	210409120033	
32	PRITESH KUMAR	210409120034	
33	SOUMYA RANJAN JENA	210409120035	
34	CHAITRADEV JENA	210409120036	Tanmay Sahoo
35	TANMAY SAHOO	210409120037	
36	ANISH KUMAR AGARWALLA	210409120038	
37	MOUSUMI PARIDA	210409120039	
38	ADYASHA NANDA	210409120040	
39	MOUSUMI MANSWANI PATRA	210409120041	Mousumi Manswani
40	SUBHAM PRASAD	210409120042	Angel Hara
41	ANGEL HORA		

42	PRATYUSH KUMAR PATHY	210409120043	Shreuti
43	SHRUTI SINGH	210409120044	Sham Singh
44	SHANU SINGH	210409120045	<del>Shreuti</del> Saha Saha Nara
45	SOHAN SHANKAR NAYAK	210409120047	Sangam Saha
46	SANGRAM SAHOO	210409120050	
47	ADYASHA MOHANTY	210409120051	-Ayush - Ayush awal
48	AYUSH AGRAWAL	210409120052	Rishabh Mohan Patra
49	BIBHUTI BHUSHAN PATRA	210409120053	Chaitanya Mohan Patra
50	SHAIK SHEZAD ALI QUADRI	210409120055	Shreya Purohit Patra
51	AYUSH PRASAD PADHI	210409120056	
52	DINESH KUMAR	210409120057	Kunjesh Koushal
53	KUNJESH KAUSHAL	210409120058	
54	SUMEET SOURAV PRADHAN	210409120059	
55	RAJVARDHAN PRATAP SINGH	210409120060	
56	YASHVARDHAN PRATAP SINGH	210409120061	Debaraj Pando
57	DEBADATTA PANDA	210409120062	
58	LOPAMUDRA MOHANTY	210409120063	Meera K. Saha
59	ALEKHA KUMAR SAHOO	210409120064	S. K. Mahanta A. L.
60	S. K. HABIBUR ALI	210409120065	Niloy Peter
61	GLORY PETER	210409120066	Sunay K. Saha
62	SURAJ KUMAR SAHU	210409120067	Anrit Kumar Gupta
63	AMIT KUMAR GUPTA	210409120068	Monalisa Oram
64	MONALISHA ORAM	210409120069	Amrit S. Dey
65	AMRUT SPANDAN PUJARI	210409120070	
66	PAULOMI SENGUPTA	210409120071	
67	ARPITA DAS	210409120072	Auspita Das
68	AMAN KUMAR SAH	210409120073	
69	SEWAKJEET SINGH	210409120074	Sewakjeet
70	ASHUTOSH SWAIN	210409120075	
71	BISWAJEET SAMANTARAY	210409120076	Biswajeet Samantaray
72	UTKAL KUMAR SANDH	210409120078	Utkal K. Sandha
73	RAJ PRASAD DUTTA	210409120079	Raj Prasad
74	RAHUL KUMAR SAHANI	210409120080	Rahul Kumar Saha
75	VIKASH NAYAK	210409120081	
76	CHIRAG SINGH BASNET	210409120082	
77	DEEPAK KUMAR	210409120083	
78	MUSKAN SINGH	210409120085	Muskan
79	REENA SOREN	210409120086	Reena Soren
80	SOURAV PATRA	210409120087	
81	PAPPU KUMAR MEHTA	210409120092	Pappu Kumar Mehta
82	RUCHI SHARMA	210409120094	
83	SHEETAL MOHANTY	210409120095	
84	ROHIT KUMAR SHARMA	210409120096	Rohit Kumar Sharma
85	ABINASH CHETIA	210409120097	Abinash Chetia
86	SATTWIK BHAKAT	210409120098	
87	PRABHUDATTA MALLIK	210409120100	Prabhu Datta Mallik
88	SUBHAJIT PAIRA	210409120101	Subhjit Paira



**Centurion University of Technology and Management**

School of Management

Attendance Sheet for Seminar on Dt: 22.01.2024, Hall No: 6

Topic: CEO Talks, "My Entrepreneurial Journey".

Resource Person: Mr. C.K. Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BMS, Semester IV

Sr.	Student	Roll No	Signature of Students
1	SASWAT RANJAN GADATYA	220422100001	Saswat Ranjan Gadatya
2	SHRUTI SAHOO	220422100002	
3	TAMMUNA PARWIN	220422100003	Tammuna Parween
4	BIBEKANANDA BISWAS	220422100004	Bibek Ananda Biswas

**Centurion University of Technology and Management**  
School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6  
Topic: CEO Talks, "My Entrepreneurial Journey",

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

MBA, Semester IV

Sr.	Student	Roll No	Signature of Students
1	AMIT KUMAR MALLA	220402100001	Amit Kumar Malla
2	AMISHA KAR	220402100002	Amisha Kar
3	DEBASIS SAHOO	220402100003	Debasish Sahoo
4	ABHISEK BARIK	220402100004	Abhisek Barik
5	ROHAN SAHOO	220402100005	Rohan Sahoo
6	PIYUSH MAHAKUD	220402100006	Piyush Mahakud.
7	BIBEK MOHAPATRA	220402100007	
8	RAJESH KUMAR DAS	220402100008	Saurabh Kumar Panigrahi
9	PANIGRAHI	220402100009	
10	BIKASH DASH	220402100010	Diptiranjan Nayak
11	DIPTIRANJAN NAYAK	220402100011	Asutosh Swain
12	ASUTOSH SWAIN	220402100012	Smarak Ku. Behera
13	SMARAK KUMAR BEHERA	220402100013	Shiksha Kumari
14	SHIKSHA KUMARI	220402100014	
15	MONALISHA PRADHAN	220402100015	
16	DEBASHIS MAHAPATRA	220402100016	Saundhya K. Datta
17	SAURAVA KUMAR DATTA	220402100017	Sonalika Sahoo
18	SONALIKA SAHOO	220402100018	
19	SWAIN	220402100019	
20	PRUTHWIRAJ SAHU	220402100020	Ankita Pattanaik
21	ANKITA PATTANAIK	220402100021	
22	G PALLAVI PRIYADARSHINI	220402100022	Aditya Mohan Acharya
23	ADITYA MOHAN ACHARYA	220402100023	Sushanta Ku. Rout
24	SUSHANTA KUMAR ROUT	220402100024	Aman Kumar Dhara
25	AMAN KUMAR DHURIA	220402100025	Kishor Rout
26	KISHOR ROUT	220402100026	Prakash Sahoo
27	PRAKASH SAHOO	220402100027	
28	ITISHREE SAHOO	220402100028	
29	AYUSHEE MOHANTY	220402100029	
30	PRIYANKA ACHARYA	220402100030	

31	ROHAN SAHOO	220402100031	Lohan Sahoo
32	RAMESH DAS	220402100032	
33	SUJAN SARKAR	220402100033	
34	SHIBAJIT DAS	220402100034	
35	SUBHASHREE SAHOO	220402100035	
36	ANKITA BEHERA	220402100036	Ankita Behera
37	ARADHYA MUNDRA	220402100037	
38	PRIVABRATA MOHANTA	220402100038	Priyabrata Mohanta
39	SIMHADRI BHAVANA	220402100039	Simhadri Bhavana
40	AYUSMAN PANIGRAHY	220402100040	
41	RAGHUNATH SENAPATI	220402100041	Raghunath Senapati
42	MOUSUMI DAS	220402100042	
43	ABHISEKH SETHY	220402100043	Abhisekh Sethi
44	SUBODH KUMAR MEHER	220402100044	
45	TAPAS KUMAR NAYAK	220402100045	Tapas K. Nayak
46	THYADI TARUN	220402100046	T. Tarun
47	BISWABHUSAN PATTANAIK	220402100047	
48	RAVI PAREEK	220402100048	
49	MOHAN DORA	220402100049	
50	JAGANNATH BARIK	220402100050	Jagannath Barik
51	ABHIJIT DAS	220402100051	Abhishek Das
52	SOUMYARANJAN PRADHAN	220402100052	
53	PATHRLAPALLI MOHAN	220402100053	Path
54	PRIYANKA PATI	220402100054	
55	BIKI MOHANTA	220402100055	Biki Mohanta
56	ANJALI KUMARI	220402100056	
57	SURAJ KUMAR PRASAD	220402100057	

# Centurion University of Technology and Management

School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BCOM, Semester IV

Sr.	Student	Roll No	Signature of Students
1	SRIJEET HARICHANDAN	220415140001	Srijeet Harichandan
2	ANUSHKA SINHA	220415140002	Anushka Sinha
3	SATYAJIT BHATTACHARJEE	220415140003	Satyajit Bhattacharjee
4	RAHUL SAHA	220415140004	Rahul Saha
5	VIRAJ TIRIYA	220415140005	Viraj Tiriya
6	INDRAKHEE KARMAKAR	220415140006	Indrakhee Karmakar
7	MUSKAN JAIN	220415140007	Muskan Jain
8	POKHRAJ DARSANA	220415140008	Pokhraj Darsana
9	B. SOMEYA	220415140009	B. Someya
10	KRUTIBASH TRIPATHY	220415140010	Krutibash Tripathy
11	HITESH KUMAR MAHAPATRA	220415140011	Hitesh Kumar Mahapatra
12	SNEHA NAIK	220415140012	Sneha Naik
13	ADITYA PRASAD SAHOO	220415140013	Aditya Prasad Sahoo
14	INDRANI SAHOO	220415140014	Indrani Sahoo
15	SOURYA RANJAN KUNDU	220415140015	Sourya Ranjan Kundu
16	SUMAN KUMAR PATRA	220415140016	Suman Kumar Patra
17	BARSHARANI SAMAL	220415140017	Barsharani Samal
18	AYUSH KUMAR BARIK	220415140018	Ayush Kumar Barik
19	AYUSH PAIKRAY	220415140019	Ayush Paikray
20	AJAY KUMAR	220415140020	Ajay Kumar
21	DADDA RAVIKIRAN	220415140021	Dadda Ravikiran
22	GOURI SHANKAR PADHY	220415140022	Gouri Shankar Padhy
23	PRITI BAGH	220415140023	Priti Bagh
24	GELLA ANRUTHA	220415140024	Gella Anrutha



**Centurion University of Technology and Management**  
School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6  
Topic: CEO Talks, "My Entrepreneurial Journey".

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BBA, Semester IV

Sr.	Student	Roll No	Signature of Students
1	TELISHA JENA	220409120081	Telisha Jena
2	DIBYANSHU MAHAPATRA	220409120082	
3	AYAZ KHAN	220409120083	
4	NAYEEM KHAN	220409120084	
5	DEEPAK SHARMA	220409120085	
6	DHARMENDRA SAHU	220409120001	Dharmendra Sahu
7	ABHIJEET PARIDA	220409120002	Abhijeet Parida
8	SUNIL KUMAR MURMU	220409120003	
9	MANISH KUMAR	220409120004	Manish Kumar
10	SIDDHANT PANDA	220409120005	Siddhant Panda
11	AMRITSAGAR PRIYADARSHI	220409120006	
12	INDRAJIT GHORAI	220409120007	Indrajit Ghorai
13	SUBHASHREE RATH	220409120008	
14	ANKITA DUTTA	220409120009	
15	ANUSHKA GHOSH	220409120010	
16	ANISH KUMAR	220409120011	
17	AKASH SINGH	220409120012	
18	AYUSH KUMAR SONTALIA	220409120013	Ayush
19	ANKIT KUMAR SAHOO	220409120014	Ankit Kumar Sahoo
20	ASHISH TAKIRI	220409120015	Ashish Takiri
21	ADITI KAJIN	220409120016	
22	JAGJIT DAS	220409120017	Jagjit Das
23	ANSH SINGH	220409120018	
24	BRAJESH SINGH	220409120019	
25	KHUSHI KUMARI	220409120020	
26	MADHURI KUMARI	220409120021	Madhuri Kumari
27	GAIRIK DUTTA	220409120022	Gairik Dutta
28	RABINA SAHU	220409120023	
29	TANISHA PATI	220409120024	Tanisha Pati
30	MANISH KUMAR	220409120025	Manish Kumar
31	AKASH PATRO	220409120026	Akash Patro
32	SMUTI PATEL	220409120027	
33	CHINMAY SAMANTA	220409120028	
34	GOPINATH PADHAN	220409120029	Gopinath Padhan
35	MOHAMMED SK SAHIALI	220409120030	MD. SK Sahiali
36	SHAIKH ANAS ALI	220409120031	
37	SAYED WASIM ANWAR	220409120032	Sayed Wasim Anwar
38	RITIK KUMAR MEHER	220409120033	
39	SAMEER RANJAN SAHOO	220409120034	Sameer Ranjan Sahoo

40	LIPUN PRUSTY	220409120035	Lipun Prusty
41	PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
42	LOKNATH ROUT	220409120037	
43	SOURMYA PRAKASH KHILAR	220409120038	Sourmya Prakash Khilar
44	DEBABRATA BISWAL	220409120039	Debabrata Biswal
45	NANDITA NAIK	220409120040	
46	KAJAL PATRA	220409120041	
47	WIPSITA PATTANAIK	220409120042	
48	SHREYA AGRAWALLA	220409120043	
49	RAINEE KARMAKAR	220409120044	Rainee Karmakar
50	SANTAPTA KUMAR NAIK	220409120045	Santapta Kumar Naik
51	PRIYANKA PRIYADARSINI	220409120046	
52	BISHIKANTA SAMAL	220409120047	Bishikanta Samal
53	SAYONI MUKHERJEE	220409120048	
54	SHREDSI BISWAS	220409120049	Shreksi Biswas
55	SOURMYA RANJAN SAHOO	220409120050	Sourmya Ranjan Sahoo
56	ANJANA KUMARI	220409120051	Anjana Kumari
57	MOHAMMED ROSAN	220409120052	Mohammed Rosan
58	ADARSH KUMAR SWAIN	220409120053	
59	VIBEK TOPPO	220409120054	
60	SHUBHAM SAHU	220409120055	Shubham Sahu
61	DEBAYAN BEHERA	220409120056	Debayan Behera
62	BISHWAJEET PATRA	220409120057	Bishwaajeet Patra
63	ANUSKA PAIKARAY	220409120058	Anuska Paikaray
64	SAMARPREET SINGH REKHRAJ	220409120059	
65	ABHISEKH SATAPATHY	220409120060	
66	KADAMBINI SWAIN	220409120061	Kadambini Swain
67	PIYUSH MISHRA	220409120062	
68	PRIYADARSHINI SWAIN	220409120063	Priyadarshini Swain
69	TISA SONKAR	220409120064	Tisa Sonkar
70	UDAY MOHAN MAJHI	220409120065	
71	ANISHA MAHATO	220409120066	Anisha Mahato
72	RIYA SHAW	220409120067	Riya Shaw
73	ABHISHEK PATTNAIK	220409120068	
74	ANUKUL KRISHNAN	220409120069	
75	ASHUTOSH KUMAR	220409120070	
76	ARYAN ROUT	220409120071	Aryan Rout
77	MIR MUSRAF ALI	220409120072	
78	MAMTA MALICK	220409120073	
79	ANKIT KUMAR JAISWAL	220409120074	Ankit Jaiswal
80	LIPSA PRADHAN	220409120075	Lipsa Pradhan
81	DIVYAJYOTI SHAW	220409120076	Divyajyoti Shaw
82	KRITI RANJAN BEHERA	220409120077	
83	NIROJ KUMAR SETHI	220409120078	
84	MOMITA NAMATA	220409120079	
85	SOMDATTA BISWAS	220409120080	Somdatta Biswas

86 Sumana Behera  
87 Soubhagya Pradhan

220409120086  
220409120087

Sumana Behera  
Soubhagya Pradhan

82 Divyanshu mahapatra 220409120082 Divyanshu mahapatra



















**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of seminar on CEO Talks- My Entrepreneurial Journey”**

Name of the event	TIME MANAGEMENT AND PERSONAL DEVELOPMENT
Date of the event	17/02/2024
Name of coordinator	Dr. Deepti Mishra
No. of attendees	33
Mode	Offline

**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

**Workshop**

**TIME MANAGEMENT AND  
PERSONAL DEVELOPMENT**

**SAT, 10:30PM  
17 / 02 / 2024**

**#HigherStudies  
#CareerTalks  
#TimeMgmt  
#MBA**

**Venue :**  
Kantilya Building

**Dr. Shams Tejpal**  
Founder and director :  
QUANTIKA Online Classes

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

### **1. Introduction**

The essence of effective time management and personal development cannot be overstated in today's fast-paced world. As we navigate through various responsibilities, deadlines, and personal aspirations, honing the skills to manage our time efficiently while continually developing ourselves becomes paramount. It is within this context that the seminar on Time Management and Personal Development has been convened, aiming to equip individuals with the necessary tools and insights to optimize their productivity, prioritize tasks effectively, and foster personal growth.

In this report, we will delve into the key highlights of the seminar, encapsulating the essential elements discussed during the event. From the insightful keynote address to the interactive sessions that fostered engagement and learning, we will explore the diverse facets that contributed to making this seminar both enriching and impactful. Moreover, we will examine the valuable lessons gleaned from the seminar, elucidating the learning outcomes that participants gained, and conclude by reflecting on the significance of integrating effective time management strategies with ongoing personal development initiatives.

Through this report, we aim to encapsulate the essence of the seminar, providing a comprehensive overview of its contents and elucidating its relevance in today's dynamic professional and personal landscape.

### **Key Note**

Key themes explored during the keynote address included:

- 1 Principles of Time Management: The keynote speaker elucidated fundamental principles of effective time management, emphasizing the importance of setting clear

goals, prioritizing tasks, and eliminating time-wasting activities. Through real-life examples and anecdotes, attendees gained a deeper understanding of how to leverage their time more efficiently to achieve desired outcomes.

2. **Self-Reflection and Goal Setting:** Central to personal development is the practice of self-reflection and goal setting. The keynote presentation delved into techniques for self-assessment, encouraging participants to identify their strengths, weaknesses, and areas for improvement. Moreover, strategies for setting SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals were discussed, empowering individuals to chart a clear path towards personal and professional success.
3. **Mindfulness and Work-Life Balance:** In today's hyperconnected world, maintaining a healthy work-life balance is essential for overall well-being. The keynote address explored the concept of mindfulness and its role in fostering balance amidst competing demands. Attendees gained insights into mindfulness practices that promote stress reduction, increased focus, and enhanced resilience, thereby enabling them to achieve greater equilibrium in their daily lives.
4. **Continuous Learning and Adaptability:** Embracing a growth mindset is integral to personal development. The keynote speaker underscored the importance of continuous learning and adaptability in navigating change and fostering resilience. By cultivating a willingness to embrace new challenges and acquire new skills, individuals can unlock their full potential and thrive in an ever-evolving landscape.

## **5. Interaction**

Key aspects of the interaction segment included:

1. **Group Discussions:** Attendees were divided into small groups to discuss specific topics related to time management and personal development. These group discussions provided a platform for participants to share their experiences, challenges, and strategies for success. By

exchanging ideas and perspectives, attendees gained valuable insights and alternative approaches to tackling common issues.

2. Case Studies and Scenarios: Practical case studies and real-life scenarios were presented to attendees, prompting critical thinking and problem-solving. Participants were tasked with analysing these scenarios, identifying key issues, and brainstorming effective solutions. Through this exercise, attendees were able to apply theoretical concepts to practical situations, enhancing their understanding and decision-making skills.

3. Role-Playing Exercises: Role-playing exercises were utilized to simulate various interpersonal interactions and workplace scenarios. Participants assumed different roles and engaged in role-play activities designed to enhance communication skills, conflict resolution, and assertiveness. By stepping into different perspectives, attendees gained a deeper appreciation for effective interpersonal dynamics and gained practical tools for navigating challenging situations.

4. Question and Answer Sessions: Throughout the seminar, ample time was allocated for question-and-answer sessions, allowing attendees to seek clarification, share insights, and engage directly with the facilitators. These interactive exchanges facilitated a deeper exploration of key concepts and addressed specific concerns or queries raised by participants.

## **6. Learning Outcomes**

1. **Enhanced Time Management Skills:** Participants gained a deeper understanding of the principles of effective time management, including goal setting, task prioritization, and time allocation. Armed with practical strategies and techniques, attendees acquired the tools necessary to optimize their use of time, minimize procrastination, and achieve greater efficiency in their daily lives.
2. **Improved Self-Awareness and Goal Setting:** Through self-reflection exercises and goal-setting workshops, attendees cultivated greater self-awareness and clarity regarding their personal and professional aspirations. By identifying their strengths, weaknesses, and areas for improvement, participants were able to set SMART goals and develop actionable plans to pursue their objectives with purpose and intentionality.



3. **Stress Reduction and Work-Life Balance:** The seminar highlighted the importance of mindfulness practices in mitigating stress and fostering work-life balance. Participants learned mindfulness techniques for stress reduction, relaxation, and maintaining mental well-being amidst the demands of daily life. By incorporating mindfulness into their routines, attendees gained a renewed sense of equilibrium and resilience, enabling them to navigate challenges with greater ease and composure.
4. **Enhanced Communication and Interpersonal Skills:** Interactive activities and role-playing exercises facilitated the development of essential communication and interpersonal skills. Participants honed their abilities in active listening, assertiveness, and conflict resolution, equipping them with the tools to navigate interpersonal dynamics effectively in both personal and professional settings.
5. **Cultivation of a Growth Mindset:** The seminar fostered a culture of continuous learning and growth, encouraging participants to embrace a growth mindset. Attendees were inspired to adopt a proactive approach to personal development, viewing challenges as opportunities for learning and growth. By cultivating a growth mindset, participants gained the confidence and resilience to adapt to change, pursue new opportunities, and unlock their full potential.

## **6. Conclusion**

The seminar on Time Management and Personal Development served as a catalyst for transformative growth and empowerment, providing attendees with invaluable insights and practical strategies to navigate the complexities of modern life with confidence and purpose. Throughout the seminar, participants engaged in thought-provoking discussions, interactive activities, and self-reflection exercises, culminating in a holistic learning experience that transcended theoretical knowledge to foster real-world application.

As we reflect on the key themes and learning outcomes of the seminar, it becomes evident that effective time management and personal development are intrinsically interconnected, serving as pillars of success in both professional and personal domains. By mastering the art of time management, individuals can optimize their productivity, minimize stress, and achieve greater balance and fulfillment in their lives. Simultaneously, investing in personal development cultivates self-awareness, resilience, and adaptability, enabling individuals to unlock their full potential and thrive amidst uncertainty and change.

Moreover, the seminar underscored the importance of fostering a growth mindset—one characterized by a willingness to embrace challenges, persist in the face of setbacks, and continually strive for improvement. In today's rapidly evolving landscape, the ability to adapt, innovate, and learn has never been more critical. By embracing a growth mindset, participants are poised to harness their innate potential, seize opportunities for growth, and chart a course towards success and fulfillment.

In conclusion, the seminar on Time Management and Personal Development has equipped attendees with the knowledge, skills, and mindset necessary to thrive in an increasingly competitive and dynamic world. As participants embark on their respective journeys, may they apply the insights gleaned from the seminar to cultivate a life of purpose, productivity, and continual growth. By leveraging effective time management strategies, prioritizing personal development initiatives, and embracing a growth mindset, individuals have the power to transform their lives and make meaningful contributions to their communities and beyond.

## School of Management

### Att. Sheet

Workshop on Time Management and Personal Development on 17.02.2024, Venue: LT-7

Resource Person: Md. Shams Tebraj, Founder and Director: Quantika Online Classes

#### BBA\_Semester\_IV

Sr.	Student	Roll No	Signature of Students
1	DHARMENDRA SAHU	220409120001	
2	ABHIJEET PARIDA	220409120002	
3	SUNIL KUMAR MURMU	220409120003	
4	MANISH KUMAR	220409120004	
5	SIDDHANT PANDA	220409120005	Siddhant Panda
6	AMRITSAGAR PRIYADARSHI	220409120006	
7	INDRAJIT GHORAI	220409120007	
8	SUBHASHREE RATH	220409120008	Subhashree Rath
9	ANKITA DUTTA	220409120009	Ankita Dutta
10	ANUSHKA GHOSH	220409120010	
11	ANISH KUMAR	220409120011	
12	AKASH SINGH	220409120012	
13	AYUSH KUMAR SONTALIA	220409120013	
14	ANKIT KUMAR SAHOO	220409120014	
15	ASHISH TAKIRI	220409120015	
16	ADITI KARN	220409120016	
17	JAGJIT DAS	220409120017	
18	ANSH SINGH	220409120018	Ansh Singh
19	BRAJESH SINGH	220409120019	Brajesh Singh
20	KHUSHI KUMARI	220409120020	Khushi Kumari
21	MADHURI KUMARI	220409120021	Madhuri Kumari
22	GAIRIK DUTTA	220409120022	
23	RABINA SAHU	220409120023	Rabina Sahu
24	TANISHA PATI	220409120024	
25	MANISH KUJUR	220409120025	
26	AKASH PATRO	220409120026	Akash Patro
27	SMUTI PATEL	220409120027	Smuti Patel
28	CHINMAY SAMANTA	220409120028	Chinmay Samanta
29	GOPINATH PADHAN	220409120029	Gopinath Padhan
30	MOHAMMED SK SAHIALI	220409120030	
31	SHAIKH ANAS ALLI	220409120031	
32	SAYED WASIM ANWAR	220409120032	
33	RITIK KUMAR MEHER	220409120033	
34	SAMEER RANJAN SAHOO	220409120034	Sameer Ranjan Sahoo
35	LIPUN PRUSTY	220409120035	Lipun Prusty
36	PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
37	LOKNATH ROUT	220409120037	
38	SOUMYA PRAKASH KHILAR	220409120038	
39	DEBABRATA BISWAL	220409120039	Debabrata Biswal

40	LIPUN PRUSTY	220409120035	Lipun Prusty
41	PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
42	LOKNATH ROUT	220409120037	
43	SOURMYA PRAKASH KHILAR	220409120038	Sourmya Prakash Khilar
44	DEBABRATA BISWAL	220409120039	Debabrata Biswal
45	NANDITA NAIK	220409120040	
46	KAJAL PATRA	220409120041	
47	BIPSITA PATTANAIK	220409120042	
48	SHREYA AGRAWALLA	220409120043	
49	RAINEE KARMAKAR	220409120044	Raineer Karmakar
50	SANTAPTA KUMAR NAIK	220409120045	Santapta Kumar Naik
51	PRIYANKA PRIYADARSINI	220409120046	
52	BISHIKANTA SAMAL	220409120047	Bishikanta Samal
53	SAYONI MUKHERJEE	220409120048	
54	SHREOSI BISWAS	220409120049	Shreosi Biswas
55	SOURMYA RANJAN SAHOO	220409120050	Sourmya Ranjan Sahoo
56	ANJANA KUMARI	220409120051	Anjana Kumari
57	MOHAMMED ROSAN	220409120052	Mohammed Rosan
58	ADARSH KUMAR SWAIN	220409120053	
59	VIBEK TOPPO	220409120054	
60	SHUBHAM SAHU	220409120055	Shubham Sahu
61	DEBAYAN BEHERA	220409120056	Debayan Behera
62	BISHWAJEET PATRA	220409120057	Bishwaajeet Patra
63	ANALUSKA PAIKARAY	220409120058	Analuska Paikaray
64	SAMARPREET SINGH REKHRAJ	220409120059	
65	ABHISEKH SATAPATHY	220409120060	
66	KADAMBINI SWAIN	220409120061	Kadambini Swain
67	PIYUSH MISHRA	220409120062	
68	PRIYADARSHINI SWAIN	220409120063	Priyadarshini Swain
69	TISA SONKAR	220409120064	Tisa Sonkar
70	UDAY MOHAN MAJHI	220409120065	
71	ANISHA MAHATO	220409120066	Anisha Mahato
72	RIYA SHAW	220409120067	Riya Shaw
73	ABHISEKH PATTNAIK	220409120068	
74	ANUKUL KRISHNAN	220409120069	
75	ASHUTOSH KUMAR	220409120070	
76	ARYAN ROUT	220409120071	Aryen Rout
77	MIR MUSRAF ALI	220409120072	
78	MAMTA MALICK	220409120073	
79	ANKIT KUMAR JAISWAL	220409120074	Ankit Jaiswal
80	LIPSA PRADHAN	220409120075	Lipsa Pradhan
81	DIVYAJYOTI SHAW	220409120076	Divyajyoti Shaw
82	KRITI RANJAN BEHERA	220409120077	
83	NIROJ KUMAR SETHI	220409120078	
84	MOMITA NAMATA	220409120079	
85	SOMDATT BISWAS	220409120080	Somdatta Biswas

86 Sumana Behera  
87 Soubhagya Pradhan

220409120086  
220409120087

Sumana Behera  
Soubhagya Pradhan

82 Divyanshu mahapatra

220409120082

Divyanshu mahapatra

Can  
Attend  
Top  
Resource Person: Mr. C.K.



## Glimpses of seminar; -







WORKSHOP  
ON  
**Unlocking the Potential of Management Students: Stories and Strategies for  
Navigating Tomorrow's Business Landscape**

Resource Person  
**Dr. Adarsh Rath.**

Date-05/08/23

- The session was enriched with **three issues** regarding the skills and **ten stories** to enhance the insights of Management people.

Basically young generations are facing health challenges ,financial pressure, academic pressure, unemployment, substance abuse, social-media related concerns. But the most significant issues with the management students are

- ✓ Communication Skill
- ✓ World View
- ✓ Analytical Skill

*Ways to Improve the above skills:*

**1. Communication Skill:**

- ✓ Practice your speaking skills.
- ✓ Be available and approachable.
- ✓ Listen properly
- ✓ Consider the diversity in your workplace.
- ✓ Be mindful of nonverbal cues
- ✓ Communicate often
- ✓ Use different strategies
- ✓ Connect your message to your audience.

**2. World View**

- ✓ Developing a global mindset requires you to comprehend both yourself and your surroundings. Once you understand your sense of work, your style of leadership and your team, and develop cultural awareness, you can easily adapt to diverse working environments and achieve success.



### 3. Analytical Skill

- ✓ Identifying a topic, problem or issue.
- ✓ Breaking down the topic, problem or issue into smaller, more manageable segments.
- ✓ Gathering relevant information from trustworthy sources.
- ✓ Assessing cause and effect relationships.





## ■ 10 stories to influence the Wisdom

Story No.	Story Content	What We Learnt?
1	J K Rowling (Harry Potter)	Embrace self discovery
2	Steve Jobs (Apple Company)	Set Clear Goals
3	Jeff Bezos (Amazon)	Continuous Learning
4	Failure of Nokia & Blackberry Market	Adaptability and Resilience
5	Technology adapted in Lens- kart	Leveraging Technology
6	Sundar Pichai (Google)	Intrapreneuership
7	Ritesh Agarwal (OYO Rooms)	Global Mindset
8	Uber,Ola, Swiggy,Zomato etc	GIG Economy
9	Subroto Bagchi (Mindtree)	Social impact & Sustainable

<b>10</b>	Dr Muktikanta Mishra & Professor D.N Rao (CUTM)	Passion & Purpose
-----------	--	----------------------

**Conclusion:**

The workshop focused on effective management strategies, emphasizing communication, delegation, and team building. Participants learned about goal setting, time management, and problem-solving techniques.

Overall, the workshop aimed to equip management students with essential skills towards greater productivity and success.

# School of Management

## Attendance Sheet

Tile: Unlocking the Potential of Management Students.

Sl	Name	Regd. No	Signature of Students
1	Sreuti Singh	75	Sreuti Singh
2	Barna Pradyumn Singh	74	Barna Pradyumn Singh
3	Anjali Banerjee	112	Anjali Banerjee
4	Gandeep Kumar	110	Gandeep Kumar
5	Ashishad Sahoo	77	Ashishad Sahoo
6	Sangeeta Kudada	82	Sangeeta Kudada
7	Sushree Sumangla Sahoo	83	Sushree Sumangla Sahoo
8	Sourav Sahu	76	Sourav Sahu
9	Sourya Dalai	100	Sourya Dalai
10	Ranveer Singh	90	Ranveer Singh
11	Rishabh Kumar	117	Rishabh Kumar
12	Vinod Nanda	115	Vinod Nanda
13	Sanket Panda	86	Sanket Panda
14	Sumit Sharma	122	Sumit Sharma
15	Rajesh Pradhan	95	Rajesh Pradhan
16	Abhijeet Panda	89	Abhijeet Panda
17	Sankit Shrivastava	85	Sankit Shrivastava
18	Sohil Patel	72	Sohil Patel
19	Om Chakraborty	88	Om Chakraborty
20	Jayam	118	Jayam
21	Kishore Raj	98	Kishore
22	Sankalp Panda	111	Sankalp Panda
23	Akhil Bisoyee	104	Akhil Bisoyee
24	Bharat Prasad	103	Bharat Prasad
25	Yogesh Singh	116	Yogesh Singh
26	Ranveer Singh		
27	Sumit Panda	101	Sumit Panda
28	Subhojit Samanta	119	Subhojit Samanta
29	Subham Sena	87	Subham Sena
30	Anmol Kumar Janneda	81	Anmol Kumar Janneda
31	Ashishad Sahoo	71	Ashishad Sahoo
32	Monalisa Tena	84	Monalisa Tena
33	Sourav Nayan	91	Sourav Nayan
34	Prajjit Dhir		Prajjit
35	MUN MANNA	92	MUN MANNA
36	Rajashree Panda	106	Rajashree Panda
37	Varsha Rani Mandal	114	Varsha Rani Mandal
38	Sneha Das	94	Sneha Das
39	Ritika Mishra	93	Ritika Mishra
40	Apkita panda	109	Apkita panda





## **A REPORT ON WORKSHOP ON DEVELOPING RESPONSIBLE & ETHICAL LEADERS**

Name of the Event	: Workshop on “Developing Responsible & Ethical Leaders”
Date of the event	: 22 <sup>nd</sup> July, 2023
Name of Mentor	: Dr. Rupsa Mahapatra
Name of the Speaker	: Dr. Supriti Mishra, Professor, IMI
No. of attendees	: 65
Mode of the workshop	: OFFLINE

School of Management organized a workshop on “Developing Responsible & Ethical Leaders.” The workshop was mentored by Dr. Susanta Kumar Mishra and Dr. Rupsa Mahapatra. Dr. Supriti Mishra, Professor, IMI, Bhubaneswar was invited as the speaker for the workshop.

Dr. Mishra focussed on the ethics in the workshop and on ethical leadership. She explained how at times ethics become a tricky issue and how some people at times try to justify their unethical behaviour as an ethical one. She explained through several examples. The participants were involved in various exercises conducted by her.

A total of 65 participants attended the workshop. Most of these participants were OFS Probationers. Various students from the school of management also participated in the workshop. As the OFS Probationers will work in leadership positions after the end of their training programme hence this programme was very relevant for them. CCCDC Coordinator Dr. Rupsa Mahapatra presented the welcome address and introduced the resource person. Dr. Susanta K Mishra coordinated the event. The workshop ended with a vote of thanks note by Dr. Susanta K Mishra and standing ovation by all the students as a token of love and thankfulness.







# School of Management

## Attendance Sheet

Title: Developing Responsible and Ethical Leadership

Sl	Name	Regd. No	Signature of Students
1	Amrita Maharana	240402100001	Amrita Maharana
2	Sakshi Kumari	240402100052	Sakshi Kumari
3	Pooja Bhagya	240402100003	Pooja Bhagya
4	Simran Sindhria	240402100053	Simran Sindhria
5	Arnel Dey	240402100005	Arnel Dey
6	Smriti Pragnya Sahoo	240402100006	Smriti Pragnya Sahoo
7	Samant Khutia	240402100020	Samant Khutia
8	Nandika Nilhil Reddy	240402100008	N. Nilhil Reddy
9	Suryakanta Pradhan	240402100010	Suryakanta Pradhan
10	Shyam Sundar Mohapatra	240402100043	Shyam Sundar Mohapatra
11	Seethasmita Kaur	240402100011	Seethasmita Kaur
12	Debashree Priya Kishorek	240402100057	Debashree Priya Kishorek
13	Susang Subashman Sena	240402100054	Susang Subashman Sena
14	Somya Pattanayik	240402100004	Somya Pattanayik
15	Deepak Kumar Mohanty	240402100008	Deepak Kumar Mohanty
16	Bishal Mallik	240402100016	Bishal Mallik
17	Pranish Pradyaya	240402100058	Pranish Pradyaya
18	Billy Ku. Mayan	240402100055	Billy Ku. Mayan
19	Santisourav Bhowra	240402100007	Santisourav Bhowra
20	Saibhagya Shukla Behara	240402100009	Saibhagya Shukla Behara
21	Ipsita Martha	240402100021	Ipsita Martha
22	Sheetal Mohanty	240402100049	Sheetal Mohanty
23	Raaz Prigadarshi Pradhan	240402100002	Raaz P. Pradhan
24	Priyanka Jena	240402100024	Priyanka Jena
25	Pankaj Kumar Sahoo	240402100025	Pankaj K. Sahoo
26	Prishi Gupta	240402100037	P. G.
27	Ayan Sarker	240402100027	Ayan Sarker
28	Sriyanti Sarker	240402100018	Sriyanti Sarker
29	Sothajit Sahoo	240402100015	Sothajit Sahoo
30	Gurleen Pradhan	240402100030	G. Pradhan
31	Abhishek Panda	240402100031	Abhishek Panda
32	Arjeet Bhattacha	240402100032	Arjeet Bhattacha
33	Mousumi Mousumi Patra	240402100033	Mousumi M. Patra
34	Arghya Arata Pradhan	240402100035	Arghya Arata Pradhan
35	Ajuman Mohapatra	240402100002	Ajuman Mohapatra
36	Svetan Pr. Samal	240402100022	Svetan Pr. Samal
37	GELLA PRAVEEN	240402100019	G. Praveen
38	Abinash Das	240402100038	Abinash Das
39	Travis Nayak	240402100021	Travis Nayak
40	Anita Shaw	240402100010	Anita Shaw





INDIA'S FIRST AND BEST  
SKILLS UNIVERSITY



School of Management

&

Center for Governance and Sustainable Societies

WORKSHOP  
ON  
ACHIEVING "VALUE PROPOSITION FIT"  
AND  
"BUSINESS FIT"



Resource Person

Mr. Babu Shankar  
MD  
GT Tech.

Faculty Coordinator  
Dr. Rupsa Mahapatra

Venue

LT-7, Kautilya Building, CUTM

TIME : 12 PM || Date : 29.08.2023

Centurion University of Technology and Management, Odisha  
CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

**FACULTY COORDINATOR :**

Dr. Rupsa Mahapatra

**STUDENT COORDINATOR:**

Pratyush kumar Pathy

THE WORKSHOP BEGAN WITH A BRIEF INTRODUCTION TO THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT. VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH A PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE OVERALL VIABILITY OF A BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

THE PRESENTER THEN DISCUSSED THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT FOR STARTUPS. HE ARGUED THAT STARTUPS THAT FAIL TO ACHIEVE EITHER OF THESE GOALS ARE UNLIKELY TO SUCCEED. HE ALSO SHARED SOME TIPS FOR ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT, SUCH AS:

- **UNDERSTAND YOUR TARGET CUSTOMER:** THE FIRST STEP TO ACHIEVING VALUE PROPOSITION FIT IS TO UNDERSTAND YOUR TARGET CUSTOMER. THIS INCLUDES UNDERSTANDING THEIR NEEDS, PAIN POINTS, AND GOALS.
- **SOLVE A REAL PROBLEM:** YOUR PRODUCT OR SERVICE MUST SOLVE A REAL PROBLEM FOR YOUR TARGET CUSTOMER. IT'S NOT ENOUGH TO JUST HAVE A COOL IDEA.
- **BE BETTER THAN THE ALTERNATIVES:** YOUR PRODUCT OR SERVICE MUST BE BETTER THAN THE ALTERNATIVES THAT YOUR TARGET CUSTOMER CURRENTLY USES.

- **COMMUNICATE YOUR VALUE PROPOSITION CLEARLY:** YOU MUST BE ABLE TO COMMUNICATE YOUR VALUE PROPOSITION CLEARLY TO YOUR TARGET CUSTOMER.

THE PRESENTER ALSO DISCUSSED THE DIFFERENT WAYS TO MEASURE VALUE PROPOSITION FIT AND BUSINESS FIT. HE EMPHASIZED THE IMPORTANCE OF CONDUCTING CUSTOMER INTERVIEWS AND SURVEYS TO GET FEEDBACK ON YOUR PRODUCT OR SERVICE. HE ALSO DISCUSSED THE IMPORTANCE OF TRACKING YOUR KEY METRICS, SUCH AS REVENUE, CHURN, AND CUSTOMER ACQUISITION COSTS.

THE WORKSHOP CONCLUDED WITH A Q&A SESSION. THE PARTICIPANTS ASKED QUESTIONS ABOUT A VARIETY OF TOPICS, INCLUDING HOW TO VALIDATE YOUR VALUE PROPOSITION, HOW TO IMPROVE YOUR BUSINESS MODEL, AND HOW TO RAISE FUNDING.

THE WORKSHOP WAS WELL-RECEIVED BY THE PARTICIPANTS. THEY FOUND THE INFORMATION TO BE HELPFUL AND INFORMATIVE. THEY ALSO APPRECIATED THE OPPORTUNITY TO ASK QUESTIONS AND GET FEEDBACK FROM THE PRESENTER.

OVERALL, THE WORKSHOP WAS A VALUABLE LEARNING EXPERIENCE FOR THE PARTICIPANTS. THEY GAINED A BETTER UNDERSTANDING OF THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT, AND THEY LEARNED SOME TIPS FOR ACHIEVING THESE GOALS.

HERE ARE SOME ADDITIONAL THOUGHTS ON THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT:

- ACHIEVING VALUE PROPOSITION FIT IS ESSENTIAL FOR STARTUPS BECAUSE IT ENSURES THAT THEY ARE BUILDING SOMETHING THAT PEOPLE ACTUALLY WANT OR NEED. THIS IS CRITICAL FOR GENERATING SALES AND BUILDING A SUSTAINABLE BUSINESS.
- VALUE PROPOSITION FIT CAN BE ACHIEVED BY CONDUCTING CUSTOMER RESEARCH, UNDERSTANDING THE PAIN POINTS OF YOUR TARGET MARKET, AND DEVELOPING A PRODUCT OR SERVICE THAT ADDRESSES THOSE PAIN POINTS.
- THERE ARE A NUMBER OF WAYS TO MEASURE VALUE PROPOSITION FIT, SUCH AS CUSTOMER SURVEYS, INTERVIEWS, AND A/B TESTING.
- IF YOU ARE ABLE TO ACHIEVE VALUE PROPOSITION FIT, YOU WILL BE WELL ON YOUR WAY TO BUILDING A SUCCESSFUL STARTUP.

A SWOT ANALYSIS IS A STRATEGIC PLANNING TOOL THAT HELPS YOU IDENTIFY AND ANALYZE YOUR ORGANIZATION'S STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS. IT CAN BE USED TO ASSESS YOUR BUSINESS FIT AND VALUE PROPOSITION FIT.

- **STRENGTHS:** THESE ARE THE INTERNAL FACTORS THAT GIVE YOUR BUSINESS AN ADVANTAGE OVER YOUR COMPETITORS. THEY CAN INCLUDE THINGS LIKE YOUR PRODUCTS OR SERVICES, YOUR TEAM, YOUR BRAND, AND YOUR MARKET POSITION.
- **WEAKNESSES:** THESE ARE THE INTERNAL FACTORS THAT COULD PUT YOUR BUSINESS AT A DISADVANTAGE. THEY CAN INCLUDE THINGS LIKE YOUR FINANCIAL SITUATION, YOUR LACK OF EXPERIENCE, OR YOUR LIMITED RESOURCES.
- **OPPORTUNITIES:** THESE ARE THE EXTERNAL FACTORS THAT COULD BENEFIT YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE NEW MARKET TRENDS, CHANGES IN REGULATIONS, OR THE ENTRY OF NEW CUSTOMERS.
- **THREATS:** THESE ARE THE EXTERNAL FACTORS THAT COULD HARM YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE CHANGES IN TECHNOLOGY, ECONOMIC DOWNTURNS, OR THE ENTRY OF NEW COMPETITORS.

VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE

OVERALL VIABILITY OF YOUR BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

TO DIFFERENTIATE BETWEEN VALUE PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS, YOU CAN USE THE FOLLOWING TABLE:

BY UNDERSTANDING THE STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS THAT AFFECT YOUR BUSINESS FIT AND VALUE PROPOSITION FIT, YOU CAN MAKE BETTER STRATEGIC DECISIONS THAT WILL HELP YOU ACHIEVE YOUR BUSINESS GOALS.

HERE ARE SOME ADDITIONAL TIPS FOR DIFFERENTIATING BETWEEN VALUE

STRENGTH	VALUE PROPOSITION FIT	BUSINESS FIT
STRONG PRODUCT OR SERVICE	YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES.	YOUR BUSINESS MODEL IS A REVENUE, ATTRACT AND RE AND ACHIEVE PROFITABILITY
EXPERIENCED TEAM	YOU HAVE A TEAM WITH THE SKILLS AND EXPERIENCE NECESSARY TO DEVELOP AND DELIVER YOUR PRODUCT OR SERVICE.	YOUR TEAM IS ABLE TO EX BUSINESS MODEL EFFECTIV
STRONG BRAND	YOUR BRAND IS WELL-KNOWN AND RESPECTED BY YOUR TARGET CUSTOMER.	YOUR BRAND IS ABLE TO AT CUSTOMERS.
MARKET LEADER	YOU ARE THE LEADING PLAYER IN YOUR MARKET.	YOU ARE ABLE TO MAINTAIN LEADERSHIP POSITION.

PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS:

- FOCUS ON THE CUSTOMER. THE MOST IMPORTANT FACTOR IN BOTH VALUE PROPOSITION FIT AND BUSINESS FIT IS THE CUSTOMER. MAKE SURE YOUR SWOT ANALYSIS IS FOCUSED ON THE NEEDS, WANTS, AND PAIN POINTS OF YOUR TARGET CUSTOMER.
- BE SPECIFIC. DON'T JUST SAY THAT YOUR PRODUCT OR SERVICE IS "GOOD" OR THAT YOUR BUSINESS MODEL IS "Viable." BE SPECIFIC ABOUT WHAT MAKES YOUR PRODUCT OR SERVICE UNIQUE AND HOW IT SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER.
- BE REALISTIC. DON'T OVERSTATE YOUR STRENGTHS OR WEAKNESSES. BE HONEST ABOUT YOUR STRENGTHS AND WEAKNESSES, AS WELL AS THE OPPORTUNITIES AND THREATS THAT YOU FACE.

THANK YOU



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

**“A report of seminar on  
Technology, Cyber and Operational Resilience”**

Name of the event	Technology, Cyber and Operational Resilience
Date of the event	16/02/2024
Name of coordinator	Dr. Chinmaya Kumar Dash
No. of attendees	200
Mode	Online

LIVE

CEO  
Talk



Topic :

**Technology, Cyber and  
Operational Resilience**

School of Management (SoM)  
in collaboration with  
Center for Governance and  
Sustainable Society (CGSS)

 **Venue : Hall no. 6,  
Aryabhata Building**



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*



 **SANTOSH PANDIT**

 **16th Feb, 2024**

 **1:30 PM**



## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

### **1. Introduction**

In today's seminar focusing on technology, cyber, and operational resilience, we delved into crucial aspects of navigating the evolving landscape of challenges in these domains. The gathering provided a platform for experts and participants to explore innovative solutions, share insights, and collectively strengthen our understanding of resilient practices. As we embark on this comprehensive report, we aim to capture the essence of each segment, starting with a detailed introduction.

### **2. Key Note**

The keynote session emerged as the cornerstone of the seminar, featuring an esteemed speaker who navigated the intricate landscape of technology, cyber, and operational resilience. With a profound understanding of the challenges at hand, the speaker articulated a vision for fortifying our digital ecosystems.

Highlighting the significance of proactive measures, the keynote underscored the ever-evolving nature of cyber threats and the critical role of resilience in mitigating risks. Key takeaways included an exploration of emerging technologies, threat intelligence, and strategic frameworks to bolster defenses against cyber adversaries.

The speaker delved into case studies that illustrated both successful and cautionary tales, offering a practical dimension to the theoretical concepts discussed. Emphasis was placed on fostering a culture of cybersecurity awareness within organizations, ensuring that resilience becomes an integral part of the organizational DNA.

Throughout the keynote, a forward-looking approach prevailed, urging participants to anticipate and adapt to the rapidly changing technological landscape. The session not only set

the stage for the subsequent discussions but also served as a catalyst for a collective commitment to advancing resilience in the face of evolving technological challenges.

### **3. Interaction**

The virtual interaction during the seminar, conducted through Zoom, proved to be a dynamic and inclusive platform, fostering meaningful engagement among participants. Panel discussions brought together experts from various sectors, creating a rich tapestry of insights on technology, cyber, and operational resilience.

Q&A sessions allowed participants to actively seek clarification, share experiences, and pose thought-provoking questions to the panelists. The interactive nature of the online format facilitated a global exchange of perspectives, transcending geographical boundaries and enriching the discourse with diverse viewpoints.

Networking opportunities, albeit in a virtual space, provided a platform for participants to connect with like-minded professionals, exchange contact information, and establish valuable connections. The seamless integration of technology enabled the fluid exchange of ideas and experiences, replicating the collaborative atmosphere of an in-person event.

In this digital realm, the interactive components of the seminar not only facilitated knowledge sharing but also showcased the adaptability of online platforms in fostering a sense of community and shared purpose. The Zoom-mediated interaction served as a testament to the resilience of virtual environments in facilitating meaningful engagement within the context of contemporary challenges.

### **4. Learning Outcomes**

The seminar yielded substantial learning outcomes, equipping participants with a robust understanding of key facets in technology, cyber, and operational resilience.

#### **1. Cybersecurity Best Practices:**

Participants gained valuable insights into current cybersecurity best practices, including threat detection, incident response, and the implementation of preventive measures. The seminar emphasized proactive approaches to counter emerging cyber threats effectively.

## 2. Operational Resilience Strategies

Attendees explored innovative strategies to enhance operational resilience within their organizations. Discussions covered topics such as business continuity planning, risk assessment methodologies, and adaptive operational frameworks.

## 3. Technological Adaptation:

The seminar addressed the imperative for organizations to stay abreast of emerging technologies. Participants learned to navigate and leverage technologies such as artificial intelligence, blockchain, and secure cloud solutions to fortify their digital infrastructure.

## 4. Collaborative Insights:

Engaging panel discussions and shared experiences provided a collaborative learning environment. Participants benefited from the collective wisdom of experts and peers, gaining a deeper understanding of real-world challenges and effective resilience strategies.

## 5. Cultural Embrace of Resilience:

The importance of fostering a culture of resilience within organizations was emphasized. Participants learned how to instill a proactive mindset, ensuring that resilience becomes ingrained in the organizational culture and day-to-day operations.

These learning outcomes collectively empower participants to apply strategic, technical, and cultural measures, enhancing their organizations' ability to navigate the evolving landscape of technology, cyber threats, and operational challenges.

## **5. Conclusion**

In conclusion, the seminar on technology, cyber, and operational resilience encapsulated a collective journey towards fortifying our digital landscapes. The amalgamation of insightful keynotes, interactive sessions on Zoom, and profound learning outcomes underscores the paramount importance of resilience in our contemporary technological milieu.

As participants depart with a newfound understanding of cybersecurity best practices, operational strategies, and the imperative of technological adaptation, they carry with them the tools to confront the challenges of an ever-evolving landscape.

The collaborative spirit exhibited in the virtual interactions on Zoom mirrors the resilience we seek to instill in our digital ecosystems. The shared experiences and knowledge exchanged during the seminar serve as a beacon for future endeavors in fortifying our organizations against cyber threats and operational disruptions.

As we collectively embrace a culture of resilience, inspired by the seminar's discussions, we stand better equipped to navigate the uncertainties that lie ahead. This report serves not only as a reflection of the seminar's proceedings but also as a roadmap for continued progress and innovation in the realms of technology, cyber, and operational resilience.



# School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandi

MBA Semester II		
Student	Roll No	Signature of Students
1. PRIYANSHU DAS	230402100001	Priyanshu Das
2. DARSHAN RANJAN MOHANTY	230402100002	Darshan Ranjan Mohanty
3. ALOK KUMAR TRIPATHY	230402100003	Alok Kumar Tripathy
4. SANDIP KUMAR SAHOO	230402100004	Sandip Kumar Sahoo
5. BISHNESH PANDA	230402100005	Bishnesh Panda
6. NEELAM KAUR	230402100006	Neelam Kaur
7. SATYA PRAKASH DHAL	230402100007	Satya Prakash Dhal
8. SUPRIT KUMARI BHUYAN	230402100008	Suprit Kumari Bhuyan
9. SK. MOHAMMED SAJID ALI	230402100009	Sk. Md. Sajid Ali
10. UJIT NARAYAN SARANGI	230402100010	Ujit Narayan Sarangi
11. PRIYANKA SAHOO	230402100011	Priyanka Sahoo
12. ASHISH KUMAR PANDA	230402100012	Ashish Kumar Panda
13. AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14. RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15. SIDHASHREE PRADHAN	230402100015	Sidhashree Pradhan
16. MADHUMITA NANDY	230402100016	
17. PRANGYA SARANGI	230402100017	Prangya Sarangi
18. SASWAT MOHANTY	230402100018	
19. POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20. PRERANA PRIYADARSHINI PR	230402100020	
21. SUDIPTA BARIK	230402100021	
22. TUSHAR KUMAR PANI	230402100022	Tushar Pani
23. BAREN KUMAR SAHOO	230402100023	Baren Kumar Sahoo
24. SIBASONI DEVI	230402100024	Sibasoni Devi
25. SMRUTILEKHA SAHOO	230402100025	Smrutilekha Sahoo
26. ABINASH PARIDA	230402100026	

# School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational  
Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandit

BMS_Semester_II			
Sr.	Student	Roll No	Signature of Students
1	ROHAN PATI	230422100001	Rohan Pati
2	SWAPNA PATAJOSH	230422100002	Swapna Patajosh
3	SAISHREE SUBHADRASHINI	230422100003	
4	SHYAMAK VAIBHAV DAS	230422100004	
5	SUBHASHREE SUBHADRASHINI	230422100005	Subhashree Subhadarshini
6	SUSRI PRANGYA DAS	230422100006	
7	PRIYADARSHINI RAUTARAY	230422100007	
8	DIPTIMAYEE SUBUDHI	230422100008	Diptimayee Subudhi
9	ITYASHA PRIYADARSHINI	230422100009	Ityasha Priyadarshini
10	DIBYA RANJAN BEHERA	230422100010	
11	ARPITA MOHAPATRA	230422100011	Arpita Mohapatra
12	SAMIKHYA NAYAK	230422100012	
13	SAUBHAGYA RANJAN SAHOO	230422100013	
14	AKASH KUMAR DUBEY	230422100014	Akash Kumar Dubey
15	AREEBA ASLAM	230422100015	Areeba Aslam
16	NIKHIL KUMAR	230422100016	Nikhil Kumar
17	PATITAPABANA OJHA	230422100017	Patitapabana Oja
18	SOMYA RANJAN SAHOO	230422100018	Somya Ranjan Sahoo
19	SILALIPI HARICHANDAN	230422100019	Silalipi Harichandan
20	AESHA OJHA	230422100020	Aesha Oja
21	ASIT KUMAR JENA	230422100021	Asit Kumar Jena
22	P.M. RASHMI RANJAN BISWAL	230422100022	P.M. Rashmi Ranjan Biswal
23	PABITRA PATRA	230422100023	Pabitra Patra
24	SAI JYOTI SAHU	230422100024	

## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational  
Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandit

BMS_Semester_IV			
r.	Student	Roll No	Signature of Students
1	SASWAT RANJAN GADATYA	220422100001	Saswat Ranjan Gadatya
2	SUJIT SAHOO	220422100002	
3	TAMMNA PARWIN	220422100003	
4	BIBEKANANDA BISWAS	220422100004	



## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandi

BCOM_Semester IV			
Sr.	Student	Roll No	Signature of Students
1	SRIJEET HARICHANDAN	220415140001	Srijeet Harichandan
2	ANUSHKA SINHA	220415140002	Anushka Sinha
3	SATYAJIT BHATTACHARJEE	220415140003	Satyajit Bhattacharjee
4	RAHUL SAHA	220415140004	Rahul Saha
5	VIRAJ TIRIYA	220415140005	Viraj Tiriya
6	INDRAKHEE KARMAKAR	220415140006	Indrakhee Karmakar
7	MUSKAN JAIN	220415140007	Muskan Jain
8	POKHRAJ DANSANA	220415140008	Pokhraj Dansana
9	B. SOMEYA	220415140009	B. Someya
10	KRUTIBASH TRIPATHY	220415140010	Krutibash Tripathy
11	HITESH KUMAR MAHAPATRA	220415140011	Hitesh Kumar Mahapatra
12	SNEHA NAIK	220415140012	Sneha Naik
13	ADITYA PRASAD SAHOO	220415140013	Aditya Prasad Sahoo
14	INDRANI SAHOO	220415140014	Indrani Sahoo
15	SOUMYA RANJAN KUNDU	220415140015	Soumya Ranjan Kundu
16	SUMAN KUMAR PATRA	220415140016	Suman K. Patra
17	BARSHARANI SAMAL	220415140017	Barsharani Samal
18	AYUSH KUMAR BARIK	220415140018	Ayush Kumar Barik
19	AYUSH PAIKRAY	220415140019	Ayush Paikray
20	AJAY KUMAR	220415140020	Ajay Kumar
21	DADDA RAVIKIRAN	220415140021	Dadda Ravikiran
22	GOURI SHANKAR PADHY	220415140022	Gouri S. Padhy
23	PRITI BAGH	220415140023	Priti Bagh
24	GELLA AMRUTHA	220415140024	G. Amrutha



## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandi

BCOM_Semester_II		
Student	Roll No	Signature of Students
1 DIYA GUPTA	230415140001	Diya Gupta
2 ADITYA KUMAR SAHOO	230415140002	
3 DHIREN SAMAL	230415140003	Dhiren Samal
4 MOUSUMI MONALISHA	230415140004	
5 OM PRASAD PANDA	230415140005	OM PRASAD PANDA
6 SHREYA KANDHWAY	230415140006	Shreya Kandhway
7 JYOTIRMAYEE SAHOO	230415140007	Jyotirmayee Sahoo
8 YOUNGESH KUMAR NAYAK	230415140008	
9 SIVA SUNDAR SAHU	230415140009	
10 RAHUL PRADHAN	230415140010	
11 MITHILESH KUMAR NATH	230415140011	
12 PRERNA SINGH	230415140012	Prerna Singh
13 BABLY DUSAD	230415140013	Babli Dusad
14 PRATYUSH DAS	230415140014	
15 AMIT KUMAR PALTASINGH	230415140015	
16 ANURADHA CHOUDHARY	230415140016	Anuradha Choudhary
17 DIBYAJYOTI BOITY	230415140017	
18 B ADITYA PATTNAIK	230415140018	
19 BIDYOTTAM SARANGI	230415140019	Bidyottam Sarangi
20 ABHIPSA SAHU	230415140020	
21 BARSHA RANI BEHERA	230415140021	Barsha Rani Behera
22 SNEHA JAISWAL	230415140022	Sneha Jaiswal
23 PUJALIN SAHOO	230415140023	
24 HARSHRAJ MALLIK	230415140024	Harshraj Malik
25 YASH CHAUHAN	230415140025	Yash Chauhan
26 SUNITA NAYAK	230415140026	Sunita Nayak
27 MOULI MAHANTA	230415140027	Mouli Mahanta
28 BIBHU PRASAD NATH	230415140028	Bibhu Prasad Nath
29 LIPAN PATEL	230415140029	Lipan Patel
30 MUKESH KUMAR MAJHI	230415140030	Mukesh Kumar Majhi
31 SWAROOPA SAGAR	230415140031	Swarupa Sagar
32 MADHUSMITA MISHRA	230415140032	Madhusmita Mishra
33 VIJAYLAXMI YADAV	230415140033	Vijaylaxmi Yadav

120040	
120041	
120042	Pratik Pattnaik
120043	Shreya Aggarwal
120044	Pratik Kumar
120045	Santosh Kumar
120046	
120047	
120048	Arjun Mukherjee
120049	Arushi Biswas
120050	Sourav Kumar
120051	Anjana Kumar
120052	
120053	Arushi - K. Suman
120054	
120055	Shubham Sen
120056	
120057	Shikharjit Kisku
120058	Arushi Biswas
120059	Sourav Kumar
120060	Arushi Saha
120061	
120062	
120063	Pratik Kumar
120064	
120065	
120066	Arushi Mahato
120067	Riya Saha
120068	Arushi Pattnaik
120069	
120070	
120071	Arjun Pat
120072	
120073	Mamta Malik
120074	
120075	Arushi Pattnaik
120076	
120077	
120078	
120079	
120080	
120081	Telisha Jena
120082	
120083	
120084	Nagendra Khan
120085	
120086	Sunara Behara

## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cyber and Operational Resilience, Date: 16.02.2024

Resource Person: Mr. Sanatsh Pandi

BBA Semester II		
Student	Roll No.	Signature of Students
1 SHREYAN BHARADWAJ	230409120001	Shreyan Bhargadwa
2 ABHISHEK KUMAR SINGH	230409120002	Abhishek K. Singh
3 SAKSHI SUMAN	230409120003	Sakshi Suman
4 ARUSH KUMAR SAHOO	230409120004	Arush K. Sahoo
5 SUJAL BOSE	230409120005	
6 ROSHAN PUROHIT	230409120006	Roshan Purohit
7 DEBARATI SAHU	230409120007	Debarati Sahu
8 ANAND SINGH	230409120008	Anand Singh
9 PRABIN KUMAR MAHATO	230409120009	
10 SRILAL KISKU	230409120010	Srilal Kisku
11 MANISH PRAJAPATI	230409120011	Manish Prajapati
12 SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13 RUPESH KUMAR	230409120013	
14 ROSHIN GABRIEL	230409120014	
15 DIVYA SINGHA PANDA	230409120015	
16 T PRANITH	230409120016	
17 M. VARUN KUMAR	230409120017	
18 ROHIT SHARMA	230409120018	
19 MALAYA KUMAR PALTASINGH	230409120019	
20 SARVISITTI SAI TARUN	230409120020	
21 CHANDNI	230409120021	
22 P. MOULIKA	230409120022	P. Moulika
23 S. KUSUMA	230409120023	S. Kusuma
24 MIR INJAMUL HAQUE	230409120024	
25 HEMANTH KUMAR	230409120025	
26 HIMANSHU KUMAR SONI	230409120026	Himanshu Kumar Soni



27. Harsha Sahoo  
 28. Prameela Kumar Sengupta  
 29. Arman Sanderson  
 30. Anjan Kumar Pattnaik  
 31.  
 32. Keelika Nayak  
 33. Dibyadarshini Panda  
 34. Aijsha Patra  
 35. Khushi Panda  
 36. A. Mathavi  
 37. Subha Binita Sahoo  
 38. Subha Laxmi Pal  
 39.  
 40. Ritosh R. Sharma  
 41. Prityanka P. Das  
 42. Brijal Priya Mahanty  
 43. Pranshi Ranik  
 44. Chinmayee Sahoo  
 45.  
 46. Sneha Behara  
 47. Soubhagya Laxmi Das  
 48. Anmol Das  
 49. Mohanika Priyadarshini  
 50. Harsh Deep Kumar  
 51. Subhasmita Mahapatra  
 52. Santanu Kumar Sahoo  
 53.  
 54. L. Suman Khatun  
 55.  
 56. Arun Sethi  
 57. M. S. Smita Saha  
 58. Anindita  
 59. Soha Anand  
 60. Koushik Saha  
 61. Rishy Rajak  
 62. Priyam Jais  
 63. Ananya Pandey  
 64. Sweety Meher

School of Management  
 Att. Sheet  
 for Workshop on CEO Talks: Topic: Technology, Cyber and Operational  
 Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pandit

BBA Semester IV		
Student	Roll No	Signature of Students
1. DHANVENDRA SAHU	220409120001	Dhanvendra Sahu
2. ABHIJIT PARIDA	220409120002	Abhijit Parida
3. SUNIL KUMAR MURMU	220409120003	
4. MANISH KUMAR	220409120004	Manish Kumar
5. SIDDHANT PANDA	220409120005	Siddhant Panda
6. AMRITSAGAR PRIYADARSHI	220409120006	
7. INDRAJIT GHORAI	220409120007	Indrajit Ghorai
8. SUBHASHREE RATH	220409120008	
9. ANKITA DUTTA	220409120009	Ankita Dutta
10. ANUSHKA GHOSH	220409120010	Anushka Ghosh
11. ANISH KUMAR	220409120011	Anish Kumar
12. AKASH SINGH	220409120012	Aakash Singh
13. AYUSH KUMAR SONTALIA	220409120013	Ayush Kumar Sontalia
14. ANKIT KUMAR SAHOO	220409120014	
15. ASHISH TAKIRI	220409120015	
16. ADITI KARN	220409120016	Aditi Karn
17. JAGJIT DAS	220409120017	Jagjit Das
18. ANSH SINGH	220409120018	Ansh Singh
19. BRAJESH SINGH	220409120019	
20. KHUSHI KUMARI	220409120020	
21. MADHURI KUMARI	220409120021	Madhuri Kumari
22. GAURIK DUTTA	220409120022	
23. RABINA SAHU	220409120023	
24. TANISHA PATI	220409120024	Tanisha Pati
25. MANISH KUMAR	220409120025	Manish Kumar
26. AKASH PATRO	220409120026	Aakash Patro
27. SMUTI PATEL	220409120027	Smuti Patel
28. CHINMAY SAMANTA	220409120028	Chinmay Samanta
29. GOPINATH PADHAN	220409120029	Gopinath Padhan
30. MOHAMMED SK SAHILI	220409120030	
31. SHAIKH ANAS ALLI	220409120031	
32. SAYED WASIM ANWAR	220409120032	
33. RITIK KUMAR MEHER	220409120033	Ritik Meher
34. SAMEER RANJAN SAHOO	220409120034	Sameer Ranjan Sahoo
35. LIPUN PRUSTY	220409120035	Lipun Prusty
36. PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
37. LOKNATH ROUT	220409120037	
38. SOUMYA PRAKASH KHILAR	220409120038	Soumya Pr. Khilar
39. DEBABRATA BISWAL	220409120039	Debabrata Biswal

40	NANDITA NAIK	220409120040	
41	KAJAL PATRA	220409120041	
42	BIPISTA PATTANAIK	220409120042	Pipista Pattanai
43	SHREYA AGRAWALLA	220409120043	Shreya Agrawalla
44	RAINEE KARMAKAR	220409120044	Rainee Karmakar
45	SANTAPTA KUMAR NAIK	220409120045	Santapta Kumar Naik
46	PRINYANKA PRIYADARSINI	220409120046	
47	BISHIKANTA SAMAL	220409120047	
48	SAYONI MUKHERJEE	220409120048	Sayoni Mukherjee
49	SHREDSI BISWAS	220409120049	Shreksi Biswas
50	SOUNYA RANJAN SAHOO	220409120050	Sounya Ranjan Sahoo
51	ANJANA KUMARI	220409120051	Anjana Kumari
52	MOHAMMED ROSAN	220409120052	
53	ADARSH KUMAR SWAIN	220409120053	Adarsh Kumar Swain
54	VIBEK TOPPO	220409120054	
55	SHUBHAM SAHU	220409120055	Shubham Sahu
56	DEBAYAN BEHERA	220409120056	
57	BISHWAJEET PATRA	220409120057	Bishwaajeet Patra
58	ANALUSKA PAIKARAY	220409120058	Analuska Paikaray
59	SAMAPREET SINGH REKHRAJ	220409120059	Samapreet Singh
60	ABHISEKH SATAPATHY	220409120060	Abhisekh Satapathy
61	KADAMBINI SWAIN	220409120061	
62	PIYUSH MISHRA	220409120062	
63	PRIYADARSHINI SWAIN	220409120063	Priyadarshini Swain
64	TISA SONKAR	220409120064	
65	UDAY MOHAN MAJHI	220409120065	
66	ANISHA MAHATO	220409120066	Anisha Mahato
67	RIYA SHAW	220409120067	Riya Shaw
68	ABHISEKH PATTNAIK	220409120068	Abhisekh Pattanaik
69	ANUKUL KRISHNAN	220409120069	
70	ASHUTOSH KUMAR	220409120070	
71	ARYAN ROUT	220409120071	Aryan Rout
72	MIR MUSRAF ALI	220409120072	
73	MAMTA MALLICK	220409120073	Mamta Mallik
74	ANKIT KUMAR JAISWAL	220409120074	
75	LIPSA PRADHAN	220409120075	Lipsa Pradhan
76	DIVYAYOTI SHAW	220409120076	
77	KRITI RANJAN BEHERA	220409120077	
78	NIROJ KUMAR SETHI	220409120078	
79	MOMITA NAMATA	220409120079	
80	SOMDATT BISWAS	220409120080	
81	TELISHA JENA	220409120081	Telisha Jena
82	DIBYANSHU MAHAPATRA	220409120082	
83	AYAZ KHAN	220409120083	
84	NAYEEM KHAN	220409120084	Nayem Khan
85	DEEPAK SHARMA	220409120085	
86	SUMANA BEHERA	220409120086	Sumana Behera

## School of Management

Att. Sheet

for Workshop on CEO Talks: Topic: Technology, Cy  
Resilience, Date: 16.02.2024

Resource Person: Mr. Sanotsh Pa

BBA Semester II		
Student	Roll No	Signature
1 SHREYAN BHARADWAJ	230409120001	Shrey
2 ABHISEKH KUMAR SINGH	230409120002	Abhisek
3 SAKSHI SUMAN	230409120003	Sakshi
4 AYUSH KUMAR SAHOO	230409120004	Ayush
5 SUJAL BOSE	230409120005	
6 ROSHAN PUROHIT	230409120006	Roshan
7 DEBAHATI SAHU	230409120007	Deba
8 ANAND SINGH	230409120008	Anand
9 PRABIN KUMAR MAHATO	230409120009	
10 SHILAL KISKU	230409120010	Shilal
11 MANISH PRAJAPATI	230409120011	Manish
12 SHRUTI CHAKRABORTY	230409120012	Shruti
13 RUPESH KUMAR	230409120013	
14 ROSHINI GABRIEL	230409120014	
15 DIBYA SINGHA PANDA	230409120015	
16 T PRANITH	230409120016	
17 M VARUN KUMAR	230409120017	
18 ROHIT SHARMA	230409120018	
19 MALAYA KUMAR PAITASINGH	230409120019	
20 SARVISITTI SAI TARUN	230409120020	
21 CHANDNI	230409120021	
22 P. MOULIKA	230409120022	
23 S. KUSUMA	230409120023	
24 MIR INJAMUL HAQUE	230409120024	
25 HEMANTH KUMAR	230409120025	
26 HIMANSHU KUMAR SONI	230409120026	



27	KANHA SAHOO	230402100027	Kanha Sahoo
28	PRAMODA KUMAR SENAPATI	230402100028	Pramoda Kumar Senapati
29	ASMAN SUNDARA	230402100029	Asman Sundara
30	ARPAN KUMAR PATTAIK	230402100030	Arpan Kumar Pattnaik
31	LOSAN KUMAR SAHOO	230402100031	Losan Kumar Sahoo
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	Dibyadarshinee Parida
34	AVIPSA PATRA	230402100034	Avipsa Patra
35	RAMIYA PANDA	230402100035	Ramiya Panda
36	ALLURI MADHAVI	230402100036	A. Madhavi
37	SUBHASMITA SAHOO	230402100037	Subhasmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi Pal
39	SOURYA RANJAN MATAGAI	230402100039	Sourya Ranjan Matagaisi
40	RITESH RANJAN SHARMA	230402100040	Ritesh R. Sharma
41	PRIYANKA PRIYADARSINI MIS	230402100041	Priyanka P. Misra
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	Pravasi Barik
44	CHINMAYEE SAHOO	230402100044	Chinmayee Sahoo
45	TRUPTI BEHERA	230402100045	Trupti Behera
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SUBHAGYALAXMI DALAI	230402100047	Subhagya Laxmi Dalai
48	KUNAL DAS	230402100048	Kunal Das
49	MONALISA PRIYADARSHINI	230402100049	Monalisa Priyadarshini
50	HARSH DEEP KUMAR	230402100050	Harsh Deep Kumar
51	SUBHRASNGHA MOHAPATRA	230402100051	Subhrasngha Mohapatra
52	SANTANU KUMAR SAHOO	230402100052	Santanu Kumar Sahoo
53	ASHUTOSH DAS	230402100053	Ashutosh Das
54	G SUMAN REDDY	230402100054	G. Suman Reddy
55	SUBRAT KUMAR PANDA	230402100055	Subrat Kumar Panda
56	ARUN SETHI	230402100056	Arun Sethi
57	MITA RANI SAHU	230402100057	Mita Rani Sahu
58	ASURI SUDESH	230402100058	Asuri Sudesh
59	SACHIN AHWAN BEHERA	230402100059	Sachin Ahwan Behera
60	KUMAR GOURABA PARIDA	230402100060	Kumar Gouraba Parida
61	RINKY RAJAK	230402100061	Rinky Rajak
62	PRITAM JENA	230402100062	Pritam Jena
63	GYANA RANJAN PRUSETH	230402100063	Gyana Ranjan Pruseth
64	ASHOK KUMAR JENA	230402100064	Ashok Kumar Jena
65	SWEETY MEHER	230402100065	Sweety Meher

School of Management  
Att. Sheet  
for Workshop on CEO Talks: Topic: Technology  
Resilience, Date: 16.02.2023  
Resource Person: Mr. Sanots

BBA Semester IV		
Student	Roll No	Sign
1 DHARMENDRA SAHU	220409120001	
2 ABHIJEET PARIDA	220409120002	
3 SUNIL KUMAR MURMU	220409120003	
4 MANISH KUMAR	220409120004	
5 SIDDHANT PANDA	220409120005	
6 AMRITSAGAR PRIYADARSHI	220409120006	
7 INDRAJIT GHORAI	220409120007	
8 SUBHASHREE RATH	220409120008	
9 ANKITA DUTTA	220409120009	
10 ANUSHA GHOSH	220409120010	
11 ANISH KUMAR	220409120011	
12 AKASH SINGH	220409120012	
13 AYUSH KUMAR SONTHALIA	220409120013	
14 ANKIT KUMAR SAHOO	220409120014	
15 ASHISH TAXIRI	220409120015	
16 ADITI KARN	220409120016	
17 JAGJIT DAS	220409120017	
18 ANSH SINGH	220409120018	
19 BRAJESH SINGH	220409120019	
20 KHUSHI KUMARI	220409120020	
21 MADHURI KUMARI	220409120021	
22 GAIRIK DUTTA	220409120022	
23 RABINA SAHU	220409120023	
24 TANISHA PATI	220409120024	
25 MANISH KIJUR	220409120025	
26 AKASH PATRO	220409120026	
27 SMUTI PATEL	220409120027	
28 CHINMAY SAMANTA	220409120028	
29 GOPINATH PADHAN	220409120029	
30 MOHAMMED SK SAHILI	220409120030	
31 SHAIKH ANAS ALI	220409120031	
32 SAYED WASIM ANWAR	220409120032	
33 RITIK KUMAR MEHER	220409120033	
34 SAMEER RANJAN SAHOO	220409120034	
35 LIPUN PRUSTY	220409120035	
36 PRASAD KUMAR NAYAK	220409120036	
37 LOKNATH ROUT	220409120037	
38 SOURYA PRAKASH KHILAR	220409120038	
39 DEBABRATA BISWAL	220409120039	

27	NIKHIL KUMAR	230409120027	Nikhil Kumar
28	AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29	BISWABRATA CHANDA	230409120029	
30	S HEMANT KUMAR	230409120030	S. Hemant Kumar
31	SIPUN NAYAK	230409120031	
32	PRAYASH SWAIN	230409120032	
33	SIBANI PRASAD NAYAK	230409120033	
34	SHREYA DEBNATH	230409120034	
35	AVIK MANDAL	230409120035	Avik Mandal
36	ALISHA BECK	230409120036	Alisha Beck
37	BHAGYASHREE DAS	230409120037	Bhagyashree Das
38	V. PADMINI RAO	230409120038	V. Padmini Rao
39	ANUPAM PATTANAYAK	230409120039	Anupam Pattanayak
40	RUTUPRASAN JENA	230409120040	
41	SUNANDA NAYAK	230409120041	
42	ARITRA DAS	230409120042	Aritra Das
43	RAJASHREE JAGADEV	230409120043	Rajashree Jagadev
44	MANMEET KOUR	230409120044	Manmeet Kour
45	BARIAKSHEE PATRA	230409120045	Bariaakshree Patra
46	ANURBAN BESRA	230409120046	
47	AKRUTI TRIPATHY	230409120047	
48	ARGHYA ADHIKARY	230409120048	
49	ANUKSHYA CHOWDHURY	230409120049	
50	PREMIT SINGH	230409120050	
51	NIRAL BALMUCHU	230409120051	Niral Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SINEHA OREYA	230409120053	Sineha Oryea
54	BISWAJEET SAHOO	230409120054	Biswa Jeet Sahoo
55	PRATYUSH RANJAN SAHU	230409120055	
56	SAGAR NAYAK	230409120056	Sagar Nayak
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	Satish Mohanty
59	KUSHAL KUMAR DOL	230409120059	Kushal Dol
60	TOMOHINA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	
62	DEEBYASA PARIDA	230409120062	
63	DEBASMITA PRAHARAJ	230409120063	Debasmita Praharaj
64	SUBHAM SINGH	230409120064	Subham Singh
65	SANCHITA PANDA	230409120065	Sanchita Panda

66	MITALI MADHUSMITA	230409120066	Mitali
67	IVASMITA PARIDA	230409120067	Iva
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Nafiah
70	SURYASNATA ROUT	230409120070	Surya
71	NEHA KUMARI	230409120071	
72	KUMARI SANYA	230409120072	
73	DEBASIS RANA	230409120073	Debas
74	ARUSHI SINGH	230409120074	
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	V. U
78	ABHIJEET BARIK	230409120078	Abi
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	Gold
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	Sm
84	SONAM BHARTI	230409120084	
85	MONIKA SHARMA	230409120085	M.
86	SUHANAFRIEN	230409120086	Su
87	ABHISHEK PAHANTA SINGH	230409120087	Ab
88	D PREM KUMAR	230409120088	
89	ADITYA PRASAD PATI	230409120089	
90	B. SAKCHI	230409120090	
91	ROSHAN KUMAR	230409120091	
92	AKSHAY MAZUMDER	230409120092	A
93	PRASANT KUMAR NAYAK	230409120093	P
94	ALOK PRABHUPADA JENA	230409120094	A
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	
102	ANITA RANI MOHANTA	230409120102	



0027	Nikhil Kumar
0028	Nyush Kumar Singh
0029	
0030	S. Hemant Kumar
0031	
0032	
0033	
0034	
0035	Divik Mandal
0036	Aditya Beek
0037	Pragyaabhu Das
0038	V. Padarini Rao
0039	Arunam Pattanayak
0040	
0041	
0042	Anshu Das
0043	Pragyaabhu Das
0044	Manmeet Kour
0045	Brijakhee Patra
0046	
0047	
0048	
0049	
0050	
0051	Nishal Chandra
0052	Nikhil Talwar
0053	Sneha Ojha
0054	Koushik Das
0055	
0056	Pragyaabhu Das
0057	Hyeshman Boli
0058	Satish Mahanta
0059	KUSHAL DOL
0060	
0061	
0062	Debasmita Pradhan
	Subham Singh
	Sanchita Panda

66	MITALI MADHUSMITA	230409120066	MITALI Madhusmita
67	IVASMITA PARIDA	230409120067	IVASMITA Parida
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Nafiah Sahal
70	SURYASNATA ROUT	230409120070	Suryasank Rout
71	NEHA KUMARI	230409120071	
72	KUMARI SANYA	230409120072	
73	DEBASIS RANA	230409120073	Debasis Rana
74	ARUSHI SINGH	230409120074	
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V. UDAY KIRAN ACHARI	230409120077	V. Uday Kiran Achari
78	ABHIJEET BARIK	230409120078	Abhijeet Barik
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	Goldy Pattanayak
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	Smeka Chintak
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHANA AFRIEN	230409120086	Suhana Afrien
87	ABHISHEK PAHANTA SINGH	230409120087	Abhishek Pahanta Singh
88	D. PREM KUMAR	230409120088	
89	ADITYA PRASAD PATI	230409120089	
90	B. SAKCHI	230409120090	
91	ROSHAN KUMAR	230409120091	Roshan Kumar
92	AKSHAY MAZUMDER	230409120092	Akshay Mazumder
93	PRASANT KUMAR NAYAK	230409120093	Prasant Kumar Nayak
94	ALEX PRABHUPADA JENA	230409120094	Alex prabhupada jena
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	Anchil Verma
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BJAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar
102	ANITA RANI MOHANTA	230409120102	Anita Rani Mohanta



INDIA'S FIRST AND BEST  
SKILLS UNIVERSITY



**School of Management  
&  
Center for Governance and Sustainable Societies**

**WORKSHOP  
ON  
ACHIEVING "VALUE PROPOSITION FIT"  
AND  
"BUSINESS FIT"**



**Resource Person**

**Mr. Babu Shankar**  
MD  
GT Tech.

*Faculty Coordinator*  
Dr. Rupsa Mahapatra

**Venue**

**LT-7, Kautilya Building, CUTM**

**TIME : 12 PM || Date : 29.08.2023**

**Centurion University of Technology and Management, Odisha**  
CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

**FACULTY COORDINATOR :**

Dr. Rupsa Mahapatra

**STUDENT COORDINATOR:**

Pratyush kumar Pathy

THE WORKSHOP BEGAN WITH A BRIEF INTRODUCTION TO THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT. VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH A PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE OVERALL VIABILITY OF A BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

THE PRESENTER THEN DISCUSSED THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT FOR STARTUPS. HE ARGUED THAT STARTUPS THAT FAIL TO ACHIEVE EITHER OF THESE GOALS ARE UNLIKELY TO SUCCEED. HE ALSO SHARED SOME TIPS FOR ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT, SUCH AS:

- **UNDERSTAND YOUR TARGET CUSTOMER:** THE FIRST STEP TO ACHIEVING VALUE PROPOSITION FIT IS TO UNDERSTAND YOUR TARGET CUSTOMER. THIS INCLUDES UNDERSTANDING THEIR NEEDS, PAIN POINTS, AND GOALS.
- **SOLVE A REAL PROBLEM:** YOUR PRODUCT OR SERVICE MUST SOLVE A REAL PROBLEM FOR YOUR TARGET CUSTOMER. IT'S NOT ENOUGH TO JUST HAVE A COOL IDEA.



- **BE BETTER THAN THE ALTERNATIVES:** YOUR PRODUCT OR SERVICE MUST BE BETTER THAN THE ALTERNATIVES THAT YOUR TARGET CUSTOMER CURRENTLY USES.
- **COMMUNICATE YOUR VALUE PROPOSITION CLEARLY:** YOU MUST BE ABLE TO COMMUNICATE YOUR VALUE PROPOSITION CLEARLY TO YOUR TARGET CUSTOMER.

THE PRESENTER ALSO DISCUSSED THE DIFFERENT WAYS TO MEASURE VALUE PROPOSITION FIT AND BUSINESS FIT. HE EMPHASIZED THE IMPORTANCE OF CONDUCTING CUSTOMER INTERVIEWS AND SURVEYS TO GET FEEDBACK ON YOUR PRODUCT OR SERVICE. HE ALSO DISCUSSED THE IMPORTANCE OF TRACKING YOUR KEY METRICS, SUCH AS REVENUE, CHURN, AND CUSTOMER ACQUISITION COSTS.

THE WORKSHOP CONCLUDED WITH A Q&A SESSION. THE PARTICIPANTS ASKED QUESTIONS ABOUT A VARIETY OF TOPICS, INCLUDING HOW TO VALIDATE YOUR VALUE PROPOSITION, HOW TO IMPROVE YOUR BUSINESS MODEL, AND HOW TO RAISE FUNDING.

THE WORKSHOP WAS WELL-RECEIVED BY THE PARTICIPANTS. THEY FOUND THE INFORMATION TO BE HELPFUL AND INFORMATIVE. THEY ALSO APPRECIATED THE OPPORTUNITY TO ASK QUESTIONS AND GET FEEDBACK FROM THE PRESENTER.

OVERALL, THE WORKSHOP WAS A VALUABLE LEARNING EXPERIENCE FOR THE PARTICIPANTS. THEY GAINED A BETTER UNDERSTANDING OF THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT, AND THEY LEARNED SOME TIPS FOR ACHIEVING THESE GOALS.

HERE ARE SOME ADDITIONAL THOUGHTS ON THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT:

- ACHIEVING VALUE PROPOSITION FIT IS ESSENTIAL FOR STARTUPS BECAUSE IT ENSURES THAT THEY ARE BUILDING SOMETHING THAT PEOPLE ACTUALLY WANT OR NEED. THIS IS CRITICAL FOR GENERATING SALES AND BUILDING A SUSTAINABLE BUSINESS.
- VALUE PROPOSITION FIT CAN BE ACHIEVED BY CONDUCTING CUSTOMER RESEARCH, UNDERSTANDING THE PAIN POINTS OF YOUR TARGET MARKET, AND DEVELOPING A PRODUCT OR SERVICE THAT ADDRESSES THOSE PAIN POINTS.
- THERE ARE A NUMBER OF WAYS TO MEASURE VALUE PROPOSITION FIT, SUCH AS CUSTOMER SURVEYS, INTERVIEWS, AND A/B TESTING.
- IF YOU ARE ABLE TO ACHIEVE VALUE PROPOSITION FIT, YOU WILL BE WELL ON YOUR WAY TO BUILDING A SUCCESSFUL STARTUP.

A SWOT ANALYSIS IS A STRATEGIC PLANNING TOOL THAT HELPS YOU IDENTIFY AND ANALYZE YOUR ORGANIZATION'S STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS. IT CAN BE USED TO ASSESS YOUR BUSINESS FIT AND VALUE PROPOSITION FIT.

- **STRENGTHS:** THESE ARE THE INTERNAL FACTORS THAT GIVE YOUR BUSINESS AN ADVANTAGE OVER YOUR COMPETITORS. THEY CAN INCLUDE THINGS LIKE YOUR PRODUCTS OR SERVICES, YOUR TEAM, YOUR BRAND, AND YOUR MARKET POSITION.
- **WEAKNESSES:** THESE ARE THE INTERNAL FACTORS THAT COULD PUT YOUR BUSINESS AT A DISADVANTAGE. THEY CAN INCLUDE THINGS LIKE YOUR FINANCIAL SITUATION, YOUR LACK OF EXPERIENCE, OR YOUR LIMITED RESOURCES.

- **OPPORTUNITIES:** THESE ARE THE EXTERNAL FACTORS THAT COULD BENEFIT YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE NEW MARKET TRENDS, CHANGES IN REGULATIONS, OR THE ENTRY OF NEW CUSTOMERS.
- **THREATS:** THESE ARE THE EXTERNAL FACTORS THAT COULD HARM YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE CHANGES IN TECHNOLOGY, ECONOMIC DOWNTURNS, OR THE ENTRY OF NEW COMPETITORS.

VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE OVERALL VIABILITY OF YOUR BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

TO DIFFERENTIATE BETWEEN VALUE PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS, YOU CAN USE THE FOLLOWING TABLE:

BY UNDERSTANDING THE STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS THAT AFFECT YOUR BUSINESS FIT AND VALUE PROPOSITION FIT, YOU CAN MAKE BETTER STRATEGIC DECISIONS THAT WILL HELP YOU ACHIEVE YOUR BUSINESS GOALS.

HERE ARE SOME ADDITIONAL TIPS FOR DIFFERENTIATING BETWEEN VALUE

STRENGTH	VALUE PROPOSITION FIT	BUSINESS FIT
STRONG PRODUCT OR SERVICE	YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES.	YOUR BUSINESS MODEL IS A REVENUE, ATTRACT AND R AND ACHIEVE PROFITABILITY
EXPERIENCED TEAM	YOU HAVE A TEAM WITH THE SKILLS AND EXPERIENCE NECESSARY TO DEVELOP AND DELIVER YOUR PRODUCT OR SERVICE.	YOUR TEAM IS ABLE TO EX BUSINESS MODEL EFFECTIV
STRONG BRAND	YOUR BRAND IS WELL-KNOWN AND RESPECTED BY YOUR TARGET CUSTOMER.	YOUR BRAND IS ABLE TO A CUSTOMERS.
MARKET LEADER	YOU ARE THE LEADING PLAYER IN YOUR MARKET.	YOU ARE ABLE TO MAINTAIN LEADERSHIP POSITION.

## PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS:

- FOCUS ON THE CUSTOMER. THE MOST IMPORTANT FACTOR IN BOTH VALUE PROPOSITION FIT AND BUSINESS FIT IS THE CUSTOMER. MAKE SURE YOUR SWOT ANALYSIS IS FOCUSED ON THE NEEDS, WANTS, AND PAIN POINTS OF YOUR TARGET CUSTOMER.
- BE SPECIFIC. DON'T JUST SAY THAT YOUR PRODUCT OR SERVICE IS "GOOD" OR THAT YOUR BUSINESS MODEL IS "VIABLE." BE SPECIFIC ABOUT WHAT MAKES YOUR PRODUCT OR SERVICE UNIQUE AND HOW IT SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER.
- BE REALISTIC. DON'T OVERSTATE YOUR STRENGTHS OR WEAKNESSES. BE HONEST ABOUT YOUR STRENGTHS AND WEAKNESSES, AS WELL AS THE OPPORTUNITIES AND THREATS THAT YOU FACE.

THANK YOU

# School of Management

## Attendance Sheet

Title: Achieving Value Proposition Fit and Business Fit

Sl	Name	Regd. No	Signature of Students
1	Poojanai Mishra	240301120019	P. Mishra
2	Asim Kumar Patra	240301120046	Asim Kumar Patra
3	Devesh Das	240301120006	Devesh
4	Anusmita Maharana	240301120001	Anusmita Maharana
5	Shaswati Swagatika	240301120008	Shaswati Swagatika
6	Kayabalu Kunal Reddy	240301120007	Kayabalu Kunal Reddy
7	Tulsi Prasad	240301120002	Tulsi
8	Tamanna Mahapatra	240301120016	Tamanna
9	Tanisha Prasad	240301120003	Tanisha
10	Chinmayi Banerjee	240301120017	Chinmayi Banerjee
11	Gayatri Sahoo	240301120009	Gayatri
12	Prityanka Bal	240301120001	Prityanka Bal
13	Rajdeep Dash	240301120018	Rajdeep Dash
14	Saimit Behera	240301120021	Saimit Behera
15	Swastika S. Sahoo	240301370130	Swastika S. Sahoo
16	Gopi Kristina Sa	240301370129	Gopi Kristina Sa
17	Trineep Bhanja	240301370131	Trineep Bhanja
18	Bishal Das	240301120017	Bishal Das
19	Suwal Kumar Nayak	240301120044	Suwal
20	Ashish Dash	240301120041	Ashish Dash
21	Donipati Anshu Kumar	240301120005	Anshu Kumar
22	Manoranjan Pradhan	240301120003	Manoranjan
23	Subhanshu Nayak	240301120010	Subhanshu
24	Suham Saha	240301120002	Suham
25	Subham K. Saha	240301120005	Subham
26	Jyoti Hathi	240301120001	Jyoti Hathi
27	Prakhar S. Bhatia	240301120006	Prakhar
28	Partha Ranjithi Khuntia	240301120014	Partha Ranjithi Khuntia
29	Swastika Suman Akter	240301120040	Swastika Suman Akter
30	Partha Ranjan Kumar	240301120005	Partha R. Kumar
31	Sheeravanshi Singh	240301120043	Sheeravanshi Singh
32	Subham Kumar Saha	240301120005	Subham Kumar Saha
33	Santhak Satapathy	240301120012	Santhak Satapathy
34	Pranab Prasad Dhar	240301120014	Pranab
35			
36			
37			
38			
39			
40			





**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of workshop on Branding and Consumer behaviour”**

Name of the event	Branding and Consumer Behaviour
Date of the event	23/12/2023
Name of coordinator	Dr. Deepti Mishra
No. of attendees	100
Mode	Offline



## BRANDING AND CONSUMER BEHAVIOR: A MATCH MADE IN HEAVEN!

**Debasis Sahoo**  
*Entrepreneur, Marketing Specialist*

*VENUE: Hall no. 6, Aryabhata Building*  
*Saturday, 23.12.2023, 9:45 am*



School of Management  
Centre of Governance and Sustainable Society  
Centurion University of Technology and Management, Bhubaneswar

**Contents**

1. Introduction
2. Keynote
3. Activities and Interaction
4. Learning Outcomes
5. Conclusion

## **1. Introduction**

By understanding how consumers decide on a product, they can fill in the gap in the market and identify the products that are needed and the products that are obsolete. Branding affects consumer behaviour by influencing their self-image and the perception they have of the brand.

Branding is the process of creating a distinct identity for a business in the minds of your target audience and the general population. At its core, branding consists of a company's name and logo, visual identity design, mission, values, and tone of voice. Your brand is also determined by the quality and uniqueness of your products, the customer service experience you provide, and even your pricing strategy.

Consumer behaviour is the study of how people make decisions about what they buy, want, need, or act in regards to a product, service, or company. It is critical to understand consumer behaviour to know how potential customers will respond to a new product or service. It also helps companies identify opportunities that are not currently met.

Branding influences consumer behaviour by shaping perceptions, building trust, and creating emotional connections. Strong brands enhance recognition, foster loyalty, and differentiate products in a crowded market, influencing purchasing decisions and driving customer preferences.

## **2. Key Note**

Branding and Consumer Behaviour, Importance of understanding the link between them, Consumer decision-making process, Factors affecting Consumer Behaviour, Role of branding in consumer behaviour, Branding strategies, Consumer Behaviour in the Digital Age, Branding challenges

## **3. Activities and Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by activities like:

- Simple presentation slides
- Brain storming and mapping by asking questions
- Studying cases / Case study
- Role play
- Questions discussion

#### **4. Learning Outcomes**

**1.Branding:** Branding is the strategic process of creating and promoting a unique identity for a product, service, or company. It involves shaping perceptions, building recognition, and influencing consumer behaviour through consistent messaging, visuals, and experiences.

**2.Consumer Behaviour:** Consumer behaviour refers to the study of how individuals make decisions to satisfy their needs and wants.

#### **3.Consumer Decision-making Process:**

- Problem recognition: Recognizes the need for a service or product.
- Information search: Gathers information.
- Evaluation of alternatives: Weighs choices against comparable alternative.
- Purchase decision: Makes actual purchase.
- Post-purchase Behaviour: Makes actual purchase.

#### **4.Factors affecting Consumer Behaviour:**

- Cultural: They affect consumer behaviour by shaping values, norms, preferences, and decision-making patterns within a society.
- Social: They influence consumer behaviour by shaping their purchasing decision based on interactions with family, friends, and social groups.
- Personal: Individual preferences, lifestyle, and demographics impact consumer behaviour.
- Psychological: They include perceptions, motivations, and attitudes that influences consumer behaviour.

## **5.Role of Branding in Consumer Behaviour:**

- Brands as Decision Simplifiers: Brands simplify decisions by offering recognizable signals of quality and trust.
- Emotional Connection and Brand Loyalty: Emotional connection builds brand loyalty by fostering a strong, positive bond, leading to repeat purchases.
- Influence on purchase Decision: By providing familiarity, trust, and perceived value it guides consumers to choose products associated with a recognized and preferred brand.

## **6. Branding strategies to influence consumer behaviour:**

- Consistency across marketing channels: Consistency across marketing channels reinforces brand identity, builds trust, and enhances strategies to influence consumer behaviour.
- Unique Selling Proposition (USP): It provides a distinct and compelling reason for consumers to choose a product or service, setting it apart from competitors.
- Storytelling and Emotional appeal: Storytelling and emotional appeal enhance strategies by creating memorable and relatable experiences, fostering brand loyalty and positive perceptions.

## **7. Consumer Behaviour In Digital Age:**

- Online reviews and social media influence: Consumers often turn to online reviews to research products or services before making a purchase decision. Positive reviews can lead to product discovery, while negative reviews may deter potential buyers.
- E-commerce and brand perception: A well-designed and user-friendly e-commerce website contributes to a positive brand perception. Consumers often associate a smooth and intuitive online shopping experience with a reputable and trustworthy brand.
- Personalisation and targeted marketing: Personalization improves the overall customer experience by delivering content, recommendations, and promotions that are



specifically relevant to individual preferences and targeted marketing campaigns are more likely to capture the attention of consumers.

#### **8.Branding Challenges In The Digital Era:**

**•Information Overload:** It can lead to consumer scepticism, as individuals become more discerning about the authenticity and reliability of brand messages.

**•Shorter Attention Spans:** With an abundance of information available, consumers have shorter attention spans, making it difficult for brands to capture and maintain attention.

**•Maintaining Consistency Across Platforms:** Users are often bombarded with notifications, emails, and other distractions, diverting their attention from branded content.

### **5. Conclusion**

Hence, I can conclude with the note that we have understood from the activities and interaction by Mr. Debasis Sahoo on the Branding and Consumer Behaviour where we have come across the various strategies to influence consumer behaviour towards a product in the Digital Era. Various Case studies and different advertisements were played which have been very interactive to capture the gist of the program. Importance of understanding the relationship between Branding and Consumer Behaviour in the 21st century.

# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

BBA <del>MBA</del> 1st year			
Sr.	Student	Roll No	Signature of Students
1	SHREYAN BHARADWAJ	230409120001	Shreyan Bharadwaj
2	ABHISHEK KUMAR SINGH	230409120002	Abhishek Kumar Singh
3	SAKSHI SUMAN	230409120003	Sakshi Suman
4	AYUSH KUMAR SAHOO	230409120004	Ayush K. Sahoo
5	SUJAL BOSE	230409120005	
6	ROSHAN PUROHIT	230409120006	Rohan Purohit
7	DEBARATI SAHU	230409120007	Debarati Sahu
8	ANAND SINGH	230409120008	Anand Singh
9	PRABIN KUMAR MAHATO	230409120009	
10	SRILAL KISKU	230409120010	Srilal Kisku
11	MANISH PRAJAPATI	230409120011	
12	SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13	RUPESH KUMAR	230409120013	Rupesh
14	ROSHBIN GABRIEL	230409120014	Rashbin Gabriel
15	DIBYA SINGHA PANDA	230409120015	Dibya Singha Panda
16	T. PRANITH	230409120016	T. Pranith
17	M. VARUN KUMAR	230409120017	M. Varun
18	ROHIT SHARMA	230409120018	Rohit Sharma
19	MALAYA KUMAR PALTASINGH	230409120019	
20	SARVISITTI SAI TARUN	230409120020	
21	CHANDNI	230409120021	
22	P. MOULIKA	230409120022	
23	S. KUSUMA	230409120023	
24	MIR INJAMUL HAQUE	230409120024	
25	HEMANTH KUMAR	230409120025	
26	HIMANSHU KUMAR SONI	230409120026	Himanshu K. Soni

27	NIKHIL KUMAR	230409120027	Nikhil Kumar
28	AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29	BISWABRATA CHANDA	230409120029	
30	S HEMANT KUMAR	230409120030	
31	SIPUN NAYAK	230409120031	Sipun Nayak (Present)
32	PRAYASH SWAIN	230409120032	
33	SIBANI PRASAD NAYAK	230409120033	
34	SHREYA DEBNATH	230409120034	Shreya Debnath
35	AVIK MANDAL	230409120035	Shreya Debnath, Avik Mandal
36	ALISHA BECK	230409120036	Alisha Beck
37	BHAGYASHREE DAS	230409120037	
38	V. PADMINI RAO	230409120038	
39	ANUPAM PATTANAYAK	230409120039	Anupam Pattanayak
40	RUTUPRASAN JENA	230409120040	Rutuprasan Jena
41	SUNANDA NAYAK	230409120041	Rutuprasan Jena
42	ARITRA DAS	230409120042	Aritra Das
43	RAJASHREE JAGADEV	230409120043	
44	MANMEET KOUR	230409120044	Manmeet Kour
45	BARUAKSHEE PATRA	230409120045	
46	ANIRBAN BESRA	230409120046	Anirban Besra
47	AKRUTI TRIPATHY	230409120047	
48	ARGHYA ADHIKARY	230409120048	Arghya Adhikary
49	ANUKSHYA CHOWDHURY	230409120049	Anukshya Chowdhury
50	PREMIJT SINGH	230409120050	Premjit Singh
51	NIRAL BALMUCHU	230409120051	Niral Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SNEHA OREYA	230409120053	
54	BISWAJEET SAHOO	230409120054	Biswa
55	PRATYUSH RANJAN SAHU	230409120055	Pratyush Ranjan Sahu
56	SAGAR NAYAK	230409120056	
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	Satish Kumar Mohanty
59	KUSHAL KUMAR DOL	230409120059	Kushal Kumar Dol
60	TOMOHNA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	
62	DEEBYASA PARIDA	230409120062	
63	DEBASMITA PRAHARAJ	230409120063	Debasmita Praharaj
64	SUBHAM SINGH	230409120064	Subham Singh
65	SANCHITA PANDA	230409120065	

66	MITALI MADHUSMITA	230409120066	
67	IVASMITA PARIDA	230409120067	
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Nafiah Egbal
70	SURYASNATA ROUT	230409120070	Suryasnata Rout
71	NEHA KUMARI	230409120071	Neha Kumari
72	KUMARI SANYA	230409120072	Kumari Sanya
73	DEBASIS RANA	230409120073	
74	ARUSHI SINGH	230409120074	
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	V. Uday Kiran Achari
78	ABHIJEET BARIK	230409120078	
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHANA AFRIEN	230409120086	
87	ABHISHEK PAHANTA SINGH	230409120087	
88	D PREM KUMAR	230409120088	D. Prem Kumar
89	ADITYA PRASAD PATI	230409120089	Aditya Prasad Pati
90	B.SAKCHI	230409120090	
91	ROSHAN KUMAR	230409120091	<del>Roshan</del>
92	AKSHAY MAZUMDER	230409120092	
93	PRASANT KUMAR NAYAK	230409120093	
94	ALOK PRABHUPADA JENA	230409120094	Alok prabhupada Jena
95	ROHAN KANDULNA	230409120095	Rohan. kandulna
96	ARCHI VERMA	230409120096	
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar
102	ANITA RANI MOHANTA	230409120102	



# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

BMS 1st year			
Sr.	Student	Roll No	Signature of Students
1	ROHAN PATI	230422100001	Rohan Pati
2	SWAPNA PATAJOSHİ	230422100002	Swapna Patajosh
3	SAISHREE SUBHADARSHINI	230422100003	Saishree Subhadarshini
4	SHYAMAK VAIBHAV DAS	230422100004	Shyamak Vaibhav Das
5	SUBHASHREE SUBHADARSHINI	230422100005	Subhashree Subhadarshini
6	SUSRI PRANGYA DAS	230422100006	Susri Prangya Das
7	PRIYADARSHINI RAUTARAY	230422100007	Priyadarshini Rautaray
8	DIPTIMAYEE SUBUDHI	230422100008	Diptimayee Subudhi
9	ITYASHA PRIYADARSHINI	230422100009	Ityasha Priyadarshini
10	DIBYA RANJAN BEHERA	230422100010	Dibya Ranjan Behera
11	ARPITA MOHAPATRA	230422100011	Arpita Mohapatra
12	SAMIKHYA NAYAK	230422100012	Samikhya Nayak
13	SAUBHAGYA RANJAN SAHOO	230422100013	Saubhagya Ranjan Sahoo
14	AKASH KUMAR DUBEY	230422100014	Akash Kumar Dubey
15	AREEBA ASLAM	230422100015	Areeba Aslam
16	NIKHIL KUMAR	230422100016	Nikhil Kumar
17	PATITAPABANA OJHA	230422100017	Patitapabana Ojha
18	SOMYA RANJAN SAHOO	230422100018	Somya Ranjan Sahoo
19	SILALIPI HARICHANDAN	230422100019	Silalipi Harichandan
20	AESHA OJHA	230422100020	Aesha Ojha
21	ASIT KUMAR JENA	230422100021	Asit Kumar Jena
22	P.M. RASHMI RANJAN BISWAL	230422100022	P.M. Rashmi Ranjan Biswal
23	PABITRA PATRA	230422100023	Pabitra Patra
24	SAI JYOTI SAHU	230422100024	Sai Jyoti Sahu

# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

Sr.	Student	BCOM 1st year	
		Roll No	Signature of Students
1	DIYA GUPTA	230415140001	
2	ADITYA KUMAR SAHOO	230415140002	Aditya Kumar Sahoo
3	DHIREN SAMAL	230415140003	
4	MOUSUMI MONALISHA	230415140004	Mousumi monalisha
5	OM PRASAD PANDA	230415140005	
6	SHREYA KANDHWAY	230415140006	
7	JYOTIRMAYEE SAHOO	230415140007	
8	YOGESH KUMAR NAYAK	230415140008	
9	SIVA SUNDAR SAHU	230415140009	
10	RAHUL PRADHAN	230415140010	
11	MITHILESH KUMAR NATH	230415140011	
12	PRERNA SINGH	230415140012	
13	BABLY DUSAD	230415140013	
14	PRATYUSH DAS	230415140014	
15	AMIT KUMAR PALTASINGH	230415140015	
16	ANURADHA CHOUDHARY	230415140016	Anuradha Choudhary
17	DIBYAJYOTI BOITY	230415140017	
18	B ADITYA PATTHNAIK	230415140018	B- Aditya p-Pathnaik
19	BIDYOTTAM SARANGI	230415140019	Bidyottam Sarangi
20	ABHIPSA SAHU	230415140020	
21	BARSHA RANI BEHERA	230415140021	
22	SNEHA JAISWAL	230415140022	
23	PUJALIN SAHOO	230415140023	
24	HARSHRAJ MALLIK	230415140024	
25	YASH CHAUHAN	230415140025	
26	SUNITA NAYAK	230415140026	
27	MOULI MAHANTA	230415140027	
28	BIBHU PRASAD NATH	230415140028	
29	LIPAN PATEL	230415140029	Lipon Patel
30	MUKESH KUMAR MAJHI	230415140030	
31	SWAROOPA SAGAR	230415140031	
32	MADHUSMITA MISHRA	230415140032	
33	VIJAYLAXMI YADAV	230415140033	

# School of Management

Att. Sheet

for Workshop on Branding and Consumer Behavior: A Match Made in Heaven! on 23.12.2023

Resource Person: Mr. Debasis Sahoo, Entrepreneur, Marketing Specialist

MBA 1st year			
Sr.	Student	Roll No	Signature of Students
1	PRIYANSHU DAS	230402100001	Priyanshu Das
2	DARSHAN RANJAN MOHANTY	230402100002	Darshan Ranjan Mohanty
3	ALOK KUMAR TRIPATHY	230402100003	
4	SANDIP KUMAR SAHOO	230402100004	Sandip K. Sahoo
5	BIGHNESH PANDA	230402100005	Bighnesh Panda
6	NEELAM KAUR	230402100006	
7	SATYA PRAKASH DHAL	230402100007	
8	SUPRIT KUMARI BHUYAN	230402100008	Suprit Kumari Bhuyan
9	SK. MOHAMMED SAJID ALI	230402100009	
10	UDIT NARAYAN SARANGI	230402100010	
11	PRIYANKA SAHOO	230402100011	
12	ASHISH KUMAR PANDA	230402100012	Ashish K. Panda
13	AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14	RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15	SIDHASHREE PRADHAN	230402100015	Sidhashree Pradhan
16	MADHUMITA NANDY	230402100016	
17	PRANGYA SARANGI	230402100017	Prangya Sarangi
18	SASWAT MOHANTY	230402100018	Saswat Mohanty
19	POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20	PRERANA PRIYADARSHINI PR	230402100020	Prerana Priyadarshini Pradhan
21	SUDIPTA BARIK	230402100021	
22	TUSHAR KUMAR PANI	230402100022	Tushar Kumar Pani
23	BAREN KUMAR SAHOO	230402100023	Baren K. Sahoo
24	SIBASONI DEVI	230402100024	Sibasoni Devi
25	SMRUTILEKHA SAHOO	230402100025	Smrutilekha Sahoo
26	ABINASH PARIDA	230402100026	Abinash Parida



27	KANHA SAHOO	230402100027	
28	PRAMODA KUMAR SENAPATI	230402100028	
29	ASMAN SUNDARA	230402100029	
30	ARPAN KUMAR PATTNAIK	230402100030	
31	LOSAN KUMAR SAHOO	230402100031	
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	Myadarshee Parida
34	AVIPSA PATRA	230402100034	
35	RAMIYA PANDA	230402100035	Ramiya Panda
36	ALLURI MADHAVI	230402100036	A. madhavi
37	SUBHASMITA SAHOO	230402100037	Subhasmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi pal
39	SOUMYA RANJAN MATAGAISSI	230402100039	
40	RITESH RANJAN SHARMA	230402100040	Ritesh Ranjan Sharma
41	PRIYANKA PRIYADARSINI MIS	230402100041	Priyanka P. Mishra
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	pravasini Barik
44	CHINMAYEE SAHOO	230402100044	
45	TRUPTI BEHERA	230402100045	
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SOUBHAGYALAXMI DALAI	230402100047	
48	KUNAL DAS	230402100048	Soubhagya Laxmi Dalai
49	MONALISA PRIYADARSHINI	230402100049	
50	HARSH DEEP KUMAR	230402100050	Harsh Kumar
51	SUBHRASNIGDHA MOHAPATRA	230402100051	
52	SANTANU KUMAR SAHOO	230402100052	
53	ASHUTOSH DAS	230402100053	
54	G SUMAN REDDY	230402100054	G. Suman Reddy
55	SUBRAT KUMAR PANDA	230402100055	
56	ARUN SETHI	230402100056	Arun sethi
57	MITA RANI SAHU	230402100057	Mita rani sahu
58	ASURI SUDESH	230402100058	Asuri Sudesh
59	SACHIN AHWAN BEHERA	230402100059	Sachin Ahawan Behera
60	KUMAR GOURABA PARIDA	230402100060	Kumar Gouraba Parida
61	RINKY RAJAK	230402100061	R Rinku
62	PRITAM JENA	230402100062	Pritam jena
63	GYANA RANJAN PRUSETH	230402100063	Gyana Ranjan Pruseth
64	ASHOK KUMAR JENA	230402100064	Ashok Kumar Jena
65	SWEETY MEHER	230402100065	Sweety Meher





**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**A report on  
Business Innovation**

Name of the event	Workshop on Business Innovation
Date of the event	07-03-2024
Name of coordinator	Swetalina Mishra
No. of attendees	30
Mode	In-person (offline)



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE

**4** QUALITY  
EDUCATION

**WORKSHOP ON  
BUSINESS INNOVATION**



**TIME: 11.00 AM**  
**VENUE: HALL NO 6**  
**ARYABHATTA BUILDING**

**MARCH 7, 2024**

**Mr. Rajen Padhi**  
**Commercial Director**  
**B One Business House Pvt**  
**Ltd**

**CENTER FOR COMMERCIALIZATION OF  
INNOVATION AND ENTREPRENEURS**

## **Introduction**

The School of Management in association with Centre for Commercialization of Innovation and Entrepreneurs organised a workshop on “Business Innovation” on 7<sup>th</sup> March 2024. Mr.Rajen Padhi, Commercial Director- B One Business House Pvt.Ltd was invited to be the resource person. The students of MBA programme were the intended participants for the same.

## **Keynote**

The workshop began with a welcome address by Dr.Swetalina Mishra, Assistant Professor, School of Management. Prof DN Rao- Vice President, Centurion University of Technology and Management addressed the student participants and welcomed the Resource Person. Mr.Rajen Padhi provided an overview of the importance of innovation and entrepreneurship in today's world. He encouraged students to understand the importance of innovation and entrepreneurship in the light of economic growth and job creation. He also highlighted the challenges that entrepreneurs face and the importance of developing resilience and perseverance.

## **Activities and Interaction**

The workshop was highly engaging and interactive. Mr.Padhi shared his experience of being a highly successful entrepreneurs. He also provided insights into the entrepreneurial mindset, such as being proactive, taking calculated risks and being open to learning and feedback.

The workshop also included guidance and mentoring support to participants on pursuing careers in innovation and entrepreneurship. He discussed with students about new ideas for starting a new business and also provided information on various funding opportunities available for entrepreneurs.

## **Learning Outcomes**

The workshop provided a new hope and confidence to participants with a valuable learning experience. Participants were able to gain insights into the importance of innovation and entrepreneurship and the skills required to succeed in these fields. The interactive session was highly impactful for students who had some great ideas to start a business.

## Conclusion

The workshop on “Business Innovation” was a great success and it achieved its intended purpose of providing participants with an understanding of the importance of entrepreneurship. Student participants were highly motivated by the interactive session.





Attendance:

Workshop on Business Innovation, Resources Person: Mr. Rajen Padhi,					
Date: 07.03.2024					
School of Management					
SL	NAME	REG. NO	BRANCH	SEM	SIGN.
1	Rajesh Dubey	230409120023	BBA	4th	Rajesh
2	Harshad Adhikari	230409120048	BBA	2nd	Harshad
3	Monika Sharma	230409120085	BBA	2nd	Monika
4	Shreya Ghosh	230409120015	BMS	2nd	Shreya
5	Aryasha Mohanty	210409120051	BBA	6th	Aryasha
6	Shreya Mohanty	210409120095	BBA	2nd	Shreya
7	Shreya Ghosh	230409120010	BBA	4th	Shreya
8	Shreya Deb Nath	230409120034	BBA	2nd	Shreya
9	Anshu K. Sahoo	230409120056	BBA	2nd	Anshu
10	Nikhil Jaiswal	230409120052	BBA	2nd	Nikhil
11	Ritesh R. Sharma	230402100046	MBA	1st	Ritesh
12	Harshad Jaiswal	230402100070	MBA	1st	Harshad
13	Akshay K. Tripathi	230402100019	MBA	1st	Akshay
14	Rajeshwar Palkar	230402100014	MBA	1st	Rajeshwar
15	Arpita Mohapatra	230402100012	BMS	2nd	Arpita
16	Suman Reddy	230402100054	MBA	1st	Suman
17	Anu Setti	230402100056	MBA	1st	Anu
18	Deepak Kumar	230409120101	BBA	1st	Deepak
19	Pranav Samant	230402100017	MBA	1st	Pranav
20	Rubhalaxmi Pal	230402100038	MBA	1st	Rubhalaxmi
21	Pooja Priya Mohanty	230402100040	MBA	1st	Pooja
22	Diptadashree Parida	230402100022	MBA	1st	Diptadashree
23	Dakshina Pradhan	230409120063	BBA	1st	Dakshina
24	Sanjib K. Sahoo	210409120017	BBA	2nd	Sanjib
25	Gonam Bharti	230409120034	BBA	2nd	Gonam
26	Neha Kumari	71	71	71	Neha
27	Madhuri Rao	78	78	78	Madhuri
28	Sanya Kumari	72	72	72	Sanya
29	B. S. S. S. S.	71	71	71	B. S. S. S. S.
30	B. S. S. S. S.	90	90	90	B. S. S. S. S.
31	Indira Prasad	67	67	67	Indira
32	Arshi Meena	96	96	96	Arshi
33	Mohaprabhu Prada	230409120094	BBA	2nd	Mohaprabhu
34					
35					
36					
37					
38					
39					
40					
41					







**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of workshop on Business Standard”**

Name of the event	
Date of the event	16/09/2023
Name of coordinator	Dr. Deepti Mishra
No. of attendees	
Mode	Offline

Say Hi  
to your new  
campus buddy



**BS**mart

### Your Ultimate B-School Companion

A study buddy for students | An assistant to professors | An enabler for the college administration

#### Students



- News
- Quizzes
- Case Studies
- Interview Tips
- Polls
- Business Jargons
- Leadership Videos
- Resume Tips

#### Professors



- Student Progress Tracking Dashboard
- Seamless Content Upload
- Teaching Support Content

#### Admins



- Comprehensive CMS System
- Cross Platform Availability:  

- Secure AWS Cloud Hosting

Duration	Cover Price	Offer Price
12 Months	₹750/-	₹650/-
*Includes complimentary access to Business Standard Premium App worth ₹1799/-		

**Business Standard**  
Insight Out

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Activities and Interaction**
- 4. Learning Outcomes**
- 5. Conclusions**

### **1. Introduction**



Business Standard is an Indian English- language daily edition newspaper published by Business Standard Private Limited. It was founded in 1975, the newspaper covers the Indian economy, infrastructure , international business and trade, stock and currency markets, corporate governance and a range of other financial news, opinions and insights.

Business Standard is India's leading business daily and the preferred choice of serious business readers. It is published from 12 centres- New Delhi, Mumbai, Kolkata, Bengaluru, Chennai, Ahmedabad, Hyderabad, Chandigarh, Pune, Kochi and Bhubaneswar. [www.business-standard.com](http://www.business-standard.com) ,the online property of Business Standard attracts over 15 million unique visitors every month.

## **2. Key Note**

Significance of reading business newspaper, business standard, importance of business standard, BSmart app, procedures to log in, ways app will help students, professors and admins.

## **3. Activities and Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by activities like:

- Simple presentation slides
- Brain storming and mapping by asking questions
- Studying cases / Case study
- Role play
- Questions discussion

## **4. Learning Outcomes**

### **1. Significance of reading business newspaper**

- It tracks, record, analyses and interprets the business economic and financial activities and changes that takes place in societies.
- Keeps us abreast about all the latest trends, and development in every arena.

### **2. Business Standard**

It was founded in 1975. The newspaper covers the Indian economy, infrastructure, international business and trade, stock and currency markets, corporate governance and a range of other financial news, opinions and insights.

### **3. Importance of Business Standard**

- Business Standard newspaper offers holistic and depth analysis and covers a wide section of news related to economy.
- It does not focus on a lot on presenting a mix of political, business, grapevine and forecasting content beyond reality.

### **4. BSmart:**

BSmart is a comprehensive platform to get daily business news, stock and share market news market updates. BSmart is a study buddy for students, an assistant to professors and an enabler for the college administration

The BSmart app offers a non-stop interactive solution to B-Schools/ Management schools students on the campus and in their everyday life, to engage, interact and enable management studies, use content to expand their knowledge, to find all the information and stay connected in real time. The BSmart users such as students and proffessors can leverage the app in communicating with each other and exchanging knowledge/course material and other useful information.

Features the app includes are :

**For Students:**

- News
- Leadership videos
- Quizzes
- Case studies
- Poll
- Business jargons
- Resume tips
- Interview tips

**For Professors:**

- Student Progress
- Tracking Dashboard
- Seamless Content Upload
- Teaching Support Content

**For Admins:**

- Comprehensive CMS System
- Cross Platform Availability
- Secure AWS Cloud Hosting

## **5 CONCLUSION:**

Hence, I can conclude with the note that we have understood from the activities and interaction by Sir. Manoj Kumar Mahapatra on the Business Standard. Where we came across the significance of reading business newspaper, importance of business standard newspaper, all about BSmart app, procedures to log in and the importance of BSmart app in the life of students, professors and admin.



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**A report on  
Career Reality in Real Estate**

Name of the event	Career Reality in Real Estate
Date of the event	16 <sup>th</sup> March 2024
Name of coordinator	Dr. Swetalina Mishra
No. of attendees	147
Mode	In-person (offline)

**CENTURION UNIVERSITY OF TECHNOLOGY AND  
MANAGEMENT, BHUBANESWAR**

EXPERT TALK  
ON

# CAREER REALITY IN REAL ESTATE



**Swarup Jitu Mahapatra**  
(Founder, Orimark Properties)

 **DATE**  
16th March ,2024

 **TIME**  
10:00 AM – 12:00 NOON

 **VENUE**  
Hall no 6, Aryabhatta Building

**Organized  
By**

**School of Management and  
Center for Commercialization of Innovation  
and Entrepreneurship**



## **Introduction**

The School of Management in association with Centre for Commercialization of Innovation and Entrepreneurs organised a workshop on “Career Reality in Real Estate” for students of Management programme. Mr.Swarup Jitu Mahapatra, Founder Orimark Properties was invited as the Resource Person for the workshop.

## **Keynote**

The workshop began with a welcome address by Dr.Swetalina Mishra, School of Management, CUTM. Prof Chinmaya Kumar Dash, Dean, School of Management addressed the student gathering and presented an overview of the possibilities and prospects of career in Real Estate Industry. Mr.Mahapatra addressed the young participants and interacted. He shared his journey of becoming successful entrepreneur and new career avenues for management graduates. He also put emphasize on skill set expected by the industry to sustain in Real Estate.

## **Activities and Interaction**

The workshop intended to create awareness among the mindset of management graduates which was the primary objective of the workshop. The workshop was highly interactive and engaging one.. Mr.Mahapatra shared practical tips and strategies for developing an interest to understand the real estate world and its operation. The workshop also carried the message of being aware of real estate business in detail. He shared information on various career paths related to real estate and the financial aspect of the job profiles.

## **Learning Outcomes**

The workshop provided participants with a valuable industry exposure experience. They were able to gain insights into the career paths and ladder to reach to high worth job profiles in real estate industry.

## **Conclusion**

The workshop was a great interactive and knowledge sharing session for management graduates and helped students to explore career opportunities in real estate world.



# School of Management

Att. Sheet

Expert Talk on Career Reality in Real Estate, Venue: Hall No. 6, Date:  
16.03.2024, Time: 10.00 AM to 12.00 PM  
Resource Person: Mr. Swarup Jitu Mahapatra  
(Founder Orimark Properties)

BBA_Sem_II		
Student	Roll No	Signature of Students
1 SHREYAN BHARADWAJ	230409120001	
2 ABHISHEK KUMAR SINGH	230409120002	
3 SAKSHI SUMAN	230409120003	Sakshi Suman
4 AYUSH KUMAR SAHOO	230409120004	Ayush kr. Sahoo
5 SUJAL BOSE	230409120005	
6 ROSHAN PUROHIT	230409120006	Roshan Purohit
7 DEBARATI SAHU	230409120007	Debarati Sahu
8 ANAND SINGH	230409120008	
9 PRABIN KUMAR MAHATO	230409120009	
10 SRILAL KISKU	230409120010	Srinal Kisku
11 MANISH PRAJAPATI	230409120011	Manish Prajapati
12 SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13 RUPESH KUMAR	230409120013	
14 ROSHBIN GABRIEL	230409120014	
15 DIBYA SINGHA PANDA	230409120015	Dibya Singha Panda
16 T PRANITH	230409120016	
17 M VARUN KUMAR	230409120017	M Varun Kumar
18 ROHIT SHARMA	230409120018	
19 MALAYA KUMAR PALTASINGH	230409120019	Malaya Kumar Paltasingh
20 SARVISITTI SAI TARUN	230409120020	
21 CHANDNI	230409120021	
22 P. MOULIKA	230409120022	
23 S KUSUMA	230409120023	S. Kusuma
24 MIR INJAMUL HAQUE	230409120024	
25 HEMANTH KUMAR	230409120025	
26 HIMANSHU KUMAR SONI	230409120026	Himanshu Kumar Soni
27 NIKHIL KUMAR	230409120027	Nikhil Kumar
28 AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29 BISWABRATA CHANDA	230409120029	Biswabrata Chanda
30 S HEMANT KUMAR	230409120030	S. Hemant Kumar
31 SIPUN NAYAK	230409120031	Sipun Nayak
32 PRAYASH SWAIN	230409120032	Prayash Swain
33 SIBANI PRASAD NAYAK	230409120033	Sibani Prasad Nayak
34 SHREYA DEBNATH	230409120034	
35 AVIK MANDAL	230409120035	
36 ALISHA BECK	230409120036	Alisha Beck
37 BHAGYASHREE DAS	230409120037	
38 V. PADMINI RAO	230409120038	V. Padmini Rao
39 ANUPAM PATTANAYAK	230409120039	
40 RUTUPRASAN JENA	230409120040	Rutuprasan Jena
41 SUNANDA NAYAK	230409120041	
42 ARITRA DAS	230409120042	Aritra Das
43 RAJASHREE JAGADEV	230409120043	
44 MANMEET KOUR	230409120044	Manmeet Kour
45 BARIJAKSHEE PATRA	230409120045	
46 ANIRBAN BESRA	230409120046	
47 AKRUTI TRIPATHY	230409120047	Akruti Tripathy



48	ARGHYA ADHIKARY	230409120048	Arghya Adhikary
49	ANUKSHYA CHOWDHURY	230409120049	
50	PREMIT SINGH	230409120050	
51	NIRAL BALMUCHU	230409120051	Nirala / Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SNEHA OREYA	230409120053	Sneha Orey
54	BISWAJEET SAHOO	230409120054	Biswajit Sahoo
55	PRATYUSH RANJAN SAHU	230409120055	
56	SAGAR NAYAK	230409120056	
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	
59	KUSHAL KUMAR DOL	230409120059	
60	TOMOHHNA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	Deebhaya Parida
62	DEEBHAYA PARIDA	230409120062	Debasmita Pradhan
63	DEBASMITA PRAHARAJ	230409120063	
64	SUBHAM SINGH	230409120064	Sanchita Panda
65	SANCHITA PANDA	230409120065	
66	MITALI MADHUSMITA	230409120066	Mitali Madhusmita
67	IVASMITA PARIDA	230409120067	Ivasmita Parida
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIH EQBAL	230409120069	Nafiah Egbal
70	SURYASNATA ROUT	230409120070	
71	NEHA KUMARI	230409120071	Neha Kumari
72	KUMARI SANYA	230409120072	Kumari Sanya
73	DEBASIS RANA	230409120073	
74	ARUSHI SINGH	230409120074	Arushi Singh
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	Vuday Kiran Achari
78	ABHJEET BARIK	230409120078	
79	ANISH KUMAR MEHER	230409120079	
80	GOLDY PATTANAYAK	230409120080	
81	GULSHAN SINGH THAKUR	230409120081	
82	BHUPEN KUMAR SAGARIA	230409120082	
83	SMERA CHINTAK	230409120083	
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHAN AFRIN	230409120086	
87	ABHISHEK PAHANTA SINGH	230409120087	
88	D PREM KUMAR	230409120088	D Prem Kumar
89	ADITYA PRASAD PATI	230409120089	
90	B SAKCHI	230409120090	B Sakchi
91	ROSHAN KUMAR	230409120091	
92	AKSHAY MAZUMDER	230409120092	
93	PRASANT KUMAR NAYAK	230409120093	
94	ALOK PRABHUPADA JENA	230409120094	Alok prabhupada Jena
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	Archi Verma
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar
102	ANITA RANI MOHANTA	230409120102	



## School of Management

Att. Sheet

Expert Talk on Career Reality in Real Estate, Venue: Hall No. 6, Date:

16.03.2024, Time: 10.00 AM to 12.00 PM

Resource Person: Mr. Swarup Jitu Mahapatra

(Founder Orimark Properties)

MBA_Sem_II		
Student	Roll No	Signature of Students
1 PRIYANSHU DAS	230402100001	
2 DARSHAN RANJAN MOHANTY	230402100002	
3 ALOK KUMAR TRIPATHY	230402100003	
4 SANDIP KUMAR SAHOO	230402100004	
5 BIGHNESH PANDA	230402100005	Bighnesh Panda
6 NEELAM KAUR	230402100006	Neelam Kaur
7 SATYA PRAKASH DHAL	230402100007	Satya Prakash Dhal
8 SUPRIT KUMARI BHUYAN	230402100008	
9 SK. MOHAMMED SAJID ALI	230402100009	
10 UDIT NARAYAN SARANGI	230402100010	Udit Narayan Sarangi
11 PRIYANKA SAHOO	230402100011	
12 ASHISH KUMAR PANDA	230402100012	
13 AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14 RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15 SIDHASHREE PRADHAN	230402100015	
16 MADHUMITA NANDY	230402100016	
17 PRANGYA SARANGI	230402100017	Prangya Sarangi
18 SASWAT MOHANTY	230402100018	
19 POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20 PRERANA PRIYADARSHINI PR	230402100020	
21 SUDIPTA BARIK	230402100021	
22 TUSHAR KUMAR PANI	230402100022	Tushar Kumar Pani
23 BAREN KUMAR SAHOO	230402100023	Baren Kumar Sahoo
24 SIBASONI DEVI	230402100024	Sibasani Devi
25 SMRUTILEKHA SAHOO	230402100025	
26 ABINASH PARIDA	230402100026	Abinash Parida

27	KANHA SAHOO	230402100027	Kanha Sahoo
28	PRAMODA KUMAR SENAPATI	230402100028	Pramoda Kumar Senapati
29	ASMAN SUNDARA	230402100029	Asman Sundara
30	ARPAN KUMAR PATTNAIK	230402100030	Arpan Kumar Pattnaik
31	LOSAN KUMAR SAHOO	230402100031	
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	Dibyadarshinee Parida
34	AVIPSA PATRA	230402100034	Avipsa Patra
35	RAMIYA PANDA	230402100035	Ramiya Panda
36	ALLURI MADHAVI	230402100036	Alluri Madhavi
37	SUBHASMITA SAHOO	230402100037	Subhasmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi Pal
39	SOURMYA RANJAN MATAGAISSI	230402100039	
40	RITESH RANJAN SHARMA	230402100040	Ritesh R. Sharma
41	PRIYANKA PRIYADARSINI MIS	230402100041	Priyanka P. Mishra
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	Pravasini Barik
44	CHINMAYEE SAHOO	230402100044	
45	TRUPTI BEHERA	230402100045	
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SOUBHAGYALAXMI DALAI	230402100047	
48	KUNAL DAS	230402100048	
49	MONALISA PRIYADARSHINI	230402100049	
50	HARSH DEEP KUMAR	230402100050	Harsh Deep Kumar
51	SUBHRASNIGDHA MOHAPATRA	230402100051	
52	SANTANU KUMAR SAHOO	230402100052	Santanu Kumar Sahoo
53	ASHUTOSH DAS	230402100053	
54	G SUMAN REDDY	230402100054	Suman Reddy
55	SUBRAT KUMAR PANDA	230402100055	
56	ARUN SETHI	230402100056	Arun Sethi
57	MITA RANI SAHU	230402100057	
58	ASURI SUDESH	230402100058	
59	SACHIN AHWAN BEHERA	230402100059	
60	KUMAR GOURABA PARIDA	230402100060	Kumar Gourab Parida
61	RINKY RAJAK	230402100061	Rinky Rajak
62	PRITAM JENA	230402100062	Pritam Jena
63	GYANA RANJAN PRUSETH	230402100063	Gyana Ranjan Pruseth
64	ASHOK KUMAR JENA	230402100064	Ashok Kumar Jena
65	SWEETY MEHER	230402100065	

Expert Talk

Student
1 DIYA GUPTA
2 ADITYA KUMAR
3 DHIREN SAM
4 MOUSUMI M
5 OM PRASAD
6 SHREYA KAN
7 JYOTIRMAYE
8 YOUNGESH KL
9 SIVA SUNDA
10 RAHUL PRAE
11 MITHILESH
12 PRERNA SIN
13 BABLY DUSA
14 PRATYUSH
15 AMIT KUMAR
16 ANURADHA
17 DIBYAJYOTI
18 B ADITYA P
19 BIDYOTTAM
20 ABHIPSA S
21 BARSHA R
22 SNEHA JAI
23 PUJALIN S
24 HARSHRAJ
25 YASH CHA
26 SUNITA N
27 MOULI M
28 BIBHU PR
29 LIPAN PA
30 MUKESH
31 SWAROO
32 MADHUS
33 VIJAYLA



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of a talk on Fintech - The Future And Opportunities”**

Name of the event	Fintech - The Future And Opportunities
Date of the event	30/09/2023
Name of coordinator	Dr. Deepti Mishra
No. of attendees	
Mode	Offline



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)



**4  
QUALITY  
EDUCATION**

# A TALK ON

## FINTECH - THE FUTURE AND OPPORTUNITIES

**Guest Speaker**  
**Mr. Mohammad Majid Alli, Director, Cashfree**  
**Alumnus Of SOM, CUTM**

**AT MARITIME BUILDING HALL, CUTM BBSR**  
**ON 30TH SEPTEMBER, 2023 , 02.00 PM**  
**Coordinated by Dr. Deepti Mishra**

**SCHOOL OF MANAGEMENT**  
**CENTRE OF GOVERNANCE AND SUSTAINABLE SOCIETY**  
**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, BHUBANESWAR**



Traditional process of...  
the financial inclusion and opti...

## Contents

- **Introduction**
- **Keynote**
- **Activities and Interaction**
- **Learning Outcomes**
- **Conclusion**





## **1. Introduction**

It is the technology that improves and automates the delivery and use of financial services. The future of fintech is brimming with opportunities, as it continues to democratize finance by offering accessible, efficient, and cost-effective solutions to individuals and businesses. From digital banking and peer-to-peer lending to cryptocurrency and robo-advisors, fintech is revolutionizing how we save, invest, pay, and manage our money.

Fintech, short for Financial Technology, represents the cutting-edge fusion of finance and technology that is revolutionizing the way we manage and access financial services. This innovative industry leverages digital solutions to streamline and enhance the delivery of financial products and services, ranging from payments and lending to investments and insurance. Fintech disrupts traditional financial institutions by harnessing automation, data analytics, and artificial intelligence to offer more efficient, convenient, and personalized solutions to consumers and businesses. As we look to the future, fintech promises an array of opportunities, including greater financial inclusion, reduced costs, enhanced security, and improved accessibility to a wide range of financial products. Its transformative potential continues to reshape the financial landscape, offering a glimpse into a more interconnected and technologically advanced financial ecosystem.

## **2. Key Note**

Disrupts Traditional Process, Financial Inclusion, Pillars of Fintech, Business Fintech Ecosystem, Fintech Universe, Payment Modes, How payment Works.

## **3. Activities and Interaction**

The design of this talk is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The talk in this session was done by activities like:

- Simple presentation slides
- Brain storming and mapping by asking questions
- Studying cases

- Questions discussion

#### **4. Learning Outcomes**

1. Fintech or we can say Financial Technology is
  - Facilitates the financial inclusion and optimizes the operation cost.
  - It disrupts the traditional process of operations.
  - It not only refines the end result, but also simplifies the user journey.
2. The pillars of Fintech are
  - Innovation at it's come- unlock new lesser cases through first to market.
  - Tech first- Reliable, scalable and secure
  - Customer obsession – customer first solution to unlock speed and convenience.
3. Current Business Fintech Ecosystem are
  - Treasury
  - Lending
  - Receivable
  - Payables – Payroll, Vendor Management, Expense Management, Accounting tools
4. Fintech Universe are
  - Payments
  - Digital Banking
  - Investment tech and insure tech
  - P2P lending
  - Blockchain
5. Payment methods which typically running in Indian contexts are
  - Net banking
  - Debit card
  - Credit card
  - UPI
  - Wallet
  - Virtual Account
6. Challenges that are the Fintech industries facing
  - Because of these companies are start-ups, therefore no company is profitable.
  - People are actually finding it very difficult now a days to get the funding.

- Value creation vs Valuation
- We have unicorns, which doesn't make a single rupee profit.
- Multiple regulators are having their eyes on Fintech.

## **5. Conclusion**

Hence, I can conclude with the note that we have understood from the talk by Mr. Mohammad Majil Alli, the industry grapples with challenges such as profitability concerns for startups, funding difficulties, and the delicate balance between value creation and valuation. Regulatory monitoring adds to the complexity. In spite of impediments, Fintech stands as a symbol of advancement, containing extensive promise for the future of finance.



	Name	Regd. No	Signature of Students
1	AMIT KUMAR MALLA	220402100001	Amit Kumar Malla
2	AMISHA KAR	220402100002	
3	DEBASIS SAHOO	220402100003	Debasis Sahoo
4	ABHISEK BARIK	220402100004	Abhisek Barik
5	ROHAN SAHOO	220402100005	Rohan Sahoo
6	PIYUSH MAHAKUD	220402100006	
7	BIBEK MOHAPATRA	220402100007	Bibek Mohapatra
8	RAJESH KUMAR DAS	220402100008	Rajesh Kumar Das
9	SURJYANARAYAN PANIGRAHI	220402100009	Surjyanarayan Panigrahi
10	BIKASH DASH	220402100010	Bikash Dash
11	DIPTIRANJAN NAYAK	220402100011	
12	ASUTOSH SWAIN	220402100012	
13	SMARAK KUMAR BEHERA	220402100013	
14	SHIKSHA KUMARI	220402100014	Shiksha Kumari
15	MONALISHA PRADHAN	220402100015	
16	DEBASHIS MAHAPATRA	220402100016	Debashis Mahapatra
17	SAURAVA KUMAR DATTA	220402100017	Saurava Kumar Datta
18	SONALIKA SAHOO	220402100018	Sonalika Sahoo
19	SUVENDUSUBRATA KUMAR SWAIN	220402100019	
20	ANKITA PATTANAİK	220402100021	Ankita Pattanaik
21	G PALLAVI PRIYADARSHINI	220402100022	G Pallavi Priyadarshini
22	ADITYA MOHAN ACAHARYA	220402100023	Aditya Mohan Acharya
23	SUSHANTA KUMAR ROUT	220402100024	Sushanta K. Rout
24	AMAN KUMAR DHURIA	220402100025	Aman Kumar Dhuria
25	KISHOR ROUT	220402100026	Kishor Rout
26	PRAKASH SAHOO	220402100027	
27	ITISHREE SAHOO	220402100028	Itishree Sahoo
28	AYUSHEE MOHANTY	220402100029	
29	PRIYANKA ACHARYA	220402100030	Priyanka Acharya
30	ROHAN SAHOO	220402100031	
31	RAMESH DAS	220402100032	Ramesh Das
32	SUJAN SARKAR	220402100033	



33	SHIBAJIT DAS	220402100034	Subhashree Sahoo
34	SUBHASHREE SAHOO	220402100035	Ankita Behera
35	ANKITA BEHERA	220402100036	Aradhya Mundra
36	ARADHYA MUNDRA	220402100037	Priyabrata Mohanta
37	PRIYABRATA MOHANTA	220402100038	Simhadri Bhavana.
38	SIMHADRI BHAVANA	220402100039	
39	AYUSMAN PANIGRAHY	220402100040	Raghunath Senapati
40	RAGHUNATH SENAPATI	220402100041	
41	MOUSUMI DAS	220402100042	Abhisekh Sethy
42	ABHISEKH SETHY	220402100043	Subodh Ku. Mehera
43	SUBODH KUMAR MEHER	220402100044	Tapas Ku. Nayak
44	TAPAS KUMAR NAYAK	220402100045	
45	THYADI TARUN	220402100046	Ravi Pareek
46	RAVI PAREEK	220402100048	
47	MOHAN DORA	220402100049	Jagannath Barik
48	JAGANNATH BARIK	220402100050	Abhijit Das.
49	ABHIJIT DAS	220402100051	
50	PATHRLAPALLI MOHAN	220402100053	
51	PRIYANKA PATI	220402100054	
52	BIKI MOHANTA	220402100055	Biki Mohanta
53	ANJALI KUMARI	220402100056	
54	SURAJ KUMAR PRASAD	220402100057	

## GLOBAL FINANCIAL MARKET



Resource Person- SAM PRIYADARSHI

Date – 21<sup>st</sup> August 2023

Venue- centurion University of Technology and Management

Target Audience- Students of School of Management

Mode – online (webinar)

Participants- Management students of all CUTM campuses

### RESOURCE PERSON:



### **SAM PRIYADARSHI**

Senior leader with 25 years of investment experience leading global teams for portfolio management, alpha generation, trading and hedging. Deep knowledge of markets, regulations, portfolio & trading systems. Industry subject matter expert in derivatives and fixed income market structure. Strong global relationships with dealers, asset managers, insurance companies, exchanges, industry associations, and regulators.

## **TOPICS DISCUSSED:**

### **ROLE OF FINANCIAL MARKETS IN THE GLOBAL ECONOMY**

#### **A. Why we have Financial Markets?**

##### **1. CAPITAL FORMATION**

Capital formation is the net capital accumulation during an accounting period for a particular country. The term refers to additions of capital goods, such as equipment, tools, transportation assets, and electricity.

Countries need capital goods to replace the older ones that are used to produce goods and services. If a country cannot replace capital goods as they reach the end of their useful lives, production declines. Generally, the higher the capital formation of an economy, the faster an economy can grow its aggregate income.

Producing more goods and services can lead to an increase in national income levels. To accumulate additional capital, a country needs to generate savings and investments from household savings or based on government policy. Countries with a high rate of household savings can accumulate funds to produce capital goods faster, and a government that runs a surplus can invest the surplus in capital goods.

## 2. RESOURCE ALLOCATION

Resource allocation is the process of assigning and managing assets in a manner that supports an organization's strategic planning goals.

Resource allocation includes managing tangible assets such as hardware to make the best use of softer assets such as human capital. Resource allocation involves balancing competing needs and priorities, and determining the best course of action to maximize the use of limited resources and get the best return on investment.

In practicing resource allocation, organizations must first establish their desired goal, such as increased revenue, improved productivity or better brand recognition. They then must assess what resources will be needed to reach that goal.

## 3. LIQUIDITY AND FLEXIBILITY

Liquidity provides financial flexibility. Having enough cash or easily tradable assets allows individuals and companies to respond quickly to unexpected expenses, emergencies or business opportunities. It allows them to balance their finances without being forced to sell long-term assets on unfavourable terms.

Financial flexibility refers to the capacity of a company to preserve its liquidity and supply cash against unexpected fluctuations that occur in an operational environment.

## 4. PERFORMANCE OF AN ECONOMY

The markets make it easy for buyers and sellers to trade their financial holdings. Financial markets create securities products that provide a return for those who have excess funds (Investors/lenders) and make these funds available to those who need additional money (borrowers).

### B. Different types of Finance

#### 1. PERSONAL FINANCE

Personal finance is a term that covers managing your money as well as saving and investing. It encompasses budgeting, banking, insurance, mortgages, investments, and retirement, tax, and estate planning. The term often refers to the entire industry that provides financial services to individuals and households and advises them about financial and investment opportunities.

## 2. BANKING

two types of banks—retail banks and investment banks.

- Retail banks typically manage withdrawals and deposits as well as supply short-term loans to individuals and small businesses.
- Investment banks focus on providing corporate clients with services such as underwriting and assisting with merger and acquisition (M&A) activity.

## 3. INSURANCE

Insurance is a means of protection from financial loss in which, in exchange for a fee, a party agrees to compensate another party in the event of a certain loss, damage, or injury. It is a form of risk management, primarily used to hedge against the risk of a contingent or uncertain loss

## 4 CAPITAL MARKETS

Capital markets are financial markets that bring buyers and sellers together to trade stocks, bonds, currencies, and other financial assets. Capital markets include the stock market and the bond market. They help people with ideas become entrepreneurs and help small businesses grow into big companies.

**Importance of Capital Markets:** Capital markets allow traders to buy and sell stocks and bonds, and enable businesses to raise financial capital to grow. Businesses also have reduced risk and expenses in acquiring financial capital because they have reliable markets where they can obtain funding

## 5. STOCK MARKET

The term stock market refers to several exchanges in which shares of publicly held companies are bought and sold. Such financial activities are conducted through formal exchanges and via over-the-counter (OTC) marketplaces that operate under a defined set of regulations.

Both “stock market” and “stock exchange” are often used interchangeably. Traders in the stock market buy or sell shares on one or more of the stock exchanges that are part of the overall stock market

## 6. BOND MARKETS

The bond market is often referred to as the debt market, fixed-income market, or credit market. It is the collective name given to all trades and issues of debt securities. Governments issue bonds to raise capital to pay debts or fund infrastructural improvements. Publicly traded companies issue bonds to finance business expansion projects or maintain ongoing operations.

**“Stocks and bonds do not exist physically. Its just all digital entries”**

## 7. FOREIGN EXCHANGE MARKETS

The foreign exchange market (also known as forex, FX, or the currencies market) is an over-the-counter (OTC) global marketplace that determines the exchange rate for currencies around the world. Participants in these markets can buy, sell, exchange, and speculate on the relative exchange rates of various currency pairs.



Foreign exchange markets are made up of banks, forex dealers, commercial companies, central banks, investment management firms, hedge funds, retail forex dealers, and investors.

## 8. DERIVATIVES MARKET

Derivatives market is the financial market for derivatives which are a group of products including futures and options whose value is derived from and/or is dependent on the value of a different underlying asset such as commodities, currency, securities etc.

### C. Who are the market participants?

- Individual investors
- Institutional investors
- Insurance Companies
- Corporations
- Banks
- Intermediaries

### D. Investment Strategies

The term investment strategy refers to a set of principles designed to help an individual investor achieve their financial and investment goals. This plan is what guides an investor's decisions based on goals, risk tolerance, and future needs for capital.

They can vary from conservative (where they follow a low-risk strategy where the focus is on wealth protection) while others are highly aggressive (seeking rapid growth by focusing on capital appreciation).

Investors can use their strategies to formulate their own portfolios or do so through a financial professional. Strategies aren't static, which means they need to be reviewed periodically as circumstances change

### E. Global Economic Factors

The outlook identified five key factors influencing the global economy. The critical issues include high inflation, low economic growth, a robust labor market, geopolitical tension and price shocks for energy and commodities

### F. Market efficiency, risks and returns

In an efficient market, the expected returns from any investment will be consistent with the risk of that investment over the long term, though there may be deviations from these expected returns in the short term.

### G. Financial Crimes

Financial crime is a broad term used to describe criminal activities that involve money or other financial resources. It refers to any illegal activity that involves the use of financial systems, institutions, or instruments for illicit purposes, typically with the goal of generating profits for the perpetrators.

## H. Future of Global Financial Market

The global financial system is undergoing several simultaneous transformations. Digitalization and democratizations are reshaping how capital markets operate. Both investors and corporate issuers have changing needs and expectations, and a range of new actors are joining traditional financial institutions to meet this demand. There are many other systemic issues that pose a risk to global financial stability, heightened by the recent market downturn. The World Economic Forum's Future of Capital Markets Initiative explores how institutions across the capital markets ecosystem can improve trust amid these market shifts and transformations.

There are some emerging new markets such as ethical and green finance which could be destined to play an important role in the future, but it is too early to assess their future importance. This depends crucially on future innovations, which are closely linked to regulation.



**Centurion UNIVERSITY**  
Shaping Lives...  
Empowering Communities...

# SCHOOL OF MANAGEMENT



**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of Education Initiative)

## Workshop on

# GLOBAL FINANCIAL MARKET



**21<sup>st</sup> August 2023 @ 05:30 PM**



**16** PEACE, JUSTICE AND STRONG INSTITUTIONS

**Organised by:**  
Centurion University of Technology and Management  
Center for Governance and Sustainable Societies (CGSS)



**Resource Person**  
**Sam Priyadarshi**  
Ex. Principal, Global Head of  
Portfolio Risk and Derivatives  
at Vanguard

**Faculty Coordinator:**  
— Babu Shankar  
— Dr. Deepti Mishra

**Join Zoom Meeting:**  
<https://us02web.zoom.us/j/84100248326?pwd=ckFEaWZ6UXRaUUUwTzJhdzJPa0ZlQT09>

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

# School of Management

## Attendance Sheet

Title: Global Financial Market

Sl	Name	Regd. No	Signature of Students
1	Rajkishore panda	240301120273	Rajkishore panda
2	Hitesh Barik	11 281	Hitesh Barik
3	Subham Das	282	Subham Das
4	Aman Pradhan	240301120278	Aman Pradhan
5	manojyoti Boro	11 286	Manojyoti Boro
6	Santosh Kumar Das	240301120270	Santosh Das
7	Jayankanti Sahu	240301120270	Jayankanti Sahu
8	Subham Sahu	240301120295	Subham Sahu
9	Shreeram Pradhan	240301120294	Shreeram Pradhan
10	Arabinda Sahoo	240301120286	Arabinda Sahoo
11	Subhat Kumar Sena	240301120300	Subhat Kumar Sena
12	Om mahanara	11 274	Om mahanara
13	Diumohapatra	240301120291	Diumohapatra
14	Yash Ray	240301160012	Yash Ray
15	Amit Das	240301120297	Amit Das
16	Manoranjan Kunduli	240301120316	M. Kunduli
17	Debyajyoti Das	240301120307	D. Das
18	Subham Parida	240301160011	S. Parida
19	Swaprajit Samal	240301160020	Swaprajit Samal
20	Krishna Munda	240301160017	K. Munda
21	Sara Sahoo Dangua	240301160016	S. Dangua
22	Ankit Raj Sahoo	240301120293	A. Sahoo
23	Debasish Pradhan	240301120298	D. Pradhan
24	Arkit Kumar Mohanty	245701180029	Arkit
25	Gourdeepal Mohanty	240301120206	Gourdeepal
26	Supriya Ranandini	240301120297	Supriya
27	Smriti Mohapatra	240301120272	Smriti
28	Om Prakash Bhoi	240301120270	Om
29	Balibisai Brarath Kumar	240301120314	B. Brarath
30	Priyabrata Sahoo	240301120284	Priyabrata
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			





# A Report On

## Health, Safety and Social Security

### Focusing on Students, Staff and Faculty Members

20<sup>th</sup> January 2024 (Saturday) from 10 AM to 5 PM

#### Joint Organizers

Centurion University of Technology and Management (CUTM), Odisha  
&  
Indo German Focal Point (IGFP), India



#### Conveners

**Prof. (Dr.) Chinmaya Kumar Dash**

Dean

School of Management

Mobile No. 9874271899

Email: [chinmayakumar.dash@cutm.ac.in](mailto:chinmayakumar.dash@cutm.ac.in)

**Dr. Ansuman Jena**

Dean, School of Undergraduate Studies

Director, Center for Internal Quality Assurance

Mobile No. 9040209907

Email: [ansuman.jena@cutm.ac.in](mailto:ansuman.jena@cutm.ac.in)

## Section-1: About the Seminar

### 1.1 Objective

The primary objective of the seminar was to create awareness and promote discussions on "Health, Safety & Social Securities" with a specific focus on students, staff, and faculty members. The seminar aimed to address the challenges and opportunities in ensuring a secure and healthy environment within educational institutions and industries, fostering a holistic approach towards well-being. Additionally, the event sought to establish collaboration between Centurion University of Technology and Management (CUTM) and Indo German Focal Point (IGFP) for mutual benefits in health, safety, and social security.

### 1.2 Outcome

Following are the broad outcomes of the seminar.

- **Enhanced Awareness:** Participants gained a deeper understanding of health, safety, and social security issues, particularly those affecting students, staff, and faculty members within an educational context.
- **Collaborative Initiatives:** The seminar facilitated the release of the IGFP calendar, symbolizing a collaborative effort between CUTM and IGFP. The round table discussion further explored potential areas of collaboration.
- **Expert Insights:** The plenary sessions, featuring distinguished resource persons, provided valuable insights into Vision Zero, workplace safety, and stress management. Participants benefitted from the expertise shared by the speakers.
- **Networking and Knowledge Sharing:** The seminar provided a platform for networking and knowledge exchange among participants, including members of IGFP, students, faculty, and staff from various campuses of CUTM.
- **Actionable Strategies:** The seminar aimed to equip attendees with practical strategies and preventive measures for addressing communicable diseases and managing stress in an educational and workplace setting.

## Section-2: Proceedings of the Inaugural Ceremony

### 2.1 Arrival and Welcome (10:00 - 11:00)

The seminar commenced with the arrival of guests and a warm welcome orchestrated by the faculty and officials of the university. The guests were given a campus tour by Dr. Abhijit Mohanty and Ms. Subhashree Rout, Assistant Professor, SoM. The campus tour provided an overview of the university's infrastructure and facilities, showcasing the unique approach of the university to bringing sustainability, technology, entrepreneurship, academics, and community together on one campus.

### 2.2 Invitation to the Dais (11:00 - 11:05)

Dr. Swetalina Mishra, Assistant Professor, SoM, invited the dignitaries to the dais:

- Prof. Supriya Pattanayak, Vice Chancellor, CUTM
- Mr. Bimal Kumar Sahu, Founder Director, IGFP
- Prof. Subhashis Sahu, Head, Department of Physiology, University of Kalyani
- Dr. Rama Chandra Rout, Director of Nursing, Govt. of Odisha



### 2.3 Lighting of Lamp and Invocation Song (11:05 - 11:10)

The ceremonial lighting of the lamp was followed by an invocation song, marking the auspicious beginning of the seminar.



### 2.4 Welcome Address (11:10 - 11:15)



Dr. Chinmaya Kumar Dash, Dean of the School of Management, extended a warm welcome to the participants and set the tone for the seminar.

## 2.5 Opening Address (11:15 - 11:25)

Prof. Supriya Pattanayak, Vice-Chancellor, CUTM, delivered the opening address, emphasizing the importance of health, safety and social security in an educational institution and also outlined the significance of the seminar.

## 2.6 Introductory Address (11:25 - 11:35)



Mr. Bimal Kumar Sahu, Founder Director of IGFP, delivered an introductory address highlighting the collaborative efforts in organizing the event.

## 2.7 Release of IGFP Calendar (11:35 - 11:40)

The Chief Guest and VC, CUTM, released the IGFP calendar, showcasing essential dates and events for the year.



## 2.8 Address on Communicable Diseases (11:40 - 11:50)



Dr. Rama Chandra Rout, Director of Nursing, Govt. of Odisha, spoke on "Communicable Diseases and Preventive Measures".

## 2.9 Felicitation of Guests (11:50 - 11:55)

The distinguished guests were felicitated for their valuable presence and contributions to the seminar.



## 2.10 Vote of Thanks and Group Photo (11:55 - 12:00)

The seminar's gratitude was expressed through a vote of thanks, followed by a group photo session to capture the memorable moments.





### Section-3: Plenary Sessions

#### 3.1 Online Session 1 (1:30 - 2:00)

Topic: Vision Zero: An Issue of Daily Management Behaviour

Resource Person: Dr. sc. ETH Mark Fülleemann, Founder, Practice & Experience, Switzerland



#### 3.2 Online Session 2 (2:00 - 2:30)

Topic: Safety at the Workplace

Resource Person: Dr. Malay Kumar Pradhan, Deputy

Director – Safety, Directorate of Factories & Boilers, Govt. of Odisha



#### 3.3 Session 3 (2:30 - 3:00)

Topic: Stress Management

Resource Person: Prof. Subhashis Sahu, University of Kalyani, West Bengal



#### 3.4 Question and Answer Session (3:00 - 3:30)

The audience engaged in a question and answer session with the resource persons.

#### 3.5 Summary of Deliberations (3:30 - 3:45)

Dr. Ansuman Jena, Dean of the School of Undergraduate Studies, summarized the key takeaways from the sessions.



#### 3.6 Felicitation of Resource Persons (3:45 - 3:50)

Resource persons were felicitated for sharing their expertise.



#### 3.7 Vote of Thanks (3:50 - 4:00)

A formal vote of thanks was given to conclude the seminar.

### 3.8 Round Table Discussion (4:30 - 5:00)

A round table discussion on areas of collaboration between CUTM and IGFP was conducted.

### Conclusion

The seminar successfully achieved its goal of addressing health, safety and social security, fostering collaboration, and providing valuable insights for the participants. The plenary sessions provided valuable insights and recommendations for ensuring the well-being of students, staff, and faculty members. The round table discussion paved the way for future partnerships, enhancing the university's overall safety and security environment. The seminar successfully addressed critical health, safety, and social security aspects, fostering collaboration between academia and industry experts.

### Annexure-1: Flyer

The flyer is for a seminar titled "Health, Safety & Social Securities with focus on students, staff and faculty members". It is jointly organized by Centurion University of Technology and Management, Odisha, and the Indo German Focal Point (IGFP), India. The seminar is scheduled for 20th January, 2024, from 10:30 AM to 5:30 PM, at the Auditorium, Aryabhata Building, CUTM. The flyer features portraits of seven speakers: Prof. Supriya Pattanayak (Vice-Chancellor, CUTM), Sd. Santhanagopalan R. (IAS, Commissioner-Cum-Secretary, Labour & IG Department, Govt. of Odisha), Mr. Bimal Kumar Sahu (Executive Director, IIGP), Prof. Subhashis Sahu (Associate Professor and Head, Department of Physiology, University of Barisal), Dr. Rama Chandra Rout (Director of Nursing, Govt. of Odisha), Dr. Malay Kumar Pradhan (Deputy Director - Safety, Directorate of Factories & Boilers, Govt. of Odisha), and Dr. sc. ETH Mark Füllemann (Postdoc, Practice & Experience, Switzerland). The conveners are Dr. Ansuman Jena (Dean, School of Undergraduate Studies & Director, Center for Internal Quality Assurance) and Dr. Chinmaya Kumar Dash (Dean, School of Management).

**Seminar On**  
**"Health, Safety & Social Securities with focus on students, staff and faculty members"**  
Jointly Organized By  
**Centurion University of Technology and Management, Odisha & Indo German Focal Point (IGFP), India**

**20th January, 2024 | 10:30 AM - 5:30 PM**  
**Venue: Auditorium, Aryabhata Building, CUTM**

**Speakers:**  
Prof. Supriya Pattanayak (Vice-Chancellor, CUTM)  
Sd. Santhanagopalan R. (IAS, Commissioner-Cum-Secretary, Labour & IG Department, Govt. of Odisha)  
Mr. Bimal Kumar Sahu (Executive Director, IIGP)  
Prof. Subhashis Sahu (Associate Professor and Head, Department of Physiology, University of Barisal)  
Dr. Rama Chandra Rout (Director of Nursing, Govt. of Odisha)  
Dr. Malay Kumar Pradhan (Deputy Director - Safety, Directorate of Factories & Boilers, Govt. of Odisha)  
Dr. sc. ETH Mark Füllemann (Postdoc, Practice & Experience, Switzerland)

**Conveners -**  
Dr. Ansuman Jena (Dean, School of Undergraduate Studies & Director, Center for Internal Quality Assurance)  
Dr. Chinmaya Kumar Dash (Dean, School of Management)

## Annexure-2: Agenda of the Event

Time	Event
10.00 to 11.00	Arrival on campus, welcome and Campus Tour of the guests by Dr. Abhijit Mohanty and Ms. Subhashree Rout; Assistant Professor, SoM
11.00 to 11.05	Invitation to the dignitaries to the dais by Dr. Swetalina Mishra, Assistant Professor, SoM <ul style="list-style-type: none"> <li>• Prof. Supriya Pattanayak Vice Chancellor, CUTM</li> <li>• Mr Bimal Kumar Sahu, Founder Director, IGFP</li> <li>• Prof. Subhashis Sahu, Associate Professor and Head, Department of Physiology, University of Kalyani</li> <li>• Dr. Rama Chandra Rout, Director of Nursing, Govt. of Odisha</li> </ul>
11.05 to 11.10	Lighting of lamp and invocation song
11.10 to 11.15	Welcome address by Dr. Chinmaya Kumar Dash, Dean, School of Management
11.15 to 11.25	Opening address by Prof. Supriya Pattanayak (PhD), Vice Chancellor, CUTM
11.25 to 11.35	Introductory address by Mr. Bimal Kumar Sahu, Founder Director, IGFP
11.35 to 11.40	Release of IGFP calendar by Chief Guest and VC, CUTM
11.40 to 11.50	Address by the Chief Guest - Sj. Santhanagopalan R. (IAS), Commissioner-Cum-Secretary, Labour & ESI Department, Govt. of Odisha
11.50 to 11.55	Felicitation of the Guests
11.55 to 12.00	Vote of Thanks by Dr. Ansuman Jena, Dean, School of Undergraduate Studies and Director, Center for Internal Quality Assurance
12.00 to 01.30	Lunch Break
<b>PLENARY SESSIONS</b>	
1.30 to 2.00	(Online Session) Topic: <b>Vision Zero: An Issue of Daily Management Behaviour</b> Resource Person: <b>Dr. sc. ETH Mark Füllemann</b> , Founder, Practice & Experience, Switzerland
2.00 to 2.30	(Online Session) Topic: <b>Safety at the Workplace</b> Resource Person: <b>Dr. Malay Kumar Pradhan</b> , Deputy Director – Safety, Directorate of Factories & Boilers, Govt. of Odisha
2.30 to 3.00	Topic: <b>Stress Management</b> Resource Person: <b>Prof. Subhashis Sahu</b> , Associate Professor and Head, Department of Physiology; In-Charge, Ergonomics and Occupational Physiology Laboratory, University of Kalyani, West Bengal
3.00 to 3.30	Question and Answer Session
3.30 to 3.45	Summary of Deliberations by Dr. Ansuman Jena, Dean, School of Undergraduate Studies and Director, Center for Internal Quality Assurance
3.45 to 3.50	Felicitation of the Resource Persons
3.50 to 4.00	Vote of Thanks by Dr. Chinmaya Kumar Dash, Dean, School of Management
4.00 to 4.30	High Tea
4.30 to 5.00	Round Table Discussion on areas of collaboration between CUTM and IGFP

### Annexure-3: Attendance of the Participants

[illegible][illegible]

The image is a very poor quality scan of a document, possibly a form or ledger. It features a header section with illegible text, followed by a large table with multiple columns and rows of data that cannot be read. There are some faint markings and what appears to be a signature or stamp in the lower right area of the table.

[illegible]A blank, lined page from a notebook. The page features horizontal ruling lines and a vertical margin line on the right side. The paper appears slightly aged with some faint smudges and a small dark mark near the top left corner. The text "Page 1" is faintly visible at the top right.A photograph of a single sheet of white paper with horizontal blue or grey ruling lines. The paper is oriented vertically and appears to be resting on a dark surface. There are some faint smudges and shadows across the page, particularly towards the bottom right corner.[illegible]

NAME	DATE	TIME	LOCATION	REMARKS
1. [illegible]	11/11/11	10:00	101	
2. [illegible]	11/11/11	10:05	101	
3. [illegible]	11/11/11	10:10	101	
4. [illegible]	11/11/11	10:15	101	
5. [illegible]	11/11/11	10:20	101	
6. [illegible]	11/11/11	10:25	101	
7. [illegible]	11/11/11	10:30	101	
8. [illegible]	11/11/11	10:35	101	
9. [illegible]	11/11/11	10:40	101	
10. [illegible]	11/11/11	10:45	101	
11. [illegible]	11/11/11	10:50	101	
12. [illegible]	11/11/11	10:55	101	
13. [illegible]	11/11/11	11:00	101	
14. [illegible]	11/11/11	11:05	101	
15. [illegible]	11/11/11	11:10	101	
16. [illegible]	11/11/11	11:15	101	
17. [illegible]	11/11/11	11:20	101	
18. [illegible]	11/11/11	11:25	101	
19. [illegible]	11/11/11	11:30	101	
20. [illegible]	11/11/11	11:35	101	
21. [illegible]	11/11/11	11:40	101	
22. [illegible]	11/11/11	11:45	101	
23. [illegible]	11/11/11	11:50	101	
24. [illegible]	11/11/11	11:55	101	
25. [illegible]	11/11/11	12:00	101	
26. [illegible]	11/11/11	12:05	101	
27. [illegible]	11/11/11	12:10	101	
28. [illegible]	11/11/11	12:15	101	
29. [illegible]	11/11/11	12:20	101	
30. [illegible]	11/11/11	12:25	101	
31. [illegible]	11/11/11	12:30	101	
32. [illegible]	11/11/11	12:35	101	
33. [illegible]	11/11/11	12:40	101	
34. [illegible]	11/11/11	12:45	101	
35. [illegible]	11/11/11	12:50	101	
36. [illegible]	11/11/11	12:55	101	
37. [illegible]	11/11/11	1:00	101	
38. [illegible]	11/11/11	1:05	101	
39. [illegible]	11/11/11	1:10	101	
40. [illegible]	11/11/11	1:15	101	
41. [illegible]	11/11/11	1:20	101	
42. [illegible]	11/11/11	1:25	101	
43. [illegible]	11/11/11	1:30	101	
44. [illegible]	11/11/11	1:35	101	
45. [illegible]	11/11/11	1:40	101	
46. [illegible]	11/11/11	1:45	101	
47. [illegible]	11/11/11	1:50	101	
48. [illegible]	11/11/11	1:55	101	
49. [illegible]	11/11/11	2:00	101	
50. [illegible]	11/11/11	2:05	101	
51. [illegible]	11/11/11	2:10	101	
52. [illegible]	11/11/11	2:15	101	
53. [illegible]	11/11/11	2:20	101	
54. [illegible]	11/11/11	2:25	101	
55. [illegible]	11/11/11	2:30	101	
56. [illegible]	11/11/11	2:35	101	
57. [illegible]	11/11/11	2:40	101	
58. [illegible]	11/11/11	2:45	101	
59. [illegible]	11/11/11	2:50	101	
60. [illegible]	11/11/11	2:55	101	
61. [illegible]	11/11/11	3:00	101	
62. [illegible]	11/11/11	3:05	101	
63. [illegible]	11/11/11	3:10	101	
64. [illegible]	11/11/11	3:15	101	
65. [illegible]	11/11/11	3:20	101	
66. [illegible]	11/11/11	3:25	101	
67. [illegible]	11/11/11	3:30	101	
68. [illegible]	11/11/11	3:35	101	
69. [illegible]	11/11/11	3:40	101	
70. [illegible]	11/11/11	3:45	101	
71. [illegible]	11/11/11	3:50	101	
72. [illegible]	11/11/11	3:55	101	
73. [illegible]	11/11/11	4:00	101	
74. [illegible]	11/11/11	4:05	101	
75. [illegible]	11/11/11	4:10	101	
76. [illegible]	11/11/11	4:15	101	
77. [illegible]	11/11/11	4:20	101	
78. [illegible]	11/11/11	4:25	101	
79. [illegible]	11/11/11	4:30	101	
80. [illegible]	11/11/11	4:35	101	
81. [illegible]	11/11/11	4:40	101	
82. [illegible]	11/11/11	4:45	101	
83. [illegible]	11/11/11	4:50	101	
84. [illegible]	11/11/11	4:55	101	
85. [illegible]	11/11/11	5:00	101	
86. [illegible]	11/11/11	5:05	101	
87. [illegible]	11/11/11	5:10	101	
88. [illegible]	11/11/11	5:15	101	
89. [illegible]	11/11/11	5:20	101	
90. [illegible]	11/11/11	5:25	101	
91. [illegible]	11/11/11	5:30	101	
92. [illegible]	11/11/11	5:35	101	
93. [illegible]	11/11/11	5:40	101	
94. [illegible]	11/11/11	5:45	101	
95. [illegible]	11/11/11	5:50	101	
96. [illegible]	11/11/11	5:55	101	
97. [illegible]	11/11/11	6:00	101	
98. [illegible]	11/11/11	6:05	101	
99. [illegible]	11/11/11	6:10	101	
100. [illegible]	11/11/11	6:15	101	



**25<sup>th</sup> June 2024**

**A Report**  
**on**  
**“Holistic Development: Nurturing Learning Environment”**  
**Dr. Nandita Mishra, Director Chetana Institute of**  
**Management and Research**

**Time: 10:00AM to 12:00PM**

**Speaker's Profile:**

Dr. Nandita Mishra is currently serving as the Director of Chetana's Institute of Management and Research (CIMR). She holds a Ph.D. and a Postdoctoral Fellowship in Management, alongside a PGDHRM, and MPhil & MA in Economics. Dr. Mishra has earned Gold Medals in Economics for her Master's and MPhil degrees. With extensive experience in academia, she has taught Economics and Management courses at various institutions, both in India and internationally.

Her leadership at CIMR has driven the institute to new heights, fostering a culture of innovation and industry engagement. Dr. Mishra's research interests include women empowerment, sustainability, organizational development, and higher education. She actively engages in action research that leads to tangible implementation, reflecting her commitment to excellence and societal contribution.

Dr. Mishra's journey began in Sambalpur, Odisha, where she developed a passion for academia from an early age. She has worked across different cities, including Kolkata, Chennai, and Muscat, Oman, before finding a fulfilling association with CIMR. Her dedication to Corporate Social Responsibility (CSR) and philanthropy is evident through her active participation in various initiatives aimed at empowering women entrepreneurs and achieving Sustainable Development Goals.

## OBJECTIVE

The objective of this session was

1. **Promote Comprehensive Educational Practices:** To introduce and encourage the adoption of integrative teaching methods that address the intellectual, emotional, social, physical, and ethical development of students.
2. **Enhance Emotional Intelligence and Ethical Leadership:** To emphasize the importance of building emotional intelligence and ethical leadership qualities in students, preparing them for personal and professional success.
3. **Foster Sustainable and Nurturing Learning Environments:** To provide strategies and practices for creating sustainable and nurturing learning environments that support holistic development and align with educational and community empowerment goals.

## OUTCOMES

The workshop on "Holistic Development: Nurturing Learning Environment" led by Dr. Nandita Mishra resulted in several significant outcomes. Participants left with a deeper understanding of the holistic approach to education, which emphasizes the integration of intellectual, emotional, social, physical, and ethical development in teaching practices. Dr. Mishra's insights equipped attendees with practical strategies to create and maintain nurturing learning environments that support comprehensive student growth.

Furthermore, the session highlighted the critical role of emotional intelligence and ethical leadership in shaping future leaders. Participants gained valuable knowledge on how to foster these qualities in students, preparing them for personal and professional success. The workshop also underscored the importance of sustainable practices in education, aligning with global educational and community empowerment goals.

Overall, the session inspired educators and administrators to adopt a more holistic and inclusive approach to education, ultimately contributing to the development of well-rounded, resilient, and ethically-grounded individuals.

## DESCRIPTION

The workshop on "Holistic Development: Nurturing Learning Environment" provided a comprehensive exploration of innovative educational practices aimed at fostering an enriching learning environment. Conducted on June 25, 2024, this session was spearheaded by Dr. Nandita Mishra, Director of Chetana's Institute of Management and Research (CIMR), and organized by the CCCDC in collaboration with the Centre of Governance and Sustainable Society and SoM.

The session began with an overview of the vision and mission of Centurion University of Technology and Management (CUTM), setting the stage for the workshop's focus on holistic development and educational excellence. Dr. Mishra emphasized the importance of nurturing creativity, fostering critical thinking, encouraging collaboration, and enhancing communication skills in students. These four competencies are crucial for preparing students to thrive in a rapidly changing global environment.

An in-depth discussion on Outcome-Based Education (OBE) was a central part of the workshop. Participants learned about the principles of OBE and its significance in aligning educational outcomes with industry needs and societal expectations. Practical strategies for implementing OBE in educational institutions were explored, highlighting the shift from traditional teaching methods to a more student-centered approach that focuses on measurable learning outcomes. The workshop compared traditional and modern educational practices, outlining the benefits and challenges of each. Dr. Mishra provided insights into how modern education, driven by OBE, better prepares students for the demands of the 21st century.

Participants were guided through the process of developing and designing OBE frameworks within their institutions, ensuring that educational programs are outcome-focused and aligned with the desired competencies and skills. The session included a detailed exploration of Bloom's Taxonomy, a hierarchical model used to classify educational learning objectives into levels of complexity and specificity. This tool is essential for developing effective learning outcomes and assessments.

Recognizing the importance of mental well-being in education, the workshop addressed strategies for promoting mental health among students and faculty. Dr. Mishra highlighted the need for creating a supportive environment that prioritizes mental well-being as a foundation for effective learning. Additionally, the session underscored the importance of faculty engagement in fostering a nurturing learning environment, encouraging educators to actively participate in continuous professional development and collaborative practices.

Overall, the workshop provided valuable insights and practical strategies for enhancing the quality of education through holistic development, fostering a nurturing learning environment, and preparing students for future challenges.

## CONCLUSION

The workshop on "Holistic Development: Nurturing Learning Environment," led by Dr. Nandita Mishra, provided participants with valuable insights into creating a comprehensive and supportive educational environment. By emphasizing the integration of creativity, critical thinking, collaboration, and communication, and highlighting the importance of Outcome-Based Education, the session equipped educators with practical strategies for enhancing student development. The focus on mental well-being and faculty engagement further reinforced the need for a holistic approach to education, ultimately preparing students to meet the challenges of the future with resilience and competence.











# Holistic Development: Nurturing Learning Environment

Attendance Sheet, 25.06.2024

Sl. No	Name	School	Signature
1	Supriya Kulkarni	VI	
2	Dr. Deepa Mishra	SOM	
3	Dr. Susanta K Mishra	SOM	
4	Shri Sankar Das	SOM	
5	Roseemita Mishra	SOM	
6	Jyotirmayee Sahoo	SOM	
7	Rajani Agrawalla	SOM	
8	Prachinika Sahoo	SOL	
9	Nika Chaturvedi	SOL	
10	Dr. M. D. Patra	SOL	
11	Debabrata Panda	SOPLS	
12	Prasanna Panda	SOPLS	
13	Dr. Pratap Kumar Patra	SOPLS	
14	Satyajayanti Tripathy	SOPLS	
15	Dr. Kuntalaya Mishra	SOPLS	
16	Mr. Dipdimayee Jena	SOPLS	
17	Dr. Abhishek Mishra	SOM	
18	Pranita Mohanty	SOPAHs	
19	Aswathi P	SOPAHs	
20	Anushleela Fernandes	"	
21	Manalisa Sahoo	PhD Scholar (SOPAHs)	
22	Sushree Sugandhika	SOPAHs	
23	Dr. P. S. R. Roy or Datta	SOM	
24	Dr. Biswajit Nishu Sahu	SOPLS, BBSR	
25	Dr. Chandan K. Boro	SOPLS, BBSR	
26	Dr. Soniya Saswati Panigrahi	SOPAHs, BBSR	
27	Dr. Srikanya Grandhi	SOPAHs, BBSR	

Sl. No	Name	School	Signature
28	Dr Fahima Diknawaz	Biotechnology	
29	Dr. Madhusmita Redha	Biotechnology	
30	Dr. Sahjatarat Naha	Biotechnology	
31	Dr. Ragan Kumar Sahoo	Biotechnology	
32	Ramita Dena	SoPLS	
34	Sanati Bhuyabal	SoPLS	
35	Bhargavi Behera	SoPLS	
36	Shreshthashree Das	SoPLS	
37	Aradhana Panigrahi	SoPLS	
38	Guptansjali Sahu	SoPLS	
39	Iyoshna Pani Das	SoPLS	
40	Deepika Ahuja	SoPAHS	
41	Sushmita Nayak	SOVET	
42	Somalika pradhan	SOVET	
43	Lipsarani Dash	SOVET	
44	Adilagna Sahoo	SOVET	
45	Nilanchala Patra	SOVET	
46	Yashwant Chini	SoPLS	
47	Bhuvan Sananturay	SOVET	
48	Ann lei Sam	SOVET	
49	Bikash Jena	SoPLS	
50	Himansu Deyan Samal	SoPLS	
51	Upasana Singh	School of Law	
52	Annapurna Panda	SOVET	
53	Sootasmita Mahapatra	SOVET	





**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

**“A report of workshop on Insurance is the assurance:  
For a Better Future for a Better Society”**

Name of the event	Insurance is the assurance: For a Better Future For a Better Society
Date of the event	02/12/2023
Name of coordinator	Dr.Promod Kumar Patjoshi
No. of attendees	150
Mode	Offline



# SCHOOL OF MANAGEMENT



## CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

CENTRE FOR COMMERCIALIZATION OF  
INVITATION AND ENTREPRENEURSHIP (CCIE)

### WORKSHOP ON :

**-INSURANCE IS THE ASSURANCE : FOR A BETTER FUTURE FOR  
A BETTER SOCIETY-**



2nd December 2023 From 10:00 am To 01:00 pm.



Aryabhata Building, Hall No. -06

RESOURCES PERSON:-

FACULTY-COORDINATOR :-

**PRAMOD KUMAR PATJOSHI**

**MR. GYANARANJAN MISHRA**

(CEO, Gram Tarang insurance Broking Pvt Ltd)

**Mr. PRAYASRANJAN MISHRA**

(Senior BDM, SBI General Insurance)



Centurion  
UNIVERSITY  
Shaping Lives,  
Empowering Communities.

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Activities and Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

## **1. Introduction**

Insurance serves as a cornerstone for building a better future and a stronger society. It acts as a safety net, mitigating the financial impact of unforeseen events like accidents, illnesses, or natural disasters. By providing financial security, it empowers individuals and families to overcome challenges and navigate life's uncertainties with greater peace of mind.

Beyond individual benefits, insurance creates a ripple effect that strengthens the fabric of society. By stabilizing individual finances, it reduces economic burden and promotes financial inclusion. This, in turn, fosters greater resilience within communities, allowing individuals to contribute more effectively and pursue their aspirations. Moreover, insurance encourages risk-taking and innovation, as individuals feel more secure venturing into new endeavours with the knowledge that they are protected against potential setbacks. Consequently, it drives economic growth and societal progress.

In essence, insurance serves as the foundation upon which individuals and communities can build a brighter future. By providing financial security and fostering resilience, it empowers individuals to reach their full potential and contributes to the collective well-being of society as a whole.

## **2. Key Note**

Insurance, Assurance, Human Life value Calculation, financial security, financial inclusion, risk-taking, economic growth, societal progress

## **3. Activities and Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by activities like:

- Brain storming and mapping by asking questions
- Studying cases / Case study
- Role play
- Questions discussion



## **4. Learning Outcomes**

### **1. Understanding the Role of Insurance:**

- Concept of risk and uncertainty: Recognize the inherent risks and uncertainties present in life and how insurance helps manage them.
- Types of insurance: Identify and differentiate between different types of insurance products available, including life, health, property, and liability insurance.
- Insurance mechanisms: Understand the fundamental principles of insurance, such as pooling of risks, premium calculation, and claims processes.

### **2. Assessing Individual Needs:**

- Financial risk assessment: Identify and assess your personal exposure to financial risks across different aspects of your life.
- Insurance needs analysis: Analyse your individual needs and choose the appropriate insurance products to provide adequate protection.
- Benefits and limitations: Understand the benefits and limitations of different types of insurance policies and their impact on your financial security.

### **3. Making Informed Decisions:**

- Comparative analysis of insurance products: Compare and contrast different insurance options based on coverage, premiums, claim settlement ratios, and other relevant factors.
- Policy terms and conditions: Read and understand the terms and conditions of insurance policies to ensure they meet your specific needs and expectations.
- Financial planning: Integrate insurance into your overall financial plan to achieve long-term financial goals and stability.

### **4. Social Impact of Insurance:**

- Contribution to economic growth: Recognize the role of insurance in promoting economic stability and growth by providing financial security to individuals and businesses.
- Social protection: Understand how insurance helps mitigate the impact of unexpected events on individuals and families, contributing to social equity and well-being.
- Building a resilient society: Appreciate how insurance promotes a culture of risk management and preparedness, making communities more resilient to unforeseen challenges.
- Ethical considerations in insurance: Understand the ethical principles involved in the insurance industry and the importance of responsible conduct by all stakeholders.
- Regulatory environment: Gain basic knowledge of the regulations governing the insurance industry and their role in ensuring consumer protection.
- Future trends in insurance: Explore emerging trends in the insurance landscape and how they might impact individuals and society in the future.

By understanding these learning outcomes, individuals can become informed consumers of insurance products, make responsible financial decisions, and contribute to a more secure and resilient society.

## **5. Conclusion**

Hence, I can conclude with the note that we have understood from the activities and interaction by Mr. Gyana Ranjan Mishra and Mr. Prayas Ranjan Mishra that insurance plays a crucial role in building a better future and society. It provides individuals and families with financial security against unforeseen events, protecting them from facing devastating consequences. Whether it's a health crisis, an accident, or an untimely death, insurance ensures that individuals and their dependents are financially sound and can continue to pursue their dreams and aspirations. By minimizing financial burdens, insurance fosters a more equitable and secure society where everyone has the opportunity to thrive. Additionally, insurance companies can leverage their resources to invest in communities and contribute to social development, further strengthening the fabric of society. So, insurance is more than just a financial product; it's a powerful tool that empowers individuals and communities to build a better future for them and for generations to come.

## Attendance of the students(MBA, BCOM,BBA)

**School of Management, CUTM**  
Workshop on Insurance is the Assurance: For a Better Future for a Better  
Society  
Dt. 02.12.2023

MBA ~~BCOM~~ Semester-I

Sr.	Student	Roll No	Signature
1	PRIYANSHU DAS	230402100001	Priyanshu Das
2	DARSHAN RANJAN MOHANTY	230402100002	Darshan Ranjan Mohanty
3	ALOK KUMAR TRIPATHY	230402100003	Alok
4	SANDIP KUMAR SAHOO	230402100004	Sandip Kumar Sahoo
5	BIGNESH PANDA	230402100005	BIGNESH PANDA
6	NEELAM KAUR	230402100006	Neelam Kaur
7	SATYA PRAKASH DHAL	230402100007	Satya Prakash Dhal
8	SUPRIT KUMARI BHUYAN	230402100008	Suprit Bhuya
9	SK. MOHAMMED SAJID ALI	230402100009	SK. Mohammed Sajid Ali
10	UDIT NARAYAN SARANGI	230402100010	Udit Narayan Sarangi
11	PRIYANKA SAHOO	230402100011	Priyanka Sahoo
12	ASHISH KUMAR PANDA	230402100012	
13	AKANKSHA TRIPATHY	230402100013	Akanksha Tripathy
14	RAJASHREE PAIKARAY	230402100014	Rajashree Paikaray
15	SIDHASHREE PRADHAN	230402100015	Sidhashree Pradhan
16	MADHUSMITA NANDY	230402100016	Madhusmita Nandy
17	PRANGYA SARANGI	230402100017	Prangya Sarangi
18	SASWAT MOHANTY	230402100018	Saswat Mohanty
19	POOJA JYOTI MOHANTY	230402100019	Pooja Jyoti Mohanty
20	PRERANA PRIYADARSHINI PRADHAN	230402100020	PRERANA PRIYADARSHINI PRADHAN
21	SUDIPTA BARIK	230402100021	
22	TUSHAR KUMAR PANI	230402100022	Tushar Kumar Pani
23	BAREN KUMAR SAHOO	230402100023	Baren K. Sahoo
24	SIBASONI DEVI	230402100024	Sibasoni devi
25	SMRUTILEKHA SAHOO	230402100025	Smrutilekha Sahoo
26	ABINASH PARIDA	230402100026	Abinash Parida
27	KANHA SAHOO	230402100027	Kanha Sahoo
28	PRAMOD KUMAR SENAPATI	230402100028	Pramod K. Senapati
29	ASMAN SUNDARA	230402100029	Asman sundara
30	ARPAN KUMAR PATTNAIK	230402100030	Arpan Kumar pattnaik

31	LOSAN KUMAR SAHOO	230402100031	Losan kumar saho
32	REETIKA NAYAK	230402100032	Reetika Nayak
33	DIBYADARSHINEE PARIDA	230402100033	dibyadarshinee parida
34	AVIPSA PATRA	230402100034	AVIPSA patra
35	RAMIYA PANDA	230402100035	Ramiya panda
36	ALLURI MADHAVI	230402100036	a. madhavi
37	SUBHASHMITA SAHOO	230402100037	Subhashmita Sahoo
38	SUBHALAXMI PAL	230402100038	Subhalaxmi pal
39	SOURYA RANJAN MATAGAISINGH	230402100039	Sourya Singh
40	RITESH RANJAN SHARMA	230402100040	Ritesh Ranjan Sharma
41	PRIYANKA PRIYADARSINI MISHRA	230402100041	Priyanka Priyadarshini
42	PAYAL PRIYA MOHANTY	230402100042	Payal Priya Mohanty
43	PRAVASINI BARIK	230402100043	Pravasi Barik
44	CHINMAYEE SAHOO	230402100044	Chinmayee Sahoo
45	TRUPTI BEHERA	230402100045	
46	SRUTI BEHERA	230402100046	Sruti Behera
47	SUBHAGYALAXMI DALAI	230402100047	Subhagya Laxmi Dalai
48	KUNAL DAS	230402100048	
49	MONALISA PRIYADARSHINI	230402100049	Monalisa Priyadarshini
50	HARSH DEEP KUMAR	230402100050	Harsh Deep Kumar
51	SUBHRASNIGDHA MOHAPATRA	230402100051	
52	SANTANU KUMAR SAHOO	230402100052	
53	ASHUTOSH DAS	230402100053	
54	G SUMAN REDDY	230402100054	G. SUMAN REDDY
55	SUBRAT KUMAR PANDA	230402100055	
56	ARUN SETI	230402100056	Arun sethi
57	MITA RANI SAHU	230402100057	Mita rani sahu
58	ASURI SUDESH	230402100058	Asuri sudesh
59	SACHIN AHWAN BEHERA	230402100059	Sachin Ahwan Behera
60	KUMAR GOURABA PARIDA	230402100060	
61	RINKY RAJAK	230402100061	Pinky Rajak
62	PRITAM JENA	230402100062	Pritam Jena
63	GYANA RANJAN PRUSETH	230402100063	
64	ASHOK KUMAR JENA	230402100064	Ashok kumar Jena
65	SWEETY MEHER	230402100065	Sweetly meher



**School of Management, CUTM**  
Workshop on Insurance is the Assurance: For a Better Future for a Better  
Society

Dt. 02.12.2023

BCOM Semester-I

Sr.	Student	Roll No	Signature
1	DIYA GUPTA	230415140001	Diya Gupta
2	ADITYA KUMAR SAHOO	230415140002	Aditya Kumar Sahoo
3	DHIREN SAMAL	230415140003	Dhiren Samal
4	MOUSUMI MONALISHA	230415140004	Mousumi Monalisha
5	OM PRASAD PANDA	230415140005	
6	SHREYA KANDHWAY	230415140006	Shreya Kandhway
7	JYOTIRMAYEE SAHOO	230415140007	
8	YOUNGESH KUMAR NAYAK	230415140008	
9	SIVA SUNDAR SAHU	230415140009	Siva Sundar Sahu
10	RAHUL PRADHAN	230415140010	Rahul Pradhan
11	MITHILESH KUMAR NATH	230415140011	Mithilesh Kumar Nath
12	PRERNA SINGH	230415140012	
13	BABLY DUSAD	230415140013	Babli Dusad
14	PRATYUSH DAS	230415140014	
15	AMIT KUMAR PALTASINGH	230415140015	
16	ANURADHA CHOUDHARY	230415140016	Anuradha Choudhary
17	DIBYAJYOTI BOITY	230415140017	
18	B ADITYA PATNAIK	230415140018	
19	BIDYOTTAM SARANGI	230415140019	
20	ABHIPSA SAHU	230415140020	Abhipsa Sahu
21	BARSHA RANI BEHERA	230415140021	Barsha Rani Behera
22	SNEHA JAISWAL	230415140022	Sneha Jaiswal
23	PUJALIN SAHOO	230415140023	
24	HARSHRAJ MALLIK	230415140024	
25	YASH CHAUHAN	230415140025	Yash Chauhan
26	SUNITA NAYAK	230415140026	
27	MOULI MAHANTA	230415140027	
28	BIBHU PRASAD NATH	230415140028	
29	LIPAN PATEL	230415140029	
30	MUKESH KUMAR MAJHI	230415140030	Mukesh Kumar Majhi
31	SWAROOPA SAGAR	230415140031	
32	MADHUSMITA MISHRA	230415140032	
33	VIJAYLAXMI YADAV	230415140033	Vijaylaxmi Yadav

**School of Management, CUTM**  
Workshop on Insurance is the Assurance: For a Better Future for a Better Society

Dt. 02.12.2023

~~BBA~~  
~~MBA~~ Semester-I

Sr.	Student	Roll No	Signature
1	SHREYAN BHARADWAJ	230409120001	
2	ABHISHEK KUMAR SINGH	230409120002	Abhishek Kumar Singh
3	SAKSHI SUMAN	230409120003	Sakshi Suman
4	AYUSH KUMAR SAHOO	230409120004	Ayush Kr. Sahoo
5	SUJAL BOSE	230409120005	
6	ROSHAN PUROHIT	230409120006	Roshan Purohit
7	DEBARATI SAHU	230409120007	Debarati Sahu
8	ANAND SINGH	230409120008	Anand Singh
9	PRABIN KUMAR MAHATO	230409120009	
10	SRILAL KISKU	230409120010	Srilal Kisku
11	MANISH PRAJAPATI	230409120011	
12	SHRUTI CHAKRABORTY	230409120012	Shruti Chakraborty
13	RUPESH KUMAR	230409120013	Rupesh Kumar
14	ROSHBIN GABRIEL	230409120014	Roshbin Gabriel
15	DIBYA SINGHA PANDA	230409120015	Diba Singha Panda
16	T PRANITH	230409120016	T. Pranith
17	M VARUN KUMAR	230409120017	M. Varun Kumar
18	ROHIT SHARMA	230409120018	Ronith Sharma
19	MALAYA KUMAR PALTASINGH	230409120019	
20	SARVISITTI SAI TARUN	230409120020	Sai Tarun
21	CHANDNI	230409120021	
22	P. MOULIKA	230409120022	P. Moulika
23	S.KUSUMA	230409120023	S. Kusuma
24	MIR INJAMUL HAQUE	230409120024	Mir Injamul Haque
25	HEMANTH KUMAR	230409120025	Hemant Kumar
26	HIMANSHU KUMAR SONI	230409120026	Himanshu Kumar Soni
27	NIKHIL KUMAR	230409120027	Nikhil Kumar
28	AYUSH KUMAR SINGH	230409120028	Ayush Kumar Singh
29	BISWABRATA CHANDA	230409120029	
30	S HEMANT KUMAR	230409120030	S. Hemant Kumar

31	SIPUN NAYAK	230409120031	Sipun Nayak
32	PRAYASH SWAIN	230409120032	Prayash Swain
33	SIBANI PRASAD NAYAK	230409120033	Sibani Prasad Nayak
34	SHREYA DEBNATH	230409120034	Shreya Debnath
35	AVIK MANDAL	230409120035	Avik Mandal
36	ALISHA BECK	230409120036	Alisha Beck
37	BHAGYASHREE DAS	230409120037	
38	V. PADMINI RAO	230409120038	V. padmini Rao
39	ANUPAM PATTANAYAK	230409120039	Anupam Pattanayak
40	RUTUPRASAN JENA	230409120040	Rutuprasan Jena
41	SUNANDA NAYAK	230409120041	
42	ARITRA DAS	230409120042	Aritra Das
43	RAJASHREE JAGADEV	230409120043	
44	MANMEET KOUR	230409120044	
45	BARIJAKSHEE PATRA	230409120045	
46	ANIRBAN BESRA	230409120046	Anirban Besra
47	AKRUTI TRIPATHY	230409120047	
48	ARGHYA ADHIKARY	230409120048	Arghya Adhikary
49	ANUKSHYA CHOWDHURY	230409120049	Anukshya Chowdhury
50	PREMJIT SINGH	230409120050	Premjit Singh
51	NIRAL BALMUCHU	230409120051	Nirjal Balmuchu
52	NIKHIL JAISWAL	230409120052	Nikhil Jaiswal
53	SNEHA OREYA	230409120053	
54	BISWAJEET SAHOO	230409120054	
55	PRATYUSH RANJAN SAHU	230409120055	Pratyush ranjan sahu
56	SAGAR NAYAK	230409120056	
57	AYUSHMAN BOITI	230409120057	Ayushman Boiti
58	SATISH KUMAR MOHANTY	230409120058	Satish Kumar Mohanty
59	KUSHAL KUMAR DOL	230409120059	Kushal Kumar dol
60	TOMOHHNA MUKHERJEE	230409120060	
61	ABHISHEK SAMANTARAI	230409120061	Abhishek Samantarai
62	DEEBYASA PARIDA	230409120062	
63	DEBASMITA PRAHARAJ	230409120063	Debasmita Praharaj
64	SUBHAM SINGH	230409120064	Subham Singh
65	SANCHITA PANDA	230409120065	
66	MITALI MADHUSMITA	230409120066	



67	IVASMITA PARIDA	230409120067	Tanasmita Parida .
68	SOYAM PRAKASH SAHOO	230409120068	
69	NAFIAH EQBAL	230409120069	Hafiah Egbal
70	SURYASNATA ROUT	230409120070	
71	NEHA KUMARI	230409120071	Neha Kumari
72	KUMARI SANYA	230409120072	Kumari Sanya
73	DEBASIS RANA	230409120073	Debasia Rana
74	ARUSHI SINGH	230409120074	Arushi Singh
75	ADITYA NAYAK	230409120075	
76	ARUNASISH CHAKRABORTY	230409120076	
77	V UDAY KIRAN ACHARI	230409120077	
78	ABHIJEET BARIK	230409120078	Abhijeet Barik
79	ANISH KUMAR MEHER	230409120079	Anish Kumar meher
80	GOLDY PATTANAYAK	230409120080	
81	GULSHAN SINGH THAKUR	230409120081	Gulshan Singh Thakur
82	BHUPEN KUMAR SAGARIA	230409120082	Bhupen Kumar Sagarua
83	SMERA CHINTAK	230409120083	Smeka Chintak
84	SONAM BHARTI	230409120084	Sonam Bharti
85	MONIKA SHARMA	230409120085	Monika Sharma
86	SUHANA AFRIEN	230409120086	
87	ABHISHEK PAHANTA SINGH	230409120087	
88	D PREM KUMAR	230409120088	D Prem Kumar
89	ADITYA PRASAD PATI	230409120089	Aditya Prasad pati
90	B.SAKCHI	230409120090	B.Sakchi
91	ROSHAN KUMAR	230409120091	Roshan Kumar
92	AKSHAY MAZUMDER	230409120092	
93	PRASANT KUMAR NAYAK	230409120093	Prasant Kumar Nayak
94	ALOK PRABHUPADA JENA	230409120094	
95	ROHAN KANDULNA	230409120095	
96	ARCHI VERMA	230409120096	Archi Verma
97	SUDHANSHU SEKHAR	230409120097	
98	AMBRISH DUBEY	230409120098	
99	BRAJESH KUMAR BAGH	230409120099	
100	ASHISH RAJ	230409120100	
101	DEEPAK KUMAR	230409120101	Deepak Kumar.
102	ANITA RANI MOHANTA	230409120102	Anita Rani



## Workshop Report: Insurance Sales Management

Resource Person: Mr. Orayas Mishra

Date: 17<sup>th</sup> February 2023

Venue: Koutilaya Building

Organizer: School of Management

Participants: Students of BBA 6<sup>th</sup> Semester

### Objective:

The primary objective of the workshop on Insurance Sales Management was to equip participants with the necessary skills and strategies to enhance their performance in selling insurance products effectively.

### Key Highlights:

**Introduction to Insurance Sales Management:** This session provided an overview of the insurance industry, the role of sales management within it, and the importance of effective sales strategies.

**Understanding Customer Needs:** Participants engaged in discussions and exercises aimed at understanding the diverse needs and preferences of potential insurance customers. This session emphasized the significance of empathy and active listening in identifying and addressing customer needs.

**Product Knowledge and Communication Skills:** A comprehensive overview of various insurance products was provided, focusing on their features, benefits, and suitability for different customer segments. Additionally, communication techniques and strategies for effectively conveying product information to customers were discussed and practiced.

**Sales Techniques and Strategies:** This session delved into various sales techniques and strategies tailored specifically for the insurance industry. Topics included prospecting, lead generation, overcoming objections, and closing sales. Real-life case studies and role-playing exercises were utilized to illustrate effective sales techniques.

**Utilizing Technology in Sales:** With the increasing importance of technology in modern sales processes, this session explored the role of technology in insurance sales. Participants learned about various tools and platforms available for lead generation, customer relationship management, and sales tracking.

**Compliance and Ethical Considerations:** Ensuring compliance with regulatory requirements and maintaining ethical standards is crucial in the insurance industry. This session provided an overview of relevant regulations and guidelines, emphasizing the importance of ethical conduct in sales practices.

**Performance Monitoring and Evaluation:** The workshop concluded with a discussion on the importance of monitoring sales performance and implementing mechanisms for continuous

improvement. Participants learned about key performance indicators (KPIs) relevant to insurance sales and strategies for evaluating and enhancing performance.

Outcome:

Enhanced understanding of customer needs and preferences.

Improved product knowledge and communication skills.

Acquisition of effective sales techniques and strategies.

Appreciation of the role of technology in modern sales processes.

Awareness of compliance and ethical considerations in insurance sales.

Understanding of performance monitoring and evaluation techniques.



## List of Participant

### BBA, Semester\_VI

Sr.	Student	Roll No	Signature of Students
1	ANISHA LENKA	210409120001	
2	SANJEEBANI SWAIN	210409120002	
3	ABHISHEK MOHANTY	210409120003	
4	JYOTIRANJAN NAIK	210409120004	
5	SOUMYA MAHAKUDA	210409120005	Shaili Sharma
6	SHAILI SHARMA	210409120006	
7	NAMRATA SAHU	210409120007	Namrata Sahoo
8	P MAMTA KUMARI	210409120008	
9	NIKHIL RAJWADE	210409120009	Nikhil Rajwade
10	ARUNDHUTI HALDAR	210409120010	Arundhati Haldar
11	NILESH KUMAR MAHATO	210409120011	Nilesh K. Mahato
12	DIVYA PURTY	210409120012	Divya Purty
13	FIROJ KUMAR KUNWAR	210409120013	Firoj Kumar
14	PRATIKSHYA ROUT	210409120014	Pratikshya Rout
15	SHUBHAM ADHIKARY	210409120015	
16	ITISMITA BARIK	210409120016	Itismita Barik
17	SAMBITOSH SAHU	210409120017	Sambitosh Sahu
18	AYUSMAN SAI TRIPATHY	210409120018	
19	ADITYA RAJ SAHU	210409120019	Aditya Sahu
20	AVINASH DUBEY	210409120020	Avinash Dubey
21	SAGAR BEHERA	210409120022	Sagar Behera
22	SIBAM ARYAN BEHERA	210409120023	Sibam Behera
23	ROHINI TIRKEY	210409120024	Rohini Tirkey
24	ISHITA VERMA	210409120025	Ishta
25	JASWINDER KAUR	210409120026	Jaswinder Kaur
26	KHUSHI CHAKRABORTY	210409120027	
27	MAHI AGARWAL	210409120028	MAHI AGARWAL
28	MRINMOY PAUL	210409120029	
29	NOSHEEN PARVEEN	210409120030	Nosheen Parveen
30	SATYAM KUMAR SINGH	210409120031	
31	AAVYA	210409120032	
32	PRITESH KUMAR	210409120033	
33	SOUMYA RANJAN JENA	210409120034	
34	CHAITRADEV JENA	210409120035	
35	TANMAY SAHOO	210409120036	Tanmay Sahoo
36	ANISH KUMAR AGARWALLA	210409120037	
37	MOUSUMI PARIDA	210409120038	
38	ADYASHA NANDA	210409120039	
39	MOUSUMI MANSWANI PATRA	210409120040	
40	SUBHAM PRASAD	210409120041	Subham Prasad
41	ANISH KUMAR	210409120042	Anish Kumar

41	ANGEL HORO	210409120042	Angel Horo
----	------------	--------------	------------

42	PRATYUSH KUMAR PATHY	210409120043	
43	SHRUTI SINGH	210409120044	Shruti
44	SHANU SINGH	210409120045	Shanu Singh
45	SOHAN SHANKAR NAYAK	210409120047	Shohan Shanka Nayak
46	SANGRAM SAHOO	210409120050	Sangram Sahoo
47	ADYASHA MOHANTY	210409120051	
48	AYUSH AGRAWAL	210409120052	Ayush Agrawal
49	BIBHUTI BHUSHAN PATRA	210409120053	Bibhuti Bhushan Patra
50	SHAIK SHEZAD ALI QUADRI	210409120055	Shaiq Shezad Ali Quadri
51	AYUSH PRASAD PADHI	210409120056	Ayush Prasad Padhi
52	DINESH KUMAR	210409120057	
53	KUNJESH KAUSHAL	210409120058	Kunjesh Kaushal
54	SUMEET SOURAV PRADHAN	210409120059	
55	RAJVARDHAN PRATAP SINGH	210409120060	
56	YASHVARDHAN PRATAP SINGH	210409120061	
57	DEBADATTA PANDA	210409120062	Debadatta Panda
58	LOPAMUDRA MOHANTY	210409120063	
59	ALEKHA KUMAR SAHOO	210409120064	Aleekha Ku Sahoo
60	S. K HABIBUR ALI	210409120065	S.K. Habibur Ali
61	GLORY PETER	210409120066	Glory Peter
62	SURAJ KUMAR SAHU	210409120067	Suraj K. Sahu
63	AMIT KUMAR GUPTA	210409120068	Amit Kumar Gupta
64	MONALISHA ORAM	210409120069	Monalisha Oram
65	AMRUT SPANDAN PUJARI	210409120070	Amruti S. Pujari
66	PAULOMI SENGUPTA	210409120071	
67	ARPITA DAS	210409120072	Arpita Das
68	AMAN KUMAR SAH	210409120073	
69	SEWAKJEET SINGH	210409120074	Sewakjeet
70	ASHUTOSH SWAIN	210409120075	
71	BISWAJEET SAMANTARAY	210409120076	Biswajeet Samantaray
72	UTKAL KUMAR SANDH	210409120078	Utkal Ku. Sandha
73	RAJ PRASAD DUTTA	210409120079	Raj Prasad
74	RAHUL KUMAR SAHANI	210409120080	Rahul Kumar Sahani
75	VIKASH NAYAK	210409120081	
76	CHIRAG SINGH BASNET	210409120082	
77	DEEPAK KUMAR	210409120083	
78	MUSKAN SINGH	210409120085	Muskan
79	REENA SOREN	210409120086	Reena Soren
80	SOURAV PATRA	210409120087	
81	PAPPU KUMAR MEHTA	210409120092	Pappu Kumar Mehta
82	RUCHI SHARMA	210409120094	
83	SHEETAL MOHANTY	210409120095	
84	ROHIT KUMAR SHARMA	210409120096	Rohit Kumar Sharma
85	ABINASH CHETIA	210409120097	Abinash Chetia
86	SATTWIK BHAKAT	210409120098	
87	PRABHUDATTA MALLIK	210409120100	Prabhu Datta Mallik
88	SUBHAJIT PAIRA	210409120101	Subhrajit Paira

Faculty Coordinator

K Patjoshi

Pramod Kumar Patjoshi



## Live Streaming of PM address on Vikasit Bharat@2047

The BBA students and faculty members joined the live streaming of the Prime Minister's Address on Vikash Bharat @2047 in the MBA seminar hall on 11<sup>th</sup> December 2023. It was a motivational session and the students actively participated in the event.

Event Name : Live streaming of the Prime Minister's Address on Vikash Bharat @2047

Date :11 December 2023

Venue : MBA Seminar Hall

Time :10 am


### Photos







## Attendance Sheet

 <b>Centurion</b> UNIVERSITY <small>Shaping the Future</small>	<b>Centurion University of Technology and Management</b> <b>Paralakhemundi Campus</b>		
<b>Attendance Sheet</b>			
Topic-Live Streaming of Vikasit Bharat @2047 Utsav Inagural			
By-Hon'ble Primenister			
Dep:-SoM		Venu:-MBA Seminar Hall	
Date:- 11.12.2023		Time:- 10:00AM Onwards	
Sl.No	Name of the Students	Regd.No	Signature
1	SALLA KARTHIK	230209120001	S. Karthik
2	KARAN SINGH	230209120002	K. Singh
3	DOKA PRASOONA	230209120003	D. Prasanna
4	TELAGAMSETTY KUSHAL	230209120004	T. Kushal
5	SNEHA SNIGDHA BISHOYI	230209120005	S. Sneha
6	JOGENDRA POLLAI	230209120006	JOGENDRA POLLAI
7	Chaitanya Madabhaktula	230209120007	
8	POLAKI USHASREE	230209120008	P. Ushasree
9	GIFTSON MAHAPATRA	230209120009	G. Mahapatra
10	ANUPAMA PRADHAN	230209120010	A. Pradhan
11	INDRAJEET UPADHYAY	230209120011	I. Upadhyay
12	RUSTAM KUMAR	230209120012	
13	BALAJI MAHANTY	230209120013	B. Mahanty
14	KHUSHI KUMARI	230209120014	
15	MUSHKAN KUMARI	230209120015	M. Kumari
16	RAJEEV KUMAR	230209120016	R. Kumar
17	SUNASOGODO TAPASWINI	230209120017	S. Tapaswini
18	SMRUTI SIKHA MOHANKUDO	230209120018	S. Mohankudo
19	KORADA PRASANNA	230209120019	K. Prasanna
20	NASTAIN .	230209120020	N. Nastain
21	SANJAY PANDA	230209120021	S. Panda
22	PRADEEP KUMAR PANIGRAHI	230209120022	P. Panigrahi
23	SAMPARA SRAWANI	230209120023	S. Srawani
24	ABHISHEK PANDA	230209120024	A. Panda
25	SHAKTI PRADA PATRO	230209120025	S. Patro

26	SAVARA SANTOSH KUMAR	230209120026	S. Santosh Kumar
27	KONCHADA LAVYA	230209120027	K. Lavya
28	SASANAM KARTHIK	230209120028	
29	TEKKALI SWETA	230209120029	Sweta
30	PAILA KIRAN	230209120030	P. Kiran
31	KOTTAPALLI VAISHNAVI	230209120031	Kottapalli Vaishnavi
32	ALLU PREETI	230209120032	
33	DANNANA VARUN KUMAR	230209120033	D. Varun Kumar
34	GACHUPENDI HIMAGIRI	230209120034	
35	NEMALIPURI SOUMYA	230209120035	N. Soumya
36	PONUEL MISHAL	230209120036	Ponuel Mishal
37	MANAS RANJAN BISWAL	230209120037	Manas Ranjan Biswal
38	PINNINTI GANESH	230209120038	P. Ganesh
39	KILLARI GANESH	230209120039	
40	MOSA VANAJAKSHI	230209120040	M. Vanajakshi
41	JALLANDA PRIYANKA	230209120041	Priyanka
42	RELLI ARAVIND	230209120042	
43	PICHUKA ANUSHA	230209120043	
44	CHATTI JOSHINI	230209120044	Ch. Joshini
45	ADAPA KEERTHI CHANDU	230209120045	A. Keerthi Chandu
46	SANDEEP SAHA	230209120046	Sandeep Saha
47	KUNAL KUMAR	230209120047	
48	JITENDRA KUMAR	230209120048	Jitendra Kumar
49	BIRCHANDRA KUMAR	230209120049	
50	YABAJI SATYASAI	230209120050	Y. Satya Sai
51	AMAN KUMAR	230209120051	Aman Kumar
52	ADARSH KUMAR JAISWAL	230209120052	
53	JEEVAAN JAISWAL	230209120053	Jeevaan Jaiswal
54	SHASHIKALA KUMARI	230209120054	Shashikala Kumari
55	SATISH PANDA	230209120055	
56	MINTU KUMAR	230209120056	
57	MOHIT KUMAR	230209120057	
58	PRIYANSHU KUMAR	230209120059	
59	LINGALA VENKATA PRUDHIV	230209120060	Lingala Venkata Prudhiv
60	NAJIR ALAM	230209120062	Najir Alam



61	ANIKET KUMAR	230209120063	
62	JAMI GAGAN	230209120064	
63	HANUMANTU GAGAN	230209120065	H. Gagan
64	SIMHADRI LEEPIKA	230209120066	S. Reepika
65	HONY KUMARI	230209120067	
66	GANTA PALLAVI	230209120068	G. Pallavi

26<sup>th</sup> June 2024, Session-01

**A Report**  
**on**  
**“Making Research Memorable, Publishable and Impactful:  
Appreciation and Understanding Data needs”**

**Prof. Rabi Narayan Subudhi, CUTM (SoM)**

**Formerly with: KIIT, VIT, BU,**

*Former Editor, UGC CARE listed journals*

**Time: 10:00AM to 11:15AM**

**Speaker’s Profile:** Prof. Subudhi is a Senior Professor of Management with a total teaching experience of over 34 years, presently with School of Management, KIIT Bhubaneswar. Earlier, he served Berhampur University Odisha for 20 years, and VIT University Vellore for 1 year. In 2007, he joined KIIT University as Professor of Management. He was Chairperson of MBA Prog of KIIT University, for over 4 years. After completing Masters & M. Phil. degree in Statistics, he completed his Ph.D. (in Management), with Senior Fellowship (SRF) from CSIR. He is also an alumnus of IIM Ahmedabad, where he completed FDPM. Currently he is associated with Centurion University of Technology and management as an Adjunct Professor

**Research & Publications:**

He has published/ edited ten books and over 75 research papers. He writes popular articles for

regional newspapers regularly. He is the former editor of Journals & magazines like, Strategy

(Management Research Journal of Berhampur University). Presently he is presently the Chief

Editor of peer-reviewed Management Research Journal Parikalpana (of KIIT University. Ten research scholars have already got Ph.D. under his supervision.

He has presented research papers in over 60 conferences (including 25 International conferences,

in countries like USA, UK, Australia, Singapore, Nepal, Bhutan and India).

He is former President of Operational Research Society of India (ORSI) – Bhubaneswar chapter

**OBJECTIVE**

The objective of this session was

- Enhancing research quality and credibility was the key objective of this session. Understanding the importance of accurate and reliable data to ensure research validity. Learning how to design robust studies and employ appropriate data analysis techniques.
- To make the research memorable and the techniques to present research findings in a compelling and memorable way. Using data visualization tools to enhance the communication of complex data.

- Familiarizing with the standards and expectations of peer-reviewed journal. Learning how to structure and present research to meet the criteria of academic journals. Insights into how to navigate the peer review process effectively which ensures memorable publications
- Strategic planning for impactful research encouraging collaboration with other researchers and institutions. Learning how to assess the impact of your research over time.

## OUTCOMES

### 1. Enhanced Data Literacy

- **Improved Understanding of Data Types and Sources:** Participants will gain knowledge about various types of data (qualitative, quantitative, big data, etc.) and their respective sources.
- **Proficiency in Data Management:** Enhanced skills in data collection, cleaning, and preparation, ensuring data integrity and reliability.

### 2. Better Research Design and Methodology

- **Stronger Research Designs:** Ability to design robust research studies with clear, testable hypotheses and appropriate methodologies.
- **Effective Data Analysis:** Proficiency in selecting and applying suitable data analysis techniques to derive meaningful insights.

### 3. Increased Research Visibility and Impact

- **Effective Communication:** Improved ability to present research findings in a clear, compelling, and memorable manner.
- **Enhanced Data Visualization:** Skills in using visual aids to effectively communicate complex data to a broader audience.

### 4. Improved Publication Success

- **Knowledge of Publication Standards:** Understanding the requirements and expectations of academic journals and other publication platforms.
- **Effective Manuscript Preparation:** Skills to write and format research papers in a way that meets publication criteria and attracts positive peer reviews.

### 5. Broadened Ethical Awareness

- **Ethical Data Use and Management:** Understanding ethical considerations in data collection, use, and sharing.
- **Commitment to Transparency and Reproducibility:** Knowledge of practices that promote research transparency and the ability to reproduce results.

### 6. Practical Skills and Tool Proficiency

- **Use of Data Tools:** Familiarity with various data analysis and visualization tools and software.

- **Research Management Skills:** Enhanced ability to manage research projects, including data organization and project documentation.

## 7. Enhanced Ability to Reach and Engage Audiences

- **Audience Identification:** Skills to identify and target relevant audiences for research dissemination.
- **Outreach and Engagement:** Strategies to effectively communicate research findings to both academic and non-academic audiences.

## 8. Increased Networking and Collaboration Opportunities

- **Building Research Networks:** Ability to connect with other researchers, institutions, and data communities for potential collaborations.
- **Participation in Open Science:** Engagement with open data and open science initiatives to enhance research impact.

## 9. Strategic Research Planning

- **Long-term Impact Focus:** Skills to plan and execute research with a focus on long-term societal impact.
- **Impact Monitoring:** Knowledge of methods to monitor and evaluate the impact of research over time.

## 10. Greater Awareness of the Data Landscape

- **Data Source Identification:** Improved ability to locate and utilize various data sources relevant to research topics.
- **Big Data Utilization:** Understanding how to leverage big data and advanced analytics to enhance research findings.

## 11. Skill Development for Future Research

- **Research Continuity:** Enhanced skills to ensure that future research projects are built on solid data foundations.
- **Adaptability to New Data Challenges:** Preparedness to tackle new data-related challenges in evolving research environments.

## 12. Practical Takeaways and Actionable Insights

- **Hands-on Experience:** Opportunities to apply learned concepts through practical exercises and real-world scenarios.
- **Actionable Insights:** Concrete steps and strategies that participants can immediately implement in their own research practices.

## DESCRIPTION

The purpose of this report is to provide descriptive learnings being undertaken in the following session. This session basically focused to equip participants with the knowledge and skills to enhance the quality, visibility, and impact of their research.

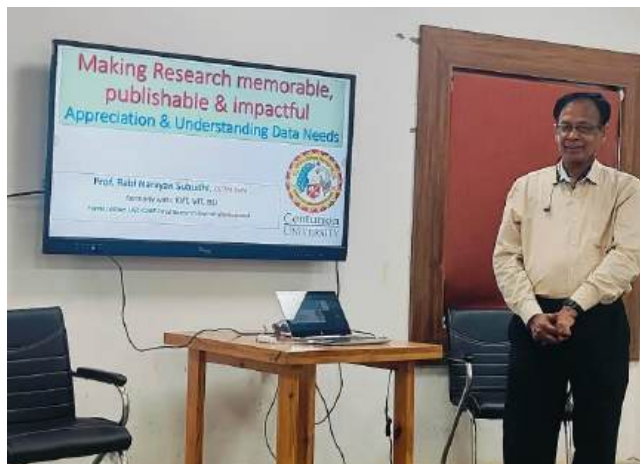


The report serves as a comprehensive record of the key takeaways and practical strategies discussed, ensuring that the valuable information shared is preserved for future reference. This documentation acts as a critical resource for participants, allowing them to revisit and apply the concepts in their own research endeavours, thereby reinforcing the session's t accessible.

Furthermore, the it emphasizes the importance of ethical and responsible research practices. By highlighting ethical considerations in data collection, management, and sharing, it encourages researchers to adhere to high standards of integrity and transparency. This aspect of the report is crucial in fostering a research environment that values ethical responsibility and accountability. It provides actionable recommendations and practical steps that researchers can take to enhance the memorability, publishability, and impact of their work. These guidelines are intended to help researchers effectively manage and utilize data, design robust studies, and communicate their findings to a wider audience. Overall, the report aims to empower researchers to produce high-quality, impactful research by providing them with the necessary tools and knowledge to navigate the complexities of data needs and research dissemination.

## CONCLUSION

Appreciation and Understanding Data Needs serves to document key insights and strategies for effective data management, ethical practices, and impactful research communication. It aims to provide researchers with actionable recommendations to enhance the quality, visibility, and societal impact of their work. By highlighting best practices in data collection, analysis, and reporting, the report ensures that research findings are robust, ethically sound, and widely disseminated, ultimately contributing to a more informed and engaged academic community.





## Workshop Report: Marketing of Financial Services

Resource Person: Mr. Orayas Mishra

Date: 13<sup>th</sup> February 2023

Venue: Koutilaya Building

Organizer: School of Management

Participants: Students of MBA 4<sup>th</sup> Semester

### Objective:

The primary objective of the workshop on marketing of financial services was to provide insights and strategies to professionals in the financial sector on effectively promoting their services in a competitive market landscape. The workshop aimed to enhance participants' understanding of marketing principles tailored to the financial services industry.

### Key Highlights:

**Industry Trends and Challenges Analysis:** The workshop commenced with an overview of current trends and challenges in the financial services sector. Participants gained insights into evolving consumer preferences, regulatory changes, technological advancements, and competitive dynamics shaping the industry.

**Understanding Customer Behavior:** A significant focus was placed on understanding customer behavior and preferences in financial decision-making. Through case studies and interactive sessions, participants delved into the psychological factors influencing consumer choices and explored ways to align marketing strategies with customer needs.

**Digital Marketing Strategies:** Given the increasing importance of digital channels in reaching and engaging customers, the workshop featured sessions dedicated to digital marketing strategies specific to financial services. Topics included search engine optimization (SEO), content marketing, social media advertising, and email marketing tailored to comply with industry regulations.

**Building Trust and Credibility:** Establishing trust and credibility is paramount in financial services marketing. Participants learned strategies to effectively communicate the value proposition of their services, leverage client testimonials, and adhere to ethical standards to foster long-term relationships with clients.

**Compliance and Regulatory Considerations:** Compliance with regulatory requirements is crucial in financial services marketing to mitigate risks and maintain trust. Expert speakers provided guidance on navigating regulatory frameworks, ensuring transparency in marketing communications, and staying updated with industry regulations.

**Innovative Marketing Approaches:** The workshop showcased innovative marketing approaches adopted by leading financial firms to differentiate themselves in the market. Participants explored techniques such as personalized marketing, gamification, and storytelling to create memorable brand experiences and attract and retain customers.

**Networking Opportunities:** Beyond the structured sessions, the workshop provided ample networking opportunities for participants to connect with industry peers, share insights, and foster collaborations. Networking sessions facilitated knowledge exchange and allowed participants to expand their professional network.

#### Outcome

The workshop on marketing of financial services provided a comprehensive platform for professionals to enhance their marketing skills and strategies in the dynamic financial services landscape. Participants gained valuable insights into industry trends, consumer behavior, digital marketing tactics, and regulatory compliance, empowering them to develop effective marketing campaigns and drive business growth. The interactive nature of the workshop fostered engagement and facilitated meaningful discussions, contributing to a rich learning experience for all attendees.





# List of Participant

## MBA, Semester\_IV

Sr.	Student	Roll No	Signature of Students
1	AMIT KUMAR MALLA	220402100001	Amit kumar malla
2	AMISHA KAR	220402100002	Amisha Kar
3	DEBASIS SAHOO	220402100003	Debasish Sahoo
4	ABHISEK BARIK	220402100004	Abhisek Barik
5	ROHAN SAHOO	220402100005	Rohan Sahoo
6	PIYUSH MAHAKUD	220402100006	Piyush mahakud.
7	BIBEK MOHAPATRA	220402100007	
8	RAJESH KUMAR DAS	220402100008	
9	PANIGRAHI	220402100009	Sandeep Narayan Panigrahi
10	BIKASH DASH	220402100010	
11	DIPTIRANJAN NAYAK	220402100011	Diptirajan Nayak
12	ASUTOSH SWAIN	220402100012	Asutosh swain
13	SMARAK KUMAR BEHERA	220402100013	Smarak Ku. behera
14	SHIKSHA KUMARI	220402100014	Shiksha Kumari
15	MONALISHA PRADHAN	220402100015	
16	DEBASHIS MAHAPATRA	220402100016	
17	SAURAVA KUMAR DATTA	220402100017	Saurava Ku Datta
18	SONALIKA SAHOO	220402100018	Sonalika Sahoo
19	SWAIN	220402100019	
20	PRUTHWIRAJ SAHU	220402100020	
21	ANKITA PATTANAIK	220402100021	Ankita Pattanaik
22	G PALLAVI PRIYADARSHINI	220402100022	
23	ADITYA MOHAN ACAHARYA	220402100023	Aditya Mohan Acharya
24	SUSHANTA KUMAR ROUT	220402100024	Sushanta Ku Rout
25	AMAN KUMAR DHURIA	220402100025	Aman Kumar Dhuria
26	KISHOR ROUT	220402100026	Kishor Rout
27	PRAKASH SAHOO	220402100027	Prakash Sahoo
28	ITISHREE SAHOO	220402100028	
29	AYUSHEE MOHANTY	220402100029	
30	PRIYANKA ACHARYA	220402100030	

31	ROHAN SAHOO	220402100031	Rohan Sahoo
32	RAMESH DAS	220402100032	
33	SUJAN SARKAR	220402100033	
34	SHIBAJIT DAS	220402100034	
35	SUBHASHREE SAHOO	220402100035	
36	ANKITA BEHERA	220402100036	Ankita Behera
37	ARADHYA MUNDRA	220402100037	
38	PRIYABRATA MOHANTA	220402100038	Priyabrat
39	SIMHADRI BHAVANA	220402100039	Simhadri
40	AYUSMAN PANIGRAHY	220402100040	
41	RAGHUNATH SENAPATI	220402100041	Raghunath Senapati
42	MOUSUMI DAS	220402100042	
43	ABHISEKH SETHY	220402100043	Abhisekh Sethy
44	SUBODH KUMAR MEHER	220402100044	
45	TAPAS KUMAR NAYAK	220402100045	Tapas K. Nayak
46	THYADI TARUN	220402100046	T. Tarun
47	BISWABHUSAN PATTANAIK	220402100047	
48	RAVI PAREEK	220402100048	
49	MOHAN DORA	220402100049	
50	MOHAN DORA	220402100050	Mohan Dora

Faculty Coordinator

Pratjoshi

Pramod Kumar Patjoshi



## REPORT

- ✓ **TOPIC:** Navigating the Management trainee Program at Banks & Financial Institution
- ✓ **DATE:** 19.08.2023
- ✓ **RESOURCE PERSON:** Subhendu Roy

### **About to Resource Person:**

He is an Independent advisor in Finance and Strategy Advisory work covers areas in investment banking, M&A advisory, restructuring and turnaround management, project development, debt syndication, equity/ mezzanine financing, Corporate/ Business Strategy development, Market entry strategy.

These are the following things which were discussed in the workshop;

### 1.Financial Institutions

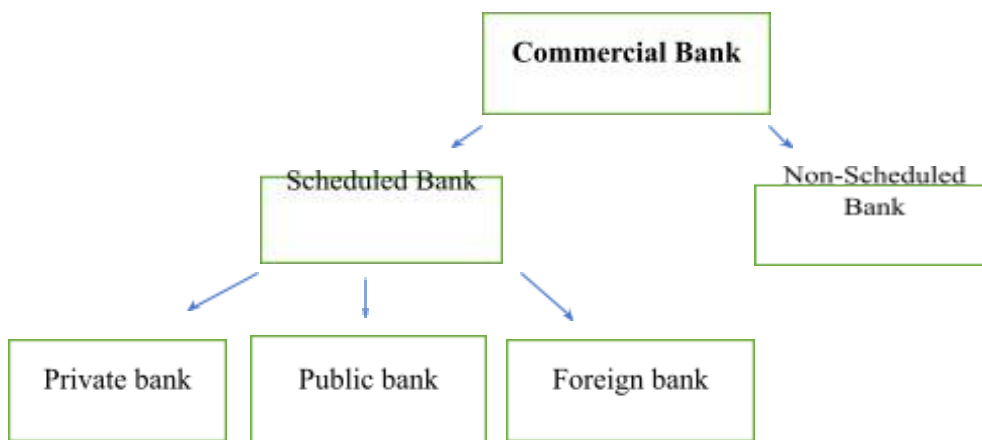
- ☐ **What is Banking?**
- ✓ Banking is the industry that allows people and businesses to deposit, borrow and transfer money. The banking industry has been an important part of the economy ever since humans started using money.
- ☐ **Why We need the Banking Concept in management?**
- ✓ Studying Banking and Finance provides you with the foundation for a broad range of careers across banking, brooking, consulting, funds management, insurance and superannuation. You may work with corporate, in financial markets or with government. It is also a discipline that can take you anywhere in the world.



□ **Banks can be classified into various types. Given below are the bank types in India:-**

- ✓ Central Bank
- ✓ Cooperative Banks
- ✓ Commercial Banks
- ✓ Regional Rural Banks (RRB)
- ✓ Local Area Banks (LAB)
- ✓ Small Finance Banks
- ✓ Payments Banks

**Types of Commercial Bank:**



□ **Who are the Credit Officers?**

- ✓ Also known as loan officers, credit officers work at financial institutions and assist clients with loan applications. Their duties include screening loan requests, evaluating clients' financial information, assessing risk ratios, and presenting approved or rejected loans to management.



## **2.Management Trainee Program**



## ☐ **What is Management Trainee Program ?**

- ✓ A management training program is an extensive training program designed for self-motivated trainees to explore various departments within a certain company. It aims to prepare young leaders for future management roles by familiarizing them with the ins and outs of an organization.



## ☐ **Most Significant Features of Management Trainee Program**

- ✓ Purpose
- ✓ Structure
- ✓ Duration
- ✓ Skill sets
- ✓ Mentoring
- ✓ Outcome/Filament

## ☐ **Objectives of Management Trainee Program(MTP)**

- ✓ Displaying Our Strengths
- ✓ Improvising Interpersonal Skill
- ✓ Improving Weak Areas
- ✓ Continue Learning
- ✓ Getting the most out of your Mentor
- ✓ Getting the role that you want



#### ☐ **Ways To Enhance Career opportunity in MTP**

- ✓ Start building strong network
- ✓ Communicate effectively (to the point -precisely)
- ✓ Be Self aware and self sufficient

#### ☐ **Prepatory Tasks:**

- ✓ Creating a strong CV & Cover letter
- ✓ Social Media hygiene
- ✓ Practice Group discussions and Interview preparations
- ✓ Practice General Aptitude & gain Industry knowledge



# **A session report on “Publication Ethics”**

## **Resource Person**

Prof. Supriya Pattanayak  
*Vice Chancellor, CUTM, Odisha*  
And

*Smita Mishra Panda, Director Research*

26<sup>th</sup> June 2024, Session-02  
Time: 2:00 PM to 4:00 PM

## **Speaker's Profile**

Prof. Supriya Pattanayak is a Vice Chancellor of Centurion University of Technology and Management, Odisha. She has been instrumental in transforming the landscape of skill-integrated higher education in India. Under her leadership, Centurion University has emerged as a beacon of change, providing sustainable livelihood opportunities and empowering communities through education. She emphasised and gave many talks on ethics-based lectures in and outside the university.

## **OBJECTIVE**

The objectives of this session are

- Recognise various ethical values in Publication.
- Make use of various guidelines available at national and international levels.

## **OUTCOMES**

### **1. Research Process or lifecycle of research:**

Participants received more light on the research process in the following areas.

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| ✓ Problem Identification              | ✓ Communication with stakeholders |
| ✓ Formulate research objectives       | ✓ Formulate recommendations       |
| ✓ Identify suitable methodologies     | ✓ Draw conclusion                 |
| ✓ Prepare data collection instruments | ✓ Analyse data                    |
| ✓ Pre-test                            | ✓ Collect data                    |

## 2. Publishing research findings:

Participants are encouraged to publish their research work for their benefit and society in the following points.

- ✓ Helps in career progression
- ✓ Allow us to communicate our research findings to various stakeholders
- ✓ Identifies research gaps and areas for future research
- ✓ Increases ability to influence practice

## 3. Components of publication ethics:

The participants imbibe the component of publication ethics in detail on the points below.

- ✓ Ethics review/breach of confidentiality
  - ✚ Ethics approval for research with human subjects or animals
  - ✚ Informed consent/Age appropriate assent
  - ✚ Data confidentiality
- ✓ Falsification and Fabrication
  - ✚ If research is not generated by your research (fabrication) or if it is generated by manipulation of data (falsification)
  - ✚ Have to retain data for a relatively long period
- ✓ Authorship
  - ✚ Confers credit, implies responsibility and accountability of the published work
  - ✚ Each author should be clear about their responsibility
  - ✚ It is mandatory to declare the contribution of each author
  - ✚ Decide on the authorship at the outset
- ✓ Plagiarism
  - ✚ Use of previously published manuscript by someone for their manuscript or unreferenced use of others' published or unpublished work without consent, credit or acknowledgement.
  - ✚ Most common is 'copy-paste' – write the concept in your own words
  - ✚ Use software tools – Turnitin and many more
- ✓ Ethics related to submission
  - ✚ Simultaneous submission
  - ✚ Duplicate submission
  - ✚ Self-citation
  - ✚ Predatory journals (UGC CARE)



✓ Conflict of Interest

✚ Financial, personal, social or other interest that directly or indirectly influences the conduct of the author with respect to the manuscript

✚ Disclose the conflict of interest

#### 4. Checklist for publication ethics

The overall or final checklist of publication ethics is discussed here

- ✓ Approval and consent
- ✓ Data accuracy, falsification and fabrication
- ✓ Plagiarism and self-plagiarism

### DESCRIPTION

The session is one of the most important parts of an academic career. The discourse and discussion in this session lighted up thoughts and minds in a deeper sense. This session mainly focused on the ethical issues of publication as an academician.

Prof. Pattanayak discusses the literal meaning of ‘publication ethic’, where publication is disseminating knowledge to the public and ethics is its authentic moral value. It can be concluded as the publication of one’s research work with authenticity. Throughout her lecture, the speaker focuses on the ethics an academician should have while researching until the work is published. She gives many examples of unauthentic publications and works that an academician should avoid.

The present-day witnesses the increase of unethical research work, but an academician must abide by authentic research works, starting from choosing the research topic, problem identification, objectives, methodologies, and framing the work till it is published.

Publishing academic work not only helps exchange knowledge with others but also gives career benefits and shares different world views with others. It collaborates in building more knowledge of the subject.

A researcher should follow proper values while doing research and publication. People involved in the research should be appropriately recognised, and ideas taken must be properly cited to avoid plagiarism. Falsification and fabrication in any way should be avoided because the outcome and result of the hard work might be void. Self-plagiarism is also one of the most important things academicians should avoid.

## CONCLUSION

A researcher must do authentic research and be honest while publishing his/her research work. The author must acknowledge all the help s/he received in publishing their work. S/he should avoid plagiarism; if others' ideas are used, they must be appropriately cited and mentioned from where they are taken. Publication ethics is one of the vital parts of being an academician.

# **Reports on Guest Lecture**

**Guest- Adv. Bhumesh Verma**

**Topic: - Contract Drafting & Negotiation**

**Date: 23.02.2024**

## **Introduction:**

Contract drafting and negotiation are integral components of business transactions, legal agreements, and partnerships. Effective drafting and negotiation are essential for creating clear, concise, and mutually beneficial contracts that protect the interests of all parties involved. This report aims to provide an overview of contract drafting and negotiation, highlighting key principles, strategies, and best practices.

## **Key Components of Contract Drafting:**

### **1. Clarity and Precision:**

Contracts must be drafted with clarity and precision to avoid ambiguity and potential disputes. Clear language, defined terms, and unambiguous clauses are essential for conveying the intentions of the parties accurately.

### **2. Comprehensive Scope:**

Contracts should address all relevant aspects of the agreement, including obligations, responsibilities, deliverables, timelines, payment terms, and dispute resolution mechanisms. A comprehensive scope helps minimize uncertainties and ensures that all parties have a clear understanding of their rights and obligations.

### **3. Risk Allocation:**

Contract drafting involves identifying and allocating risks between the parties. Provisions such as indemnification clauses, limitation of liability, and force majeure clauses define the extent of each party's liability and responsibility in various scenarios.

### **4. Legal Compliance:**

Contracts must comply with applicable laws, regulations, and industry standards. Legal review and compliance checks are crucial to ensure that contracts are enforceable and valid under relevant legal frameworks.

### **5. Flexibility and Adaptability:**

Contracts should be drafted with flexibility to accommodate changes in circumstances or unforeseen events. Provision for amendments, termination clauses, and mechanisms for resolving disputes can help parties adapt to changing business realities.

## **How We Draft a Contract:**

Drafting a contract involves several sequential steps to ensure that the document accurately captures the intentions and agreements of the parties involved. Here's a step-by-step guide on how to draft a contract:

1. **Understanding the Purpose:**

Begin by clearly understanding the purpose and objectives of the contract. Identify the parties involved, the subject matter of the agreement, and the desired outcomes.

2. **Gather Information:**

Collect all relevant information, documents, and background details related to the contract. This may include previous agreements, correspondence, specifications, and any legal or regulatory requirements.

3. **Define the Terms:**

Define key terms and concepts used in the contract to ensure clarity and understanding. Use precise language and provide definitions for terms that may have multiple interpretations.

4. **Outline the Agreement:**

Create an outline or structure for the contract, outlining the main sections and sub-sections. This helps organize the content and ensures that all necessary provisions are included.

5. **Include Necessary Provisions:**

Draft the substantive provisions of the contract, including obligations, responsibilities, rights, and remedies of the parties. Address all relevant aspects of the agreement, such as payment terms, delivery schedules, warranties, and indemnification.

6. **Consider Legal Requirements:**

Ensure that the contract complies with all applicable laws, regulations, and industry standards. Include provisions to address legal requirements, such as regulatory compliance, data protection, and intellectual property rights.

7. **Allocate Risks and Liabilities:**

Address risks and liabilities associated with the contract by including provisions such as limitation of liability, indemnification, and insurance requirements. Clearly define each party's responsibilities and obligations to minimize potential disputes.

8. **Include Dispute Resolution Mechanisms:**



Specify procedures for resolving disputes between the parties, including negotiation, mediation, arbitration, or litigation. Define the steps, timelines, and requirements for each dispute resolution mechanism.

## **Negotiation in a Business-House:**

Negotiation in a business context is a strategic process aimed at reaching mutually acceptable agreements between parties involved in a transaction, partnership, or deal. Here's a guide on how to negotiate effectively in a business setting:

### **1. Preparation:**

- **Understand Your Goals:** Clarify your objectives, priorities, and desired outcomes for the negotiation.
- **Know Your Limits:** Determine your bottom line and any non-negotiable terms or conditions.
- **Research:** Gather information about the other party, their interests, preferences, and any relevant market or industry trends.
- **Identify Alternatives:** Develop alternative options and strategies in case the negotiation does not result in a satisfactory agreement.

### **2. Build Rapport:**

- **Establish a Positive Relationship:** Create a friendly and professional atmosphere by building rapport with the other party.
- **Listen Actively:** Practice active listening to understand the other party's concerns, interests, and objectives.
- **Show Respect:** Demonstrate respect for the other party's perspectives, opinions, and preferences.

### **3. Clarify Interests:**

- **Explore Interests:** Identify underlying interests, needs, and priorities driving the other party's position.
- **Share Your Interests:** Clearly articulate your own interests, goals, and concerns to ensure mutual understanding.

### **4. Create Value:**

- **Seek Win-Win Outcomes:** Focus on creating value and finding solutions that satisfy the interests of both parties.

- Generate Options: Brainstorm creative solutions and alternative proposals that address the needs and interests of both sides.
- Trade-offs: Be willing to make concessions and trade-offs to achieve a mutually beneficial outcome.

5. **Communicate Effectively:**

- Be Clear and Concise: Use clear, straightforward language to convey your message and avoid misunderstandings.
- Ask Questions: Seek clarification and ask open-ended questions to encourage dialogue and gather information.
- Manage Emotions: Keep emotions in check and remain calm, composed, and professional throughout the negotiation process.

6. **Negotiate Strategically:**

- Anchor Effectively: Set the tone of the negotiation by presenting an initial offer or proposal that is reasonable but favorable to your position.
- Make Counteroffers: Respond to the other party's proposals with counteroffers that balance your interests and objectives.
- Use Time Wisely: Manage the pace and timing of the negotiation to maintain momentum and prevent deadlock.

7. **Focus on Solutions:**

- Problem-Solve: Approach obstacles and disagreements as opportunities to collaborate and find creative solutions.
- Avoid Positional Bargaining: Shift focus from positional bargaining to interest-based negotiation, where parties work together to address underlying needs and interests.

8. **Document and Formalize Agreements:**

- Document Agreement: Once consensus is reached, document the terms and conditions of the agreement in writing.
- Review and Finalize: Review the agreement with all parties involved to ensure accuracy, clarity, and completeness.



**Registration No, of All Under Graduate Students**

<b><u>Name</u></b>		<b><u>Registration No</u></b>
Snehashree Parida	-	234609150008
Saismruti Kiran	-	234609150002
Swati Sagarika Das	-	234610170004
Shreya shree Dash	-	234609150007
Smrutiparna Pradhan	-	234610170006
Sriteek Choudhary	-	234609150005
Jeetamitra Singhdeo	-	234610170002
Anish Tandi	-	234609150006
Swayam Prakash Sahoo	-	234609150003
Md Saddam Hussain	-	234610170003
Biswa Smruti Divya Prakash Patra	-	234610150001
Dipasha Sethi	-	234610170005
Shrutipriya Dash	-	234610170007

**Registration No, of All LLM Students**

<b><u>Name</u></b>		<b><u>Registration No</u></b>
Lalita Manjari Patanaik	-	234611130005
Ashmita Patanaik	-	234611130001
Mirza M. Baig	-	234611130003
Pritiman Patro	-	234611130002

Ananda Chandra Swain	-	234611130004
Dr. Susanta Kumar Mishra	-	234611130006



**A Report on the FDP Topic**  
**Research Dynamics**  
**29th June 2024**  
**Session -2**  
**Time' -2.30pm to 3.30 pm**

**Resource person** -Dr. Govind Rajan Srinivasa

**Profile** -Director, vertical limit education. Former professor IIM, Kolkata, XIMB, Bhubaneswar. Now acting as Advisor to Centurion University, Bhubaneswar

**Objective** - To create awareness of research dynamics among faculty members and university students.

**Outcomes -**

1. Developing the attitude for Research

As everyone knows, without a positive attitude, Research can't be done. We must be inquisitive and interested in knowing the hidden truth. This type of spirit is to be developed.

2. Exploring the possibilities by solving the existing problems

All the problems are to be solved. We must find out the possibilities of the research area as well as the limitations.

3. Benefits of self as well as institution

We can develop ourselves as well as develop the institute where we are working. If we make any new research on any particular area, we can develop ourselves. It's a win-win situation.

4. Awareness For all the stakeholders for placement and admission

All the stakeholders of the university, like students, teachers, staff members and management, should try for the placement. It will enhance admission and research. If students get placed well, then students will be in large numbers for admission. We must unitedly work together to achieve the target.

**Conclusion** - At the end of the session, participants get inspired and motivated. They will go for innovation and research in different fields. They would work together to make it possible. All the stakeholders will now work hard to look after the placement of students and thereby increasing admission to the university.



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*





**INSTITUTION'S  
INNOVATION  
COUNCIL**


**(Ministry of Education Initiative)**

**“A report of seminar on CEO Talks- My Entrepreneurial Journey”**

Name of the event	CEO Talks- My Entrepreneurial Journey
Date of the event	22/01/2024
Name of coordinator	Dr. Chinmaya Kumar Dash
No. of attendees	150
Mode	Offline




# CEO Talks






**My Entrepreneurial Journey**

**An Insight Out session with**



**Mr C K Kumaravel,**  
Co-Founder & CEO  
Naturals, India's largest salon chain

 **22<sup>nd</sup> Jan 2024**  
 **11.00 am**  
 **School of Management, Centurion University**

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

### **1. Introduction**

The concept was based the fact that one man can make a difference. Underscores the idea that individual actions, efforts, and decisions can have a significant impact on the world. This concept suggests that even in the face of daunting challenges or widespread issues, an individual has the potential to bring about positive change.

In the further stage the concept of Conscious and sub-conscious mind was highlighted. The concepts of the conscious and subconscious mind are fundamental to understanding how our minds process information, make decisions, and shape our behaviors. These terms are often associated with theories in psychology, particularly within the framework of psychoanalytic and cognitive theories.

### **2. Key Note**

He quoted two of the quotes stated by APJ Abdul Kalam which are:

- 1 – “Dream, Dream, Dream. Dreams transform into thoughts and thoughts result in action.”
- 2- “Failure will never overtake me if my definition of success is strong enough”
- 3- “Dream is not that which you see while sleeping it is something that does not let you sleep.”

### **3. Interaction**

The design of interaction is for the purpose of learning requires activities that allows learners to actively practise doing what knowledgeable. The interaction in this session was done by a Question answer round in which the questions asked are as follows:

- How to secure funds to start business?
- How to keep yourself away from all the negativity coming in the ways in the entrepreneurship process?

- How to describe small dreams?
- How to maintain the business in the competitive world ?
- How to adapt new ideas while maintaining the old business?
- Should we remain consistent in one dream or should we have alternatives for it?

#### **4. Learning Outcomes**

##### **1- Dream big dreams:** The size of one's dream should be large.

**Unleashing Creativity:** Dreaming big encourages creativity and imagination. When individuals allow their minds to wander into the realm of possibilities, they often come up with innovative ideas and solutions. It's about breaking free from conventional thinking and exploring the limitless potential of one's imagination.

**Setting Ambitious Goals:** Dreaming big involves setting goals that may initially seem unattainable. This can be both exciting and challenging. Ambitious goals push individuals to strive for excellence, fostering personal and professional growth. The process of working towards these goals can be just as rewarding as achieving them.

**Overcoming Challenges:** Big dreams often come with significant challenges. Pursuing these dreams requires resilience and determination. Overcoming obstacles becomes an integral part of the journey, teaching valuable lessons about perseverance and adaptability.

**Expanding Horizons:** Dreaming big encourages individuals to think beyond their immediate surroundings and circumstances. It promotes a broader perspective, helping people see opportunities and possibilities that they might have otherwise overlooked. This expanded outlook can lead to personal development and a greater understanding of the world.

**Inspiring Others:** Bold dreams have the power to inspire not only the dreamer but also those around them. By pursuing ambitious goals, individuals can become role models, showing others that it's possible to reach for the stars and achieve extraordinary things. This ripple effect can contribute to a culture of innovation and aspiration.

**Fulfillment and Satisfaction:** Achieving big dreams often brings a deep sense of fulfillment and satisfaction. The journey may be challenging, but the rewards can be immense. The satisfaction comes not just from reaching the destination but from the personal growth and development experienced along the way.

**Leaving a Legacy:** Dreaming big allows individuals to leave a lasting impact. Whether through groundbreaking innovations, meaningful contributions to society, or personal achievements, those who dream big have the potential to leave a positive legacy that can inspire future generations.



## 2- Start Small and keep moving:

"Start small and keep moving" encapsulates a philosophy of gradual progress and continuous momentum. This approach emphasizes the importance of taking initial steps, no matter how modest, and then consistently building upon those efforts. Here's an elaboration on the concept:

**Mitigating Overwhelm:** Starting small is a practical way to mitigate the feeling of overwhelm that often accompanies large or complex tasks. Breaking down a significant goal into smaller, more manageable steps makes the overall journey seem less daunting, allowing individuals to focus on immediate, achievable objectives.

**Building Confidence:** Small successes contribute to the building of confidence. Achieving smaller milestones provides a sense of accomplishment, reinforcing the belief that progress is possible. This growing confidence becomes a valuable asset, motivating individuals to tackle increasingly challenging tasks.

**Establishing Habits:** Starting small encourages the development of positive habits. Consistently engaging in small, manageable actions helps form routines that can be gradually expanded over time. Habits play a crucial role in sustaining long-term efforts and contribute to overall productivity.

**Learning and Iterating:** The process of starting small allows for continuous learning and improvement. Initial attempts may reveal insights and lessons that inform subsequent actions. This iterative approach enables individuals to adapt, refine strategies, and make informed decisions as they progress.

**Maintaining Consistency:** Consistency is key in any journey towards a goal. By starting with manageable steps, individuals can establish a rhythm of regular effort. This steady momentum, even if slow at first, is more sustainable over the long term than sporadic bursts of intense activity.

**Adapting to Challenges:** Starting small facilitates adaptability. Challenges and obstacles are inevitable, but by taking small steps, individuals can more easily adjust their approach when faced with setbacks. This adaptability is essential for overcoming difficulties and staying on course.

**Celebrating Progress:** Acknowledging and celebrating small victories along the way is crucial for maintaining motivation. Recognizing achievements, no matter how minor, provides positive reinforcement and encourages a positive mindset, fostering a sense of accomplishment and pride.

**Scaling Gradually:** As progress is made, individuals can gradually scale their efforts. What started as small steps can evolve into more substantial actions and accomplishments. This incremental scaling allows for sustainable growth without the risk of burnout.

**Building a Foundation:** Starting small serves as the foundation for larger endeavors. Each small step contributes to the overall structure of achievement. It's akin to laying bricks for a solid foundation before constructing a towering structure.

**Perseverance and Resilience:** The philosophy of starting small and keep moving embodies perseverance and resilience. It acknowledges that progress may be slow, but by consistently moving forward, individuals can weather challenges and setbacks with determination.

## **5. Conclusion**

Hence, I can conclude with the note that we have understood from the interaction that:

- 1- Real world life is different from the college life.
- 2- One has to be teachable and should learn from real life.
- 3- We should be ready to make our hands dirty.
- 4- In the beginning what you learn is more important than what you earn.
- 5- Work for a good boss; we should look for a boss who allows you to make mistakes.

# Centurion University of Technology and Management

School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6

Topic: CEO Talks, "My Entrepreneurial Journey",

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BBA, Semester\_VI

Sr.	Student	Roll No	Signature of Students
1	ANISHA LENKA	210409120001	
2	SANJEEBANI SWAIN	210409120002	
3	ABHISHEK MOHANTY	210409120003	
4	JYOTIRANJAN NAIK	210409120004	
5	SOUMYA MAHAKUDA	210409120005	Shaili Sharma
6	SHAILI SHARMA	210409120006	
7	NAMRATA SAHU	210409120007	Namrata Sahoo
8	P MAMTA KUMARI	210409120008	
9	NIKHIL RAJWADE	210409120009	Nikhil Rajwade
10	ARUNDHUTI HALDAR	210409120010	Arundhuti Haldar
11	NILESH KUMAR MAHATO	210409120011	Nilesh K. Mahato
12	DIVYA PURTY	210409120012	Divya Purty
13	FIROJ KUMAR KUNWAR	210409120013	Firoj Kumar
14	PRATIKSHYA ROUT	210409120014	Pratikshya Rout
15	SHUBHAM ADHIKARY	210409120015	
16	ITISMITA BARIK	210409120016	Itismita Barik
17	SAMBITOSH SAHU	210409120017	Sambitosh Sahu
18	AYUSMAN SAI TRIPATHY	210409120018	
19	ADITYA RAJ SAHU	210409120019	Aditya Sahu
20	AVINASH DUBEY	210409120020	Avinash Dubey
21	SAGAR BEHERA	210409120022	Sagar Behera
22	SIBAM ARYAN BEHERA	210409120023	Sibam Behera
23	ROHINI TIRKEY	210409120024	Rohini Tirkey
24	ISHITA VERMA	210409120025	Ishta
25	JASWINDER KAUR	210409120026	Jaswinder Kaur
26	KHUSHI CHAKRABORTY	210409120027	
27	MAHI AGARWAL	210409120028	MAHI AGARWAL
28	MRINMOY PAUL	210409120029	
29	NOSHEEN PARVEEN	210409120030	Nosheen Parveen
30	SATYAM KUMAR SINGH	210409120031	
31	AAVYA	210409120033	
32	PRITESH KUMAR	210409120034	
33	SOUMYA RANJAN JENA	210409120035	
34	CHAITRADEV JENA	210409120036	Tanmay Sahoo
35	TANMAY SAHOO	210409120037	
36	ANISH KUMAR AGARWALLA	210409120038	
37	MOUSUMI PARIDA	210409120039	
38	ADYASHA NANDA	210409120040	
39	MOUSUMI MANSWANI PATRA	210409120041	Mousumi Manswani
40	SUBHAM PRASAD	210409120042	Angel Hara
41	ANGEL HORA		

42	PRATYUSH KUMAR PATHY	210409120043	Shreuti
43	SHRUTI SINGH	210409120044	Sham Singh
44	SHANU SINGH	210409120045	<del>Shreuti</del> Saha Saha Nara
45	SOHAN SHANKAR NAYAK	210409120047	Sangam Saha
46	SANGRAM SAHOO	210409120050	
47	ADYASHA MOHANTY	210409120051	-Ayush - Ayush
48	AYUSH AGRAWAL	210409120052	Rishabh Mohan Patra
49	BIBHUTI BHUSHAN PATRA	210409120053	Chaitanya Mohan Patra
50	SHAIK SHEZAD ALI QUADRI	210409120055	Shreya Purohit Patra
51	AYUSH PRASAD PADHI	210409120056	
52	DINESH KUMAR	210409120057	Kunjesh Koushal
53	KUNJESH KAUSHAL	210409120058	
54	SUMEET SOURAV PRADHAN	210409120059	
55	RAJVARDHAN PRATAP SINGH	210409120060	
56	YASHVARDHAN PRATAP SINGH	210409120061	Debaraj Pando
57	DEBADATTA PANDA	210409120062	
58	LOPAMUDRA MOHANTY	210409120063	Meera K. Saha
59	ALEKHA KUMAR SAHOO	210409120064	S. K. Mohan A. L.
60	S. K. HABIBUR ALI	210409120065	Uday Peter
61	GLORY PETER	210409120066	Sunay K. Saha
62	SURAJ KUMAR SAHU	210409120067	Ankit Kumar Gupta
63	AMIT KUMAR GUPTA	210409120068	Monalisa Oram
64	MONALISHA ORAM	210409120069	Amrit S. Dey
65	AMRUT SPANDAN PUJARI	210409120070	
66	PAULOMI SENGUPTA	210409120071	
67	ARPITA DAS	210409120072	Auspita Das
68	AMAN KUMAR SAH	210409120073	
69	SEWAKJEET SINGH	210409120074	Sewakjeet
70	ASHUTOSH SWAIN	210409120075	
71	BISWAJEET SAMANTARAY	210409120076	Biswajeet Samantaray
72	UTKAL KUMAR SANDH	210409120078	Utkal K. Sandha
73	RAJ PRASAD DUTTA	210409120079	Raj Prasad
74	RAHUL KUMAR SAHANI	210409120080	Rahul Kumar Saha
75	VIKASH NAYAK	210409120081	
76	CHIRAG SINGH BASNET	210409120082	
77	DEEPAK KUMAR	210409120083	
78	MUSKAN SINGH	210409120085	Muskan
79	REENA SOREN	210409120086	Reena Soren
80	SOURAV PATRA	210409120087	
81	PAPPU KUMAR MEHTA	210409120092	Pappu Kumar Mehta
82	RUCHI SHARMA	210409120094	
83	SHEETAL MOHANTY	210409120095	
84	ROHIT KUMAR SHARMA	210409120096	Rohit Kumar Sharma
85	ABINASH CHETIA	210409120097	Abinash Chetia
86	SATTWIK BHAKAT	210409120098	
87	PRABHUDATTA MALLIK	210409120100	Prabhu Datta Mallik
88	SUBHAJIT PAIRA	210409120101	Subhjit Paira



**Centurion University of Technology and Management**

School of Management

Attendance Sheet for Seminar on Dt: 22.01.2024, Hall No: 6

Topic: CEO Talks, "My Entrepreneurial Journey".

Resource Person: Mr. C.K. Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BMS, Semester IV

Sr.	Student	Roll No	Signature of Students
1	SASWAT RANJAN GADATYA	220422100001	Saswat Ranjan Gadatya
2	SHRUTI SAHOO	220422100002	
3	TAMMUNA PARWIN	220422100003	Tammuna Parween
4	BIBEKANANDA BISWAS	220422100004	Bibek Ananda Biswas

**Centurion University of Technology and Management**  
School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6  
Topic: CEO Talks, "My Entrepreneurial Journey",

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

MBA, Semester IV

Sr.	Student	Roll No	Signature of Students
1	AMIT KUMAR MALLA	220402100001	Amit Kumar Malla
2	AMISHA KAR	220402100002	Amisha Kar
3	DEBASIS SAHOO	220402100003	Debasish Sahoo
4	ABHISEK BARIK	220402100004	Abhisek Barik
5	ROHAN SAHOO	220402100005	Rohan Sahoo
6	PIYUSH MAHAKUD	220402100006	Piyush Mahakud.
7	BIBEK MOHAPATRA	220402100007	
8	RAJESH KUMAR DAS	220402100008	Rajesh Kumar Das
9	PANIGRAHI	220402100009	Panigrahi
10	BIKASH DASH	220402100010	Bikash Dash
11	DIPTIRANJAN NAYAK	220402100011	Diptiranjana Nayak
12	ASUTOSH SWAIN	220402100012	Asutosh Swain
13	SMARAK KUMAR BEHERA	220402100013	Smarak Ku. Behera
14	SHIKSHA KUMARI	220402100014	Shiksha Kumari
15	MONALISHA PRADHAN	220402100015	
16	DEBASIS MAHAPATRA	220402100016	
17	SAURAVA KUMAR DATTA	220402100017	Saurava Ku Datta
18	SONALIKA SAHOO	220402100018	Sonalika Sahoo
19	SWAIN	220402100019	
20	PRUTHWIRAJ SAHU	220402100020	
21	ANKITA PATTANAIK	220402100021	Ankita Pattanaik
22	G PALLAVI PRIYADARSHINI	220402100022	
23	ADITYA MOHAN ACHARYA	220402100023	Aditya Mohan Acharya
24	SUSHANTA KUMAR ROUT	220402100024	Sushanta Ku Rout
25	AMAN KUMAR DHURIA	220402100025	Aman Kumar Dhuria
26	KISHOR ROUT	220402100026	Kishor Rout
27	PRAKASH SAHOO	220402100027	Prakash Sahoo
28	ITISHREE SAHOO	220402100028	
29	AYUSHEE MOHANTY	220402100029	
30	PRIYANKA ACHARYA	220402100030	

31	ROHAN SAHOO	220402100031	Lohan Sahoo
32	RAMESH DAS	220402100032	
33	SUJAN SARKAR	220402100033	
34	SHIBAJIT DAS	220402100034	
35	SUBHASHREE SAHOO	220402100035	
36	ANKITA BEHERA	220402100036	Ankita Behera
37	ARADHYA MUNDRA	220402100037	
38	PRIVABRATA MOHANTA	220402100038	Priyabrata Mohanta
39	SIMHADRI BHAVANA	220402100039	Simhadri Bhavana
40	AYUSMAN PANIGRAHY	220402100040	
41	RAGHUNATH SENAPATI	220402100041	Raghunath Senapati
42	MOUSUMI DAS	220402100042	
43	ABHISEKH SETHY	220402100043	Abhisekh Sethi
44	SUBODH KUMAR MEHER	220402100044	
45	TAPAS KUMAR NAYAK	220402100045	Tapas K. Nayak
46	THYADI TARUN	220402100046	T. Tarun
47	BISWABHUSAN PATTANAIK	220402100047	
48	RAVI PAREEK	220402100048	
49	MOHAN DORA	220402100049	
50	JAGANNATH BARIK	220402100050	Jagannath Barik
51	ABHIJIT DAS	220402100051	Abhishek Das
52	SOUMYARANJAN PRADHAN	220402100052	
53	PATHRLAPALLI MOHAN	220402100053	Path
54	PRIYANKA PATI	220402100054	
55	BIKI MOHANTA	220402100055	Biki Mohanta
56	ANJALI KUMARI	220402100056	
57	SURAJ KUMAR PRASAD	220402100057	

# Centurion University of Technology and Management

School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BCOM, Semester IV

Sr.	Student	Roll No	Signature of Students
1	SRIJEET HARICHANDAN	220415140001	Srijeet Harichandan
2	ANUSHKA SINHA	220415140002	Anushka Sinha
3	SATYAJIT BHATTACHARJEE	220415140003	Satyajit Bhattacharjee
4	RAHUL SAHA	220415140004	Rahul Saha
5	VIRAJ TIRIYA	220415140005	Viraj Tiriya
6	INDRAKHEE KARMAKAR	220415140006	Indrakhee Karmakar
7	MUSKAN JAIN	220415140007	Muskan Jain
8	POKHRAJ DARSANA	220415140008	Pokhraj Darsana
9	B. SOMEYA	220415140009	B. Someya
10	KRUTIBASH TRIPATHY	220415140010	Krutibash Tripathy
11	HITESH KUMAR MAHAPATRA	220415140011	Hitesh Kumar Mahapatra
12	SNEHA NAIK	220415140012	Sneha Naik
13	ADITYA PRASAD SAHOO	220415140013	Aditya Prasad Sahoo
14	INDRANI SAHOO	220415140014	Indrani Sahoo
15	SOUMYA RANJAN KUNDU	220415140015	Soumya Ranjan Kundu
16	SUMAN KUMAR PATRA	220415140016	Suman Kumar Patra
17	BARSHARANI SAMAL	220415140017	Barsharani Samal
18	AYUSH KUMAR BARIK	220415140018	Ayush Kumar Barik
19	AYUSH PAIKRAY	220415140019	Ayush Paikray
20	AJAY KUMAR	220415140020	Ajay Kumar
21	DADDA RAVIKIRAN	220415140021	Dadda Ravikiran
22	GOURI SHANKAR PADHY	220415140022	Gouri Shankar Padhy
23	PRITI BAGH	220415140023	Priti Bagh
24	GELLA ANRUTHA	220415140024	Gella Anrutha



**Centurion University of Technology and Management**  
School of Management

Attendance Sheet for Seminar on Dt. 22.01.2024, Hall No. 6  
Topic: CEO Talks, "My Entrepreneurial Journey".

Resource Person: Mr. C K Kumaravel, CO Founder and CEO, Naturals, India's Largest Salon Chain

BBA, Semester IV

Sr.	Student	Roll No	Signature of Students
1	TELISHA JENA	220409120081	Telisha Jena
2	DIBYANSHU MAHAPATRA	220409120082	
3	AYAZ KHAN	220409120083	
4	NAYEEM KHAN	220409120084	
5	DEEPAK SHARMA	220409120085	
6	DHARMENDRA SAHU	220409120001	Dharmendra Sahu
7	ABHIJEET PARIDA	220409120002	Abhijeet Parida
8	SUNIL KUMAR MURMU	220409120003	
9	MANISH KUMAR	220409120004	Manish Kumar
10	SIDDHANT PANDA	220409120005	Siddhant Panda
11	AMRITSAGAR PRIYADARSHI	220409120006	
12	INDRAJIT GHORAI	220409120007	Indrajit Ghorai
13	SUBHASHREE RATH	220409120008	
14	ANKITA DUTTA	220409120009	
15	ANUSHA GHOSH	220409120010	
16	ANISH KUMAR	220409120011	
17	AKASH SINGH	220409120012	
18	AYUSH KUMAR SONTALIA	220409120013	Ayush
19	ANKIT KUMAR SAHOO	220409120014	Ankit Kumar Sahoo
20	ASHISH TAKIRI	220409120015	Ashish Takiri
21	ADITI KAJIN	220409120016	
22	JAGJIT DAS	220409120017	Jagjit Das
23	ANSH SINGH	220409120018	
24	BRAJESH SINGH	220409120019	
25	KHUSHI KUMARI	220409120020	
26	MADHURI KUMARI	220409120021	Madhuri Kumari
27	GAIRIK DUTTA	220409120022	Gairik Dutta
28	RABINA SAHU	220409120023	
29	TANISHA PATI	220409120024	Tanisha Pati
30	MANISH KUMAR	220409120025	Manish Kumar
31	AKASH PATRO	220409120026	Akash Patro
32	SMUTI PATEL	220409120027	
33	CHINMAY SAMANTA	220409120028	
34	GOPINATH PADHAN	220409120029	Gopinath Padhan
35	MOHAMMED SK SAHIALI	220409120030	MD. SK Sahial
36	SHAIKH ANAS ALI	220409120031	
37	SAYED WASIM ANWAR	220409120032	Sayed Wasim Anwar
38	RITIK KUMAR MEHER	220409120033	
39	SAMEER RANJAN SAHOO	220409120034	Sameer Ranjan Sahoo

40	LIPUN PRUSTY	220409120035	Lipun Prusty
41	PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
42	LOKNATH ROUT	220409120037	
43	SOURMYA PRAKASH KHILAR	220409120038	Sourmya Prakash Khilar
44	DEBABRATA BISWAL	220409120039	Debabrata Biswal
45	NANDITA NAIK	220409120040	
46	KAJAL PATRA	220409120041	
47	WIPSITA PATTANAIK	220409120042	
48	SHREYA AGRAWALLA	220409120043	
49	RAINEE KARMAKAR	220409120044	Rainee Karmakar
50	SANTAPTA KUMAR NAIK	220409120045	Santapta Kumar Naik
51	PRIYANKA PRIYADARSINI	220409120046	
52	BISHIKANTA SAMAL	220409120047	Bishikanta Samal
53	SAYONI MUKHERJEE	220409120048	
54	SHREDSI BISWAS	220409120049	Shreksi Biswas
55	SOURMYA RANJAN SAHOO	220409120050	Sourmya Ranjan Sahoo
56	ANJANA KUMARI	220409120051	Anjana Kumari
57	MOHAMMED ROSAN	220409120052	Mohammed Rosan
58	ADARSH KUMAR SWAIN	220409120053	
59	VIBEK TOPPO	220409120054	
60	SHUBHAM SAHU	220409120055	Shubham Sahu
61	DEBAYAN BEHERA	220409120056	Debayan Behera
62	BISHWAJEET PATRA	220409120057	Bishwaajeet Patra
63	ANUSKA PAIKARAY	220409120058	Anuska Paikaray
64	SAMARPREET SINGH REKHRAJ	220409120059	
65	ABHISEKH SATAPATHY	220409120060	
66	KADAMBINI SWAIN	220409120061	Kadambini Swain
67	PIYUSH MISHRA	220409120062	
68	PRIYADARSHINI SWAIN	220409120063	Priyadarshini Swain
69	TISA SONKAR	220409120064	Tisa Sonkar
70	UDAY MOHAN MAJHI	220409120065	
71	ANISHA MAHATO	220409120066	Anisha Mahato
72	RIYA SHAW	220409120067	Riya Shaw
73	ABHISHEK PATTNAIK	220409120068	
74	ANUKUL KRISHNAN	220409120069	
75	ASHUTOSH KUMAR	220409120070	
76	ARYAN ROUT	220409120071	Aryan Rout
77	MIR MUSRAF ALI	220409120072	
78	MAMTA MALICK	220409120073	
79	ANKIT KUMAR JAISWAL	220409120074	Ankit Jaiswal
80	LIPSA PRADHAN	220409120075	Lipsa Pradhan
81	DIVYAJYOTI SHAW	220409120076	Divyajyoti Shaw
82	KRITI RANJAN BEHERA	220409120077	
83	NIROJ KUMAR SETHI	220409120078	
84	MOMITA NAMATA	220409120079	
85	SOMDATTA BISWAS	220409120080	Somdatta Biswas

86 Sumana Behera  
87 Soubhagya Pradhan

220409120086  
220409120087

Sumana Behera  
Soubhagya Pradhan

82 Divyanshu mahapatra 220409120082 Divyanshu mahapatra



















**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**

**(Ministry of Education Initiative)**

**“A report of seminar on CEO Talks- My Entrepreneurial Journey”**

Name of the event	TIME MANAGEMENT AND PERSONAL DEVELOPMENT
Date of the event	17/02/2024
Name of coordinator	Dr. Deepti Mishra
No. of attendees	33
Mode	Offline

**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

**Workshop**

**TIME MANAGEMENT AND  
PERSONAL DEVELOPMENT**

**SAT, 10:30PM  
17 / 02 / 2024**

**#HigherStudies  
#CareerTalks  
#TimeMgmt  
#MBA**

**Venue :**  
Kantilya Building

**Dr. Shams Tejpal**  
Founder and director :  
QUANTIKA Online Classes

## **Contents**

- 1. Introduction**
- 2. Keynote**
- 3. Interaction**
- 4. Learning Outcomes**
- 5. Conclusion**

### **1. Introduction**

The essence of effective time management and personal development cannot be overstated in today's fast-paced world. As we navigate through various responsibilities, deadlines, and personal aspirations, honing the skills to manage our time efficiently while continually developing ourselves becomes paramount. It is within this context that the seminar on Time Management and Personal Development has been convened, aiming to equip individuals with the necessary tools and insights to optimize their productivity, prioritize tasks effectively, and foster personal growth.

In this report, we will delve into the key highlights of the seminar, encapsulating the essential elements discussed during the event. From the insightful keynote address to the interactive sessions that fostered engagement and learning, we will explore the diverse facets that contributed to making this seminar both enriching and impactful. Moreover, we will examine the valuable lessons gleaned from the seminar, elucidating the learning outcomes that participants gained, and conclude by reflecting on the significance of integrating effective time management strategies with ongoing personal development initiatives.

Through this report, we aim to encapsulate the essence of the seminar, providing a comprehensive overview of its contents and elucidating its relevance in today's dynamic professional and personal landscape.

### **Key Note**

Key themes explored during the keynote address included:

- 1 Principles of Time Management: The keynote speaker elucidated fundamental principles of effective time management, emphasizing the importance of setting clear

goals, prioritizing tasks, and eliminating time-wasting activities. Through real-life examples and anecdotes, attendees gained a deeper understanding of how to leverage their time more efficiently to achieve desired outcomes.

2. **Self-Reflection and Goal Setting:** Central to personal development is the practice of self-reflection and goal setting. The keynote presentation delved into techniques for self-assessment, encouraging participants to identify their strengths, weaknesses, and areas for improvement. Moreover, strategies for setting SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals were discussed, empowering individuals to chart a clear path towards personal and professional success.
3. **Mindfulness and Work-Life Balance:** In today's hyperconnected world, maintaining a healthy work-life balance is essential for overall well-being. The keynote address explored the concept of mindfulness and its role in fostering balance amidst competing demands. Attendees gained insights into mindfulness practices that promote stress reduction, increased focus, and enhanced resilience, thereby enabling them to achieve greater equilibrium in their daily lives.
4. **Continuous Learning and Adaptability:** Embracing a growth mindset is integral to personal development. The keynote speaker underscored the importance of continuous learning and adaptability in navigating change and fostering resilience. By cultivating a willingness to embrace new challenges and acquire new skills, individuals can unlock their full potential and thrive in an ever-evolving landscape.

## **5. Interaction**

Key aspects of the interaction segment included:

1. **Group Discussions:** Attendees were divided into small groups to discuss specific topics related to time management and personal development. These group discussions provided a platform for participants to share their experiences, challenges, and strategies for success. By

exchanging ideas and perspectives, attendees gained valuable insights and alternative approaches to tackling common issues.

2. **Case Studies and Scenarios:** Practical case studies and real-life scenarios were presented to attendees, prompting critical thinking and problem-solving. Participants were tasked with analysing these scenarios, identifying key issues, and brainstorming effective solutions. Through this exercise, attendees were able to apply theoretical concepts to practical situations, enhancing their understanding and decision-making skills.

3. **Role-Playing Exercises:** Role-playing exercises were utilized to simulate various interpersonal interactions and workplace scenarios. Participants assumed different roles and engaged in role-play activities designed to enhance communication skills, conflict resolution, and assertiveness. By stepping into different perspectives, attendees gained a deeper appreciation for effective interpersonal dynamics and gained practical tools for navigating challenging situations.

4. **Question and Answer Sessions:** Throughout the seminar, ample time was allocated for question-and-answer sessions, allowing attendees to seek clarification, share insights, and engage directly with the facilitators. These interactive exchanges facilitated a deeper exploration of key concepts and addressed specific concerns or queries raised by participants.

## **6. Learning Outcomes**

1. **Enhanced Time Management Skills:** Participants gained a deeper understanding of the principles of effective time management, including goal setting, task prioritization, and time allocation. Armed with practical strategies and techniques, attendees acquired the tools necessary to optimize their use of time, minimize procrastination, and achieve greater efficiency in their daily lives.
2. **Improved Self-Awareness and Goal Setting:** Through self-reflection exercises and goal-setting workshops, attendees cultivated greater self-awareness and clarity regarding their personal and professional aspirations. By identifying their strengths, weaknesses, and areas for improvement, participants were able to set SMART goals and develop actionable plans to pursue their objectives with purpose and intentionality.



3. **Stress Reduction and Work-Life Balance:** The seminar highlighted the importance of mindfulness practices in mitigating stress and fostering work-life balance. Participants learned mindfulness techniques for stress reduction, relaxation, and maintaining mental well-being amidst the demands of daily life. By incorporating mindfulness into their routines, attendees gained a renewed sense of equilibrium and resilience, enabling them to navigate challenges with greater ease and composure.
4. **Enhanced Communication and Interpersonal Skills:** Interactive activities and role-playing exercises facilitated the development of essential communication and interpersonal skills. Participants honed their abilities in active listening, assertiveness, and conflict resolution, equipping them with the tools to navigate interpersonal dynamics effectively in both personal and professional settings.
5. **Cultivation of a Growth Mindset:** The seminar fostered a culture of continuous learning and growth, encouraging participants to embrace a growth mindset. Attendees were inspired to adopt a proactive approach to personal development, viewing challenges as opportunities for learning and growth. By cultivating a growth mindset, participants gained the confidence and resilience to adapt to change, pursue new opportunities, and unlock their full potential.

## **6. Conclusion**

The seminar on Time Management and Personal Development served as a catalyst for transformative growth and empowerment, providing attendees with invaluable insights and practical strategies to navigate the complexities of modern life with confidence and purpose. Throughout the seminar, participants engaged in thought-provoking discussions, interactive activities, and self-reflection exercises, culminating in a holistic learning experience that transcended theoretical knowledge to foster real-world application.

As we reflect on the key themes and learning outcomes of the seminar, it becomes evident that effective time management and personal development are intrinsically interconnected, serving as pillars of success in both professional and personal domains. By mastering the art of time management, individuals can optimize their productivity, minimize stress, and achieve greater balance and fulfillment in their lives. Simultaneously, investing in personal development cultivates self-awareness, resilience, and adaptability, enabling individuals to unlock their full potential and thrive amidst uncertainty and change.

Moreover, the seminar underscored the importance of fostering a growth mindset—one characterized by a willingness to embrace challenges, persist in the face of setbacks, and continually strive for improvement. In today's rapidly evolving landscape, the ability to adapt, innovate, and learn has never been more critical. By embracing a growth mindset, participants are poised to harness their innate potential, seize opportunities for growth, and chart a course towards success and fulfillment.

In conclusion, the seminar on Time Management and Personal Development has equipped attendees with the knowledge, skills, and mindset necessary to thrive in an increasingly competitive and dynamic world. As participants embark on their respective journeys, may they apply the insights gleaned from the seminar to cultivate a life of purpose, productivity, and continual growth. By leveraging effective time management strategies, prioritizing personal development initiatives, and embracing a growth mindset, individuals have the power to transform their lives and make meaningful contributions to their communities and beyond.

## School of Management

### Att. Sheet

Workshop on Time Management and Personal Development on 17.02.2024, Venue: LT-7

Resource Person: Md. Shams Tebraj, Founder and Director: Quantika Online Classes

#### BBA\_Semester\_IV

Sr.	Student	Roll No	Signature of Students
1	DHARMENDRA SAHU	220409120001	
2	ABHIJEET PARIDA	220409120002	
3	SUNIL KUMAR MURMU	220409120003	
4	MANISH KUMAR	220409120004	
5	SIDDHANT PANDA	220409120005	Siddhant Panda
6	AMRITSAGAR PRIYADARSHI	220409120006	
7	INDRAJIT GHORAI	220409120007	
8	SUBHASHREE RATH	220409120008	Subhashree Rath
9	ANKITA DUTTA	220409120009	Ankita Dutta
10	ANUSHKA GHOSH	220409120010	
11	ANISH KUMAR	220409120011	
12	AKASH SINGH	220409120012	
13	AYUSH KUMAR SONTALIA	220409120013	
14	ANKIT KUMAR SAHOO	220409120014	
15	ASHISH TAKIRI	220409120015	
16	ADITI KARN	220409120016	
17	JAGJIT DAS	220409120017	
18	ANSH SINGH	220409120018	Ansh Singh
19	BRAJESH SINGH	220409120019	Brajesh Singh
20	KHUSHI KUMARI	220409120020	Khushi Kumari
21	MADHURI KUMARI	220409120021	Madhuri Kumari
22	GAIRIK DUTTA	220409120022	
23	RABINA SAHU	220409120023	Rabina Sahu
24	TANISHA PATI	220409120024	
25	MANISH KUJUR	220409120025	
26	AKASH PATRO	220409120026	Akash Patro
27	SMUTI PATEL	220409120027	Smuti Patel
28	CHINMAY SAMANTA	220409120028	Chinmay Samanta
29	GOPINATH PADHAN	220409120029	Gopinath Padhan
30	MOHAMMED SK SAHIALI	220409120030	
31	SHAIKH ANAS ALLI	220409120031	
32	SAYED WASIM ANWAR	220409120032	
33	RITIK KUMAR MEHER	220409120033	
34	SAMEER RANJAN SAHOO	220409120034	Sameer Ranjan Sahoo
35	LIPUN PRUSTY	220409120035	Lipun Prusty
36	PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
37	LOKNATH ROUT	220409120037	
38	SOUMYA PRAKASH KHILAR	220409120038	
39	DEBABRATA BISWAL	220409120039	Debabrata Biswal

40	LIPUN PRUSTY	220409120035	Lipun Prusty
41	PRASAD KUMAR NAYAK	220409120036	Prasad Kumar Nayak
42	LOKNATH ROUT	220409120037	
43	SOURMYA PRAKASH KHILAR	220409120038	Sourmya Prakash Khilar
44	DEBABRATA BISWAL	220409120039	Debabrata Biswal
45	NANDITA NAIK	220409120040	
46	KAJAL PATRA	220409120041	
47	BIPSITA PATTANAIK	220409120042	
48	SHREYA AGRAWALLA	220409120043	
49	RAINEE KARMAKAR	220409120044	Raineer Karmakar
50	SANTAPTA KUMAR NAIK	220409120045	Santapta Kumar Naik
51	PRIYANKA PRIYADARSINI	220409120046	
52	BISHIKANTA SAMAL	220409120047	Bishikanta Samal
53	SAYONI MUKHERJEE	220409120048	
54	SHREDSI BISWAS	220409120049	Shreksi Biswas
55	SOURMYA RANJAN SAHOO	220409120050	Sourmya Ranjan Sahoo
56	ANJANA KUMARI	220409120051	Anjana Kumari
57	MOHAMMED ROSAN	220409120052	Mohammed Rosan
58	ADARSH KUMAR SWAIN	220409120053	
59	VIBEK TOPPO	220409120054	
60	SHUBHAM SAHU	220409120055	Shubham Sahu
61	DEBAYAN BEHERA	220409120056	Debayan Behera
62	BISHWAJEET PATRA	220409120057	Bishwaajeet Patra
63	ANALUSKA PAIKARAY	220409120058	Analuska Paikaraya
64	SAMARPREET SINGH REKHRAJ	220409120059	
65	ABHISEKH SATAPATHY	220409120060	
66	KADAMBINI SWAIN	220409120061	Kadambini Swain
67	PIYUSH MISHRA	220409120062	
68	PRIYADARSHINI SWAIN	220409120063	Priyadarshini Swain
69	TISA SONKAR	220409120064	Tisa Sonkar
70	UDAY MOHAN MAJHI	220409120065	
71	ANISHA MAHATO	220409120066	Anisha Mahato
72	RIYA SHAW	220409120067	Riya Shaw
73	ABHISEKH PATTNAIK	220409120068	
74	ANUKUL KRISHNAN	220409120069	
75	ASHUTOSH KUMAR	220409120070	
76	ARYAN ROUT	220409120071	Aryam Rout
77	MIR MUSRAF ALI	220409120072	
78	MAMTA MALICK	220409120073	
79	ANKIT KUMAR JAISWAL	220409120074	Ankit Jaiswal
80	LIPSA PRADHAN	220409120075	Lipsa Pradhan
81	DIVYAJYOTI SHAW	220409120076	Divyajyoti Shaw
82	KRITI RANJAN BEHERA	220409120077	
83	NIROJ KUMAR SETHI	220409120078	
84	MOMITA NAMATA	220409120079	
85	SOMDATT BISWAS	220409120080	Somdatta Biswas

86 Sumana Behera  
87 Soubhagya Pradhan

220409120086  
220409120087

Sumana Behera  
Soubhagya Pradhan

82 Divyanshu Mahapatra

220409120082

Divyanshu Mahapatra

Can  
Attend  
Topic  
Resource Person: Mr. C.K.



## Glimpses of seminar; -







WORKSHOP  
ON  
**Unlocking the Potential of Management Students: Stories and Strategies for  
Navigating Tomorrow's Business Landscape**

Resource Person  
**Dr. Adarsh Rath.**

Date-05/08/23

- The session was enriched with **three issues** regarding the skills and **ten stories** to enhance the insights of Management people.

Basically young generations are facing health challenges ,financial pressure, academic pressure, unemployment, substance abuse, social-media related concerns. But the most significant issues with the management students are

- ✓ Communication Skill
- ✓ World View
- ✓ Analytical Skill

*Ways to Improve the above skills:*

**1. Communication Skill:**

- ✓ Practice your speaking skills.
- ✓ Be available and approachable.
- ✓ Listen properly
- ✓ Consider the diversity in your workplace.
- ✓ Be mindful of nonverbal cues
- ✓ Communicate often
- ✓ Use different strategies
- ✓ Connect your message to your audience.

**2. World View**

- ✓ Developing a global mindset requires you to comprehend both yourself and your surroundings. Once you understand your sense of work, your style of leadership and your team, and develop cultural awareness, you can easily adapt to diverse working environments and achieve success.



### 3. Analytical Skill

- ✓ Identifying a topic, problem or issue.
- ✓ Breaking down the topic, problem or issue into smaller, more manageable segments.
- ✓ Gathering relevant information from trustworthy sources.
- ✓ Assessing cause and effect relationships.





## ■ 10 stories to influence the Wisdom

Story No.	Story Content	What We Learnt?
1	J K Rowling (Harry Potter)	Embrace self discovery
2	Steve Jobs (Apple Company)	Set Clear Goals
3	Jeff Bezos (Amazon)	Continuous Learning
4	Failure of Nokia & Blackberry Market	Adaptability and Resilience
5	Technology adapted in Lens- kart	Leveraging Technology
6	Sundar Pichai (Google)	Intrapreneuership
7	Ritesh Agarwal (OYO Rooms)	Global Mindset
8	Uber,Ola, Swiggy,Zomato etc	GIG Economy
9	Subroto Bagchi (Mindtree)	Social impact & Sustainable

<b>10</b>	Dr Muktikanta Mishra & Professor D.N Rao (CUTM)	Passion & Purpose
-----------	--	----------------------

**Conclusion:**

The workshop focused on effective management strategies, emphasizing communication, delegation, and team building. Participants learned about goal setting, time management, and problem-solving techniques.

Overall, the workshop aimed to equip management students with essential skills towards greater productivity and success.

# School of Management

## Attendance Sheet

Tile: Unlocking the Potential of Management Students.

Sl	Name	Regd. No	Signature of Students
1	Sreuti Singh	75	Sreuti Singh
2	Barna Pradyumn Singh	74	Barna Pradyumn Singh
3	Anjali Banerjee	112	Anjali Banerjee
4	Gandeep Kumar	110	Gandeep Kumar
5	Ashishad Sahoo	77	Ashishad Sahoo
6	Sangeeta Kudada	82	Sangeeta Kudada
7	Sushree Sumangla Sahoo	83	Sushree Sumangla Sahoo
8	Sourav Sahu	76	Sourav Sahu
9	Sourya Dalai	100	Sourya Dalai
10	Ranveer Singh	90	Ranveer Singh
11	Rishabh Kumar	117	Rishabh Kumar
12	Vinod Nanda	115	Vinod Nanda
13	Sanket Panda	86	Sanket Panda
14	Sumit Sharma	122	Sumit Sharma
15	Rajesh Pradhan	95	Rajesh Pradhan
16	Abhijeet Panda	89	Abhijeet Panda
17	Sankit Shrivastava	85	Sankit Shrivastava
18	Sohil Patel	72	Sohil Patel
19	Om Chakraborty	88	Om Chakraborty
20	Rajam	118	Rajam
21	Kishore Raj	98	Kishore Raj
22	Sankalp Panda	111	Sankalp Panda
23	Akhil Bisoyee	104	Akhil Bisoyee
24	Bharat Prasad	103	Bharat Prasad
25	Yogesh Singh	116	Yogesh Singh
26	Ranveer Singh		
27	Sumit Panda	101	Sumit Panda
28	Subhojit Samanta	119	Subhojit Samanta
29	Subham Sena	87	Subham Sena
30	Anmol Kumar Janneda	81	Anmol Kumar Janneda
31	Ashishad Sahoo	71	Ashishad Sahoo
32	Monalisa Tena	84	Monalisa Tena
33	Sourav Nayan	91	Sourav Nayan
34	Prajjit Dhir		Prajjit Dhir
35	MUN MANNA	92	MUN MANNA
36	Rajashree Parida	106	Rajashree Parida
37	Varsha Rani Mandal	114	Varsha Rani Mandal
38	Sneha Das	94	Sneha Das
39	Ritika Mishra	93	Ritika Mishra
40	Apkita panda	109	Apkita panda





## **A REPORT ON WORKSHOP ON DEVELOPING RESPONSIBLE & ETHICAL LEADERS**

Name of the Event	: Workshop on “Developing Responsible & Ethical Leaders”
Date of the event	: 22 <sup>nd</sup> July, 2023
Name of Mentor	: Dr. Rupsa Mahapatra
Name of the Speaker	: Dr. Supriti Mishra, Professor, IMI
No. of attendees	: 65
Mode of the workshop	: OFFLINE

School of Management organized a workshop on “Developing Responsible & Ethical Leaders.” The workshop was mentored by Dr. Susanta Kumar Mishra and Dr. Rupsa Mahapatra. Dr. Supriti Mishra, Professor, IMI, Bhubaneswar was invited as the speaker for the workshop.

Dr. Mishra focussed on the ethics in the workshop and on ethical leadership. She explained how at times ethics become a tricky issue and how some people at times try to justify their unethical behaviour as an ethical one. She explained through several examples. The participants were involved in various exercises conducted by her.

A total of 65 participants attended the workshop. Most of these participants were OFS Probationers. Various students from the school of management also participated in the workshop. As the OFS Probationers will work in leadership positions after the end of their training programme hence this programme was very relevant for them. CCCDC Coordinator Dr. Rupsa Mahapatra presented the welcome address and introduced the resource person. Dr. Susanta K Mishra coordinated the event. The workshop ended with a vote of thanks note by Dr. Susanta K Mishra and standing ovation by all the students as a token of love and thankfulness.







# School of Management

## Attendance Sheet

Title: Developing Responsible and Ethical Leadership

Sl	Name	Regd. No	Signature of Students
1	Amrita Maharana	240402100001	Amrita Maharana
2	Sakshi Kumari	240402100052	Sakshi Kumari
3	Pooja Bhagya	240402100003	Pooja Bhagya
4	Simran Sindhria	240402100053	Simran Sindhria
5	Arnel Dey	240402100005	Arnel Dey
6	Smriti Pragnya Sahoo	240402100006	Smriti Pragnya Sahoo
7	Samant Khatia	240402100020	Samant Khatia
8	Nandika Nilhil Reddy	240402100008	N. Nilhil Reddy
9	Suryakanta Pradhan	240402100010	Suryakanta Pradhan
10	Shyam Sundar Mohapatra	240402100043	Shyam Sundar Mohapatra
11	Seethasmita Kaur	240402100011	Seethasmita Kaur
12	Debashree Priya Kishore	240402100057	Debashree Priya Kishore
13	Susang Subashman Sena	240402100054	Susang Subashman Sena
14	Somya Pattanayak	240402100004	Somya Pattanayak
15	Deepak Kumar Mohanty	240402100008	Deepak Kumar Mohanty
16	Bishal Mallik	240402100016	Bishal Mallik
17	Pranav Pradyumna	240402100058	Pranav Pradyumna
18	Billy K. Nayak	240402100055	Billy K. Nayak
19	Santosh Kumar Bhowmik	240402100007	Santosh Kumar Bhowmik
20	Saibhagya Shukla Bhowmik	240402100009	Saibhagya Shukla Bhowmik
21	Ipsita Marthia	240402100021	Ipsita Marthia
22	Sheetal Mohanty	240402100049	Sheetal Mohanty
23	Raaz Pradyumna Bhowmik	240402100002	Raaz P. Bhowmik
24	Pooja S. S. S.	240402100024	Pooja S. S. S.
25	Pooja K. S. S.	240402100025	Pooja K. S. S.
26	Pooja K. S. S.	240402100037	Pooja K. S. S.
27	Ayan S. S. S.	240402100027	Ayan S. S. S.
28	Suryakanta S. S. S.	240402100018	Suryakanta S. S. S.
29	Suryakanta S. S. S.	240402100015	Suryakanta S. S. S.
30	Gurleen Pradhan	240402100031	Gurleen Pradhan
31	Abhishek Panda	240402100031	Abhishek Panda
32	Arjeet Bhowmik	240402100032	Arjeet Bhowmik
33	Mousumi Mousumi Patra	240402100033	Mousumi M. Patra
34	Arghya Arghya Pradhan	240402100035	Arghya Arghya Pradhan
35	Ayushman Mohapatra	240402100002	Ayushman Mohapatra
36	Sudhakar Pr. Samal	240402100017	Sudhakar Pr. Samal
37	GELLA PRAVEEN	240402100018	G. Praveen
38	Abinash Das	240402100038	Abinash Das
39	Travis Nayak	240402100021	Travis Nayak
40	Anita Shaw	240402100010	Anita Shaw





INDIA'S FIRST AND BEST  
SKILLS UNIVERSITY



School of Management

&

Center for Governance and Sustainable Societies

WORKSHOP  
ON  
ACHIEVING "VALUE PROPOSITION FIT"  
AND  
"BUSINESS FIT"



Resource Person

Mr. Babu Shankar  
MD  
GT Tech.

Faculty Coordinator  
Dr. Rupsa Mahapatra

Venue

LT-7, Kautilya Building, CUTM

TIME : 12 PM || Date : 29.08.2023

Centurion University of Technology and Management, Odisha  
CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

**FACULTY COORDINATOR :**

Dr. Rupsa Mahapatra

**STUDENT COORDINATOR:**

Pratyush kumar Pathy

THE WORKSHOP BEGAN WITH A BRIEF INTRODUCTION TO THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT. VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH A PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE OVERALL VIABILITY OF A BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

THE PRESENTER THEN DISCUSSED THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT FOR STARTUPS. HE ARGUED THAT STARTUPS THAT FAIL TO ACHIEVE EITHER OF THESE GOALS ARE UNLIKELY TO SUCCEED. HE ALSO SHARED SOME TIPS FOR ACHIEVING VALUE PROPOSITION FIT AND BUSINESS FIT, SUCH AS:

- **UNDERSTAND YOUR TARGET CUSTOMER:** THE FIRST STEP TO ACHIEVING VALUE PROPOSITION FIT IS TO UNDERSTAND YOUR TARGET CUSTOMER. THIS INCLUDES UNDERSTANDING THEIR NEEDS, PAIN POINTS, AND GOALS.
- **SOLVE A REAL PROBLEM:** YOUR PRODUCT OR SERVICE MUST SOLVE A REAL PROBLEM FOR YOUR TARGET CUSTOMER. IT'S NOT ENOUGH TO JUST HAVE A COOL IDEA.
- **BE BETTER THAN THE ALTERNATIVES:** YOUR PRODUCT OR SERVICE MUST BE BETTER THAN THE ALTERNATIVES THAT YOUR TARGET CUSTOMER CURRENTLY USES.

- **COMMUNICATE YOUR VALUE PROPOSITION CLEARLY:** YOU MUST BE ABLE TO COMMUNICATE YOUR VALUE PROPOSITION CLEARLY TO YOUR TARGET CUSTOMER.

THE PRESENTER ALSO DISCUSSED THE DIFFERENT WAYS TO MEASURE VALUE PROPOSITION FIT AND BUSINESS FIT. HE EMPHASIZED THE IMPORTANCE OF CONDUCTING CUSTOMER INTERVIEWS AND SURVEYS TO GET FEEDBACK ON YOUR PRODUCT OR SERVICE. HE ALSO DISCUSSED THE IMPORTANCE OF TRACKING YOUR KEY METRICS, SUCH AS REVENUE, CHURN, AND CUSTOMER ACQUISITION COSTS.

THE WORKSHOP CONCLUDED WITH A Q&A SESSION. THE PARTICIPANTS ASKED QUESTIONS ABOUT A VARIETY OF TOPICS, INCLUDING HOW TO VALIDATE YOUR VALUE PROPOSITION, HOW TO IMPROVE YOUR BUSINESS MODEL, AND HOW TO RAISE FUNDING.

THE WORKSHOP WAS WELL-RECEIVED BY THE PARTICIPANTS. THEY FOUND THE INFORMATION TO BE HELPFUL AND INFORMATIVE. THEY ALSO APPRECIATED THE OPPORTUNITY TO ASK QUESTIONS AND GET FEEDBACK FROM THE PRESENTER.

OVERALL, THE WORKSHOP WAS A VALUABLE LEARNING EXPERIENCE FOR THE PARTICIPANTS. THEY GAINED A BETTER UNDERSTANDING OF THE CONCEPTS OF VALUE PROPOSITION FIT AND BUSINESS FIT, AND THEY LEARNED SOME TIPS FOR ACHIEVING THESE GOALS.

HERE ARE SOME ADDITIONAL THOUGHTS ON THE IMPORTANCE OF ACHIEVING VALUE PROPOSITION FIT:

- ACHIEVING VALUE PROPOSITION FIT IS ESSENTIAL FOR STARTUPS BECAUSE IT ENSURES THAT THEY ARE BUILDING SOMETHING THAT PEOPLE ACTUALLY WANT OR NEED. THIS IS CRITICAL FOR GENERATING SALES AND BUILDING A SUSTAINABLE BUSINESS.
- VALUE PROPOSITION FIT CAN BE ACHIEVED BY CONDUCTING CUSTOMER RESEARCH, UNDERSTANDING THE PAIN POINTS OF YOUR TARGET MARKET, AND DEVELOPING A PRODUCT OR SERVICE THAT ADDRESSES THOSE PAIN POINTS.
- THERE ARE A NUMBER OF WAYS TO MEASURE VALUE PROPOSITION FIT, SUCH AS CUSTOMER SURVEYS, INTERVIEWS, AND A/B TESTING.
- IF YOU ARE ABLE TO ACHIEVE VALUE PROPOSITION FIT, YOU WILL BE WELL ON YOUR WAY TO BUILDING A SUCCESSFUL STARTUP.

A SWOT ANALYSIS IS A STRATEGIC PLANNING TOOL THAT HELPS YOU IDENTIFY AND ANALYZE YOUR ORGANIZATION'S STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS. IT CAN BE USED TO ASSESS YOUR BUSINESS FIT AND VALUE PROPOSITION FIT.

- **STRENGTHS:** THESE ARE THE INTERNAL FACTORS THAT GIVE YOUR BUSINESS AN ADVANTAGE OVER YOUR COMPETITORS. THEY CAN INCLUDE THINGS LIKE YOUR PRODUCTS OR SERVICES, YOUR TEAM, YOUR BRAND, AND YOUR MARKET POSITION.
- **WEAKNESSES:** THESE ARE THE INTERNAL FACTORS THAT COULD PUT YOUR BUSINESS AT A DISADVANTAGE. THEY CAN INCLUDE THINGS LIKE YOUR FINANCIAL SITUATION, YOUR LACK OF EXPERIENCE, OR YOUR LIMITED RESOURCES.
- **OPPORTUNITIES:** THESE ARE THE EXTERNAL FACTORS THAT COULD BENEFIT YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE NEW MARKET TRENDS, CHANGES IN REGULATIONS, OR THE ENTRY OF NEW CUSTOMERS.
- **THREATS:** THESE ARE THE EXTERNAL FACTORS THAT COULD HARM YOUR BUSINESS. THEY CAN INCLUDE THINGS LIKE CHANGES IN TECHNOLOGY, ECONOMIC DOWNTURNS, OR THE ENTRY OF NEW COMPETITORS.

VALUE PROPOSITION FIT REFERS TO THE DEGREE TO WHICH YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR A TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES. BUSINESS FIT REFERS TO THE

OVERALL VIABILITY OF YOUR BUSINESS MODEL, INCLUDING ITS ABILITY TO GENERATE REVENUE, ATTRACT AND RETAIN CUSTOMERS, AND ACHIEVE PROFITABILITY.

TO DIFFERENTIATE BETWEEN VALUE PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS, YOU CAN USE THE FOLLOWING TABLE:

BY UNDERSTANDING THE STRENGTHS, WEAKNESSES, OPPORTUNITIES, AND THREATS THAT AFFECT YOUR BUSINESS FIT AND VALUE PROPOSITION FIT, YOU CAN MAKE BETTER STRATEGIC DECISIONS THAT WILL HELP YOU ACHIEVE YOUR BUSINESS GOALS.

HERE ARE SOME ADDITIONAL TIPS FOR DIFFERENTIATING BETWEEN VALUE

STRENGTH	VALUE PROPOSITION FIT	BUSINESS FIT
STRONG PRODUCT OR SERVICE	YOUR PRODUCT OR SERVICE SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER IN A WAY THAT IS BETTER THAN THE ALTERNATIVES.	YOUR BUSINESS MODEL IS A REVENUE, ATTRACT AND RE AND ACHIEVE PROFITABILITY
EXPERIENCED TEAM	YOU HAVE A TEAM WITH THE SKILLS AND EXPERIENCE NECESSARY TO DEVELOP AND DELIVER YOUR PRODUCT OR SERVICE.	YOUR TEAM IS ABLE TO EXE BUSINESS MODEL EFFECTIV
STRONG BRAND	YOUR BRAND IS WELL-KNOWN AND RESPECTED BY YOUR TARGET CUSTOMER.	YOUR BRAND IS ABLE TO AT CUSTOMERS.
MARKET LEADER	YOU ARE THE LEADING PLAYER IN YOUR MARKET.	YOU ARE ABLE TO MAINTAIN LEADERSHIP POSITION.

PROPOSITION FIT AND BUSINESS FIT IN A SWOT ANALYSIS:

- FOCUS ON THE CUSTOMER. THE MOST IMPORTANT FACTOR IN BOTH VALUE PROPOSITION FIT AND BUSINESS FIT IS THE CUSTOMER. MAKE SURE YOUR SWOT ANALYSIS IS FOCUSED ON THE NEEDS, WANTS, AND PAIN POINTS OF YOUR TARGET CUSTOMER.
- BE SPECIFIC. DON'T JUST SAY THAT YOUR PRODUCT OR SERVICE IS "GOOD" OR THAT YOUR BUSINESS MODEL IS "Viable." BE SPECIFIC ABOUT WHAT MAKES YOUR PRODUCT OR SERVICE UNIQUE AND HOW IT SOLVES A REAL PROBLEM FOR YOUR TARGET CUSTOMER.
- BE REALISTIC. DON'T OVERSTATE YOUR STRENGTHS OR WEAKNESSES. BE HONEST ABOUT YOUR STRENGTHS AND WEAKNESSES, AS WELL AS THE OPPORTUNITIES AND THREATS THAT YOU FACE.

THANK YOU



## **A Report on Academic Writing with AI Tools**

-

**Date-** 27th May 2024

**Time-** 4:30PM- 5:30PM

**Venue-** MBA Board room

**Speaker-** Mr. Y.V Pratap, Project Manager, Centurion University of Technology and Management

### **Overview-**

A seminar talk was organized by the School of Management, Paralakhemundi, for its faculty members on the use of AI tools for academic writing. Mr. Y.V Pratap, Project Manager, briefed about various AI tools that can be used for successful academic writing content such as articles, case studies, etc.

### **Objectives-**

The session aimed:

- I. Discuss how AI tools can aid in literature review by summarizing research articles and extracting key information.
- II. Understand how AI can help in ensuring clarity, coherence, and conciseness in academic papers.
- III. Discuss the various types of AI tools available for academic writing.
- IV. Introduce popular AI tools for academic writing, such as grammar checkers, citation managers, and writing assistants.
- V. Understand the limitations of AI tools and the importance of human oversight.

### **Highlights of the session-**

The session featured the following insights about the briefing session:

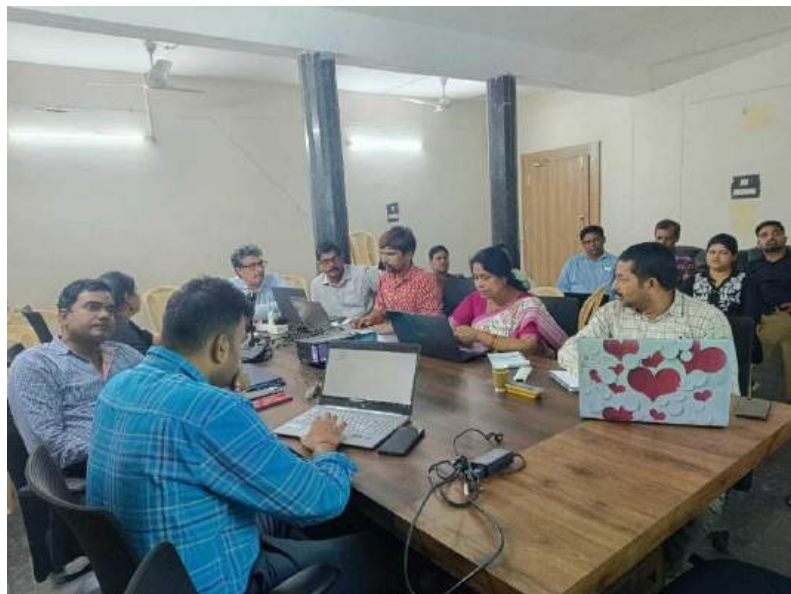


- I. Discuss how AI can streamline the writing process, improve quality, and save time.
- II. Exploration of new and upcoming AI technologies that may impact academic writing.
- III. Ethical implications of AI in academic writing.
- IV. AI-assisted data analysis and visualization.
- V. Efficient citation and reference management with AI.

#### **Outcomes of the session-**

- I. Faculty members understood the different types of AI tools available for academic writing.
- II. Faculty members learned to use AI tools to check and enhance grammar, style, clarity, coherence, and conciseness in their writing.
- III. Faculty members learn how to utilize AI tools to detect plagiarism and manage citations and references properly.
- IV. By the end of the session, faculty members had the knowledge and skills to integrate AI tools into their academic writing workflow, improving both efficiency and quality.

#### **Glimpses of the session -**





### **Conclusion-**

The session on AI tools for academic writing has provided participants with a comprehensive overview and practical experience

of how AI can transform and enhance their academic writing processes.

### **Attendance-**



Centurion  
UNIVERSITY  
Raising UoU  
Empowering Communities

Centurion University of Technology and Management School of Management ,Paralakhemundi Campus			
Topic-	Seminar Talk		
ATTENDANCE SHEET			
Organised By – School of Management			
Date-	27.05.2024	Venue-MBA Board Room	Time:- 05:00 PM
Sl.No	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	Dr.Anita Patra	Professor	Anita Patra
2	Dr.Durga Prasad Padhi	Associate Professor	
3	Dr.Prajna Pani	Associate Dean	Prajna Pani
4	Prof.Anil Kumar J	Associate Dean	Anil Kumar J
5	Dr.P Kalyan Chakravarty	Associate Professor	Kalyan
6	Dr.S Kameswar Rao	Associate Professor	
7	Dr.Girish Prasad Rath	Assistant Professor	Girish Rath
8	Dr.Susant Kumar Patnaik	Assistant Professor	Susant Kumar Patnaik
9	Dr.Amir Prasad Behera	Assistant Professor	Amir Prasad Behera
10	Dr.Subhramaya Nayak	Assistant Professor	Subhramaya Nayak
11	Dr.Mehazabeen A	Assistant Professor	Mehazabeen A
12	Mr.N D Prasad	Assistant Professor	N D Prasad
13	Ms.Swapnankita	Assistant Professor	Swapnankita
14	Mr.Sushil Kumar Pradhan	Assistant Professor	Sushil Kumar Pradhan
15	Mr.Sandeep Jena	Project Associate	Sandeep Jena
16	Mr. Y.V. Pratap	Project Manager	Y.V. Pratap
17	Mr. Kabeer Pattnaik	R. Scholar	Kabeer Pattnaik
18	Dr. Chetansena Padhi	Associate Professor	Chetansena Padhi
19	Mr. Biswajit Sahoo	Assistant Professor	Biswajit Sahoo
20	Dr. Susha Patra	R. Scholar	Susha Patra

Prajna Pani  
Associate Dean



## **Big Idea Presentation of Students**

**Date-** February 03, 2024

**Time-** 10 AM

**Venue:** Auditorium

**Number of Participants-** 114

### **Description-**

On 3 February 2024, a group of students delivered presentations showcasing their big ideas aimed at the locality's economic growth. The presentations were part of a project designed to encourage students to think critically about societal issues and propose innovative solutions. Prof D N Rao ( Vice President, CUTM) attended the event, and faculty members and management students were also present. The presentations covered a wide range of topics, each focusing on addressing specific challenges society faces. Some of the critical themes explored by the students included education, healthcare, environmental sustainability, poverty alleviation, and community development. Despite the diversity of topics, common threads of innovation, sustainability, and social impact ran through each presentation.

Overall, the presentations were well-received by the audience, sparking meaningful discussions and inspiring further collaboration and action. It is hoped that the ideas presented will serve as a catalyst for future initiatives aimed at the upliftment of society and the creation of a more equitable and sustainable world.



Photos of the Event:







Sl.No	Name Of the Students	Regd.No	SIGNATURE
1	Jitendra Kumar	230209120098	Jitendra Kr
2	G.Linagiri	230209120034	G.Linagiri
3	M. Chaitanya	230209120007	M. Chaitanya
4	Y. Satya Sai	230209120050	Y. Satya Sai
5	Ponnel Michael	230209120036	Ponnel Michael
6	Mohit Kumar	230209120057	Mohit Kumar
7	Nasir Alam	230209120062	Nasir Alam
8	S. Karthika	230209120001	Karthika
9	A. Jeevitha Chandu	230209120045	Karthika
10	M. Vanajakshi	230209120040	M. Vanajakshi
11	K. Lanya	230209120027	K. Lanya
12	D. Prasanna	230209120003	D. Prasanna
13	Harumantu Jagan	230209120065	H. Jagan
14	Mintu Kumar	230209120056	Mintu Kumar
15	Smsruti Srikha Mahankudla	230209120018	Smsruti Srikha
16	S. Shrawani	230209120023	S. Shrawani
17	T. Sneha	230209120029	T. Sneha
18	JAGENDRA PILLAI	230209120006	JAGENDRA
19	S. Samitosh Kumar	230209120026	S. Samitosh Kumar
20	D. Vagish Kumar	230209120033	Vagish
21	Babji Mahanty	230209120013	Babji Mahanty
22	G. Pallavi	230209120068	G. Pallavi
23	P. Ushasree	230209120008	P. Ushasree
24	Korada Prasanna	230209120019	K. Prasanna
25	Nastain	230209120020	Nastain
26	Muskan Kumari	230209120015	Muskan
26	Khushi Kumari	230209120014	Khushi
27	Pneha Jyagtha Bishayi	230209120005	Pneha
28			



Sl.NO	Name	Regd.NO	SIGNATURE
1	J. Keshal	230209120004	J. Keshal
2	L.V. Prudhwi	230209120060	Prudhwi
3	S. KARTHIK	230209120028	S. KARTHIK
4	Anu Preethi	230209120032	A. Preethi
5	Sionhadri deepika	230209120066	S. Deepika
6	RaJeev kumar	230209120016	RaJeev kumar
7	N. Soumya	230209120035	Soumya
8	Shakti Bhada Patro	230209120025	Shakti
9	T. Priyanka	230209120041	Priyanka
10	Sandeep Saha	230209120046	Sandeep Saha
11	Sunandob - lapawini	230209120017	Lapawini
12	ch. Jeshini	230209120044	Jeshini
13	T. Suresh	230209120029	Suresh
14	S. Sravani	230209120023	Sravan
15	Smruti Nikha Mohankudo	230209120018	Smruti Nikha
16	MINTU KUMAR	230209120056	Mintu Kumar
17	Hanumantu Jagan	230209120065	H. Jagan
18	Doka. Prasanna	230209120003	Prasanna
19	K. Lanya	230209120027	K. Lanya
20	H. Vanajakshi	230209120040	H. Vanajakshi
21	A. Keerthi chandru	230209120045	A. Keerthi
22	S. Karthik	230209120001	S. Karthi
23	Najir Alam	230209120062	Najir Alam
24	Mohit Kumar	230209120055	Mohit Kumar
25	Salish Panda	230209120055	Salish Panda
26	Abhishek Panda	230209120024	Abhishek
26	Sanjay Panda	230209120021	Sanjay
27	Karan Singh	230209100002	K. Singh
28	Pradeep Kumar Panigrahi	230209120022	Pradeep



Sl.No	Name	Regd.No	SIGNATURE
1	Shashwat Dubey	220209120019	Shashwat
2	Saket Raj	220209120005	Saket Raj
3	Ankit Kumar Singh	220209120009	Ankit Singh
4	Sumit Kumar	220209120008	Sumit Kumar
5	Md. Shahid Afzali	220209120017	Shahid Afzali
6	Subham Kumar Soni	220209120039	Subham Kumar Soni
7	Sachin Kumar	220209120020	Sachin Kumar
8	D. Kuntanajali	220209120043	Kuntanajali
9	T. Venugopal.	220209120050	Venugopal
10	A. Ravi	220209120048	Ravi
11	K. Yuvasri	220209120027	K. Yuvasri
12	I. Dharani	220209120030	I. Dharani
13	K. Priyanka	220209120031	K. Priyanka
14	P. Sai Shirisha	220209120024	P. Sai Shirisha
15	Anok Palsu	220209120016	Anok Palsu
16	Ruplal Hansda	220209120041	Ruplal Hansda
17	Rohan Panigrahy	220209120021	Rohan Panigrahy
18	Rudradev Pradhan	220209120022	Rudradev Pradhan
19	Laxmi Kanth Das	220209120035	Laxmi Kanth Das
20	Kishore Beena	220209120036	Kishore Beena
21	Sanjay B. Janshi	220209120032	Sanjay B. Janshi
22	Dokkara Anuragind	220209120031	Anuragind
23	Akhila Barad	220209120044	Akhila Barad
24	Gunika Likitha	220209120033	Gunika Likitha
25	Majji P. Anuragika	220209120034	Anuragika
26	Gumpu Nanya	220209120037	Nanya
26	Ch. Pujitha	220209120054	Ch. Pujitha
27	R. Pallavi	220209120053	R. Pallavi
28	T. Pranitha	220209120018	T. Pranitha



[illegible]



		Regd.No	SIGNATURE
1	P. Esuari	210209120006	P. Esuari
2	Neha Kumari	210209120031	Neha Kumari
3	P. Pujitha	210209120036	P. Pujitha
4	P.		
5	S. Uchitha	210209120027	S. Uchitha
6	K. Padmanavathi	210209120012	K. Padmanavathi
7	S. Meghana	210209120029	S. Meghana
8	V. Vismitha	210209120030	Vismitha
9	P. Supriya	210209120034	P. Supriya
10	Snehanjali Padhi	210209120009	Snehanjali Padhi
11	Soni Pannaiik	210209120017	Soni Pannaiik
12	Ankita Palo	210209120001	Ankita Palo
13	Gopinath Brupati	210209120020	Gopinath Brupati
14	P. Kalishna	210209120005	P. Kalishna
15	M. Leelavardhan	210209120013	M. Leelavardhan
16	V. Manikanta	210209120028	V. Manikanta
17	P. Praveen	210209120007	P. Praveen
18	Jatin Pattnaik	210209120019	Jatin Pattnaik
19	Ravi Kumar	210209120008	Ravi Kumar
20	Jagdeep Bawa	210209120032	Jagdeep Bawa
21	Siba Kumar Parida	210209120002	Siba Kumar Parida
22	K. Manikanta	210209120018	K. Manikanta
23	S. Vinay Kumar	210209120021	S. Vinay Kumar
24	Sandeep Badamundi	210209120026	Sandeep Badamundi
25	Krushna chandra Bawa	210209120033	Krushna chandra Bawa
26			
26			

## **Career Talk on Job Opportunity in Indian Army**

**Date-** 29 February, 2024

**Time-** 11.30 AM to 12.30 PM

**Resource Person-** Mr. Sanjeeb Kumar Dixit

**Number of Participants-** 95

### **Description-**

A career talk was conducted by the School of Management Training and Placement cell on 29.02.2024 in Seminar Hall, MBA Block. The program was conducted for management students to be aware of the recruitment process of Indian Army and the eligibility criteria. Mr. Sanjeeb Kumar Dixit from Indian Army invited as resource person for the event. The resource person explained his career path and with real examples and give inputs to the students and guide them for their career. It was an interactive and informative session for all the participants.

Flyer of the





Photos of the Event:







**Centurion University of Technology and Management  
Paralakhemundi Campus  
Attendance Sheet  
School Of Management**

Topic	CAREER TALK-JOB OPPORTUNITIE IN INDIAN ARMY		
Date-	29.02.2024	Venue- Seminar Hall	11:30AM TO 12:30PM
Sl.No	STUDENTS NAME	REGD.NO	SIGNATURE
1	Rustam Kumar	230209120012	Rustam Kumar
2	Mohit Kumar	230209120057	Mohit Kumar
3	Jeevaan Jaiswal	230209120053	Jeevaan Jaiswal
4	Aman Kumar	230209120051	Aman Kumar
5	Mintu Kumar	230209120056	Mintu K.
6	Sandeep Daba	230209120046	Sandeep Daba
7	Shreha Bishnoi	230209120005	Shreha
8	A. Keerthi Chandu	230209120045	Keerthi
9	Shakti Prada Patra	230209120025	Shakti
10	H. Varajakshi	230209120040	H. Varajakshi
11	K. Laxmi	230209120027	K. Laxmi
12	D. Prasanna	230209120003	Prasanna
13	Smriti Sikha Mohankudo	230209120018	Smriti Sikha
14	G. Pallavi	230209120068	G. pallavi
15	Nastain	230209120020	Nastain
16	Korada Prasanna	230209120019	K. Prasanna
17	Jitendra Kumar	230209120098	Jitendra
18	RaJeev Kumar	230209120016	RaJeev Kumar
19	Karan Singh	230209120002	K. Singh
20	Hanumanth Dagan	230209120065	H. Dagan
21	Abhishek Panda	230209120024	Abhishek



**Centurion University of Technology and Management**  
**Paralakhemundi Campus**  
**Student Attendance Sheet**  
**School Of Management**

Topic	CAREER TALK-JOB OPPORTUNITIE IN INDIAN ARMY		
Date-	29.02.2024	Venue- Seminar Hall	11:30AM TO 12:30PM
No	STUDENTS NAME	REG:NO	SIGNATURE
22	B. Sawani	230209120023	Sawani
23	T. Suresh	230209120029	Suresh
24	Pradeep Kumar Panigrahi	230209120022	Pradeep
25	Shashikala Kumari	990209120054	Shashika
26	Honey Kumari	230209120067	Honey Kumari
27	Satish Panda	230209120055	Satish Panda
28	Majir Alam	230209120062	Majir Alam
29	Y. Satya Sai	230209120050	Y. Satya Sai
30	S. Santosh Kumar	230209120026	S. Santosh Kumar
31	Y. Kushal	230209120004	Kushal
32	S. Leashile	230209120001	Leashile
33	JOGENDRA POHAI	230209120006	JOGENDRA
34	G. Linagisi	230209120034	Linagisi
35	L.V. Prudhvi	230209120060	Prudhvi
36	S. KARTHIK	230209120028	Karthik
37	Alha Kumari	210209120031	Alha Kumari
38	K. Vashnavi	230209120031	Vashnavi



Centurion University of Technology and Management  
Paralakhemundi Campus  
Student Attendance Sheet -  
School Of Management

Topic	CAREER TALK-JOB OPPORTUNITIE IN INDIAN ARMY		
Date-	29.02.2024		
Sl.No	STUDENT NAME	Venue- Seminar Hall	11:30AM TO 12:30PM
		REG:NO	SIGNATURE
43	Somasetti Uchitha	210209120027	S. Uchitha
44	Pujitha Peta	210209120036	P. Pujitha
45	Sasnapuri Meghana	210209120029	S. Meghana
46	Ankita Palo	210209120001	Ankita Palo
47	Gopinath Basupati	210209120020	Gopinath Basupati
48	Snehanjali Padhy	210209120009	Snehanjali Padhy
49	Somi Pattnaik	210209120017	Somi Pattnaik
50	S. Vinay Kumar	210209120021	S. Vinay Kumar
51	Jagnewar Bhanu	210209120032	Jagnewar Bhanu
52	Siba Kumar Parida	210209120002	Siba Kumar Parida
53	Ajay Sahu	210209120014	Ajay Sahu
54	Krushna chandra Boral	210209120033	K. Ch. Boral
55	Sandeep Badamuli	210209120026	Sandeep Badamuli
56	John Pattnaik	210209120019	John Pattnaik
57	K. padmawathi	210209120012	K. padmawathi
58	V. Vismitha	210209120030	V. Vismitha
59	Akha Kumar	210209120031	Akha Kumar





Centurion  
UNIVERSITY  
Shaping Lives...  
Empowering Communities

Centurion University of Technology and Management  
Paralakhemundi Campus  
Student Attendance Sheet -  
School Of Management

Topic	CAREER TALK-JOB OPPORTUNITIE IN INDIAN ARMY		
Date-	29.02.2024		
Sl.No	STUDENTS NAME	Venue- Seminar Hall	11:30AM TO 12:30PM
		REGD.NO	SIGNATURE
64	K. Yuvasri	220209120027	Yuvasri
65	A. Ravi	220209120048	Ravi
66	Saket Raj	220209120005	Saket
67	Palak Pari Mandal	220209120040	Palak
68	Shraddha Suyata	220209120012	
69	Ch. Pujitha	220209120054	Ch. Pujitha
70	R. Pallavi	220209120053	R. Pallavi
71	T. Praantha	220209120018	T. Praantha
72	P. Akash	220209120025	P. Akash
73	Pooja Mahesane	220209120028	Pooja
74	P. Anjali	220209120042	Anjali
75	Shashwat Dubey	220209120019	Shashwat
	Shahid Afridi	220209120017	Shahid
	Md. Mozim	220209120001	Mozim
	Wairacy Kumari	220209120038	Wairacy
	Sudhish Kumar	220209120003	Sudhish Kumar
	Shahmud 3 alen	220209120004	Shahmud
	Ruplal Hanida	220209120049	Ruplal
	Saieragal Sahu	220209120026	Saieragal Sahu
	Rudra dev Poddhan	220209120022	Rudra dev
	Arpik Pan	220209120021	Arpik





**CAREER TALK-JOB OPPORTUNITIE IN INDIAN ARMY**

[illegible]



Centurion  
UNIVERSITY  
*Shaping Lives  
Empowering Communities*

**Centurion University of Technology and Management**  
**Paralakhemundi Campus**  
**Attendance Sheet**  
**School Of Management**

Topic	CAREER TALK-JOB OPPORTUNITIE IN INDIAN ARMY		
Date-	29.02.2024	Venue- Seminar Hall	11:30AM TO 12:30PM
No	STUDENTS NAME	REGD.NO	SIGNATURE
106	Prabhasis Phadi-Radh	210804130215	Prabhasis
107	Tushar Kumar Pujari	210804130074	Tushar
108	D. SURENDRA RAO	210804130018	Surendra
109	Dinesh Kumar Pradhan	220101120268	Dinesh
110	Subham Kumar Rath	220101120245	Subham
111	Manoj Kumar Barada	220101120264	Manoj Ku. Barada
112	Debarish Barada	220101120261	Debarish Barada
113	Praneet Kumar Rath	220101120279	Praneet Ku. Rath
114	MD Azad Alam	210101110013	Azad
115	Javed Akram	220101120109	Javed Akram
116			
117			
118			
119			
120			
121			
122			
123			
124			



## CEO Talk

**Date-** February 16 , 2024

**Time-** 2 PM to 3 PM

**Resource Person-** Mr. Ramchander Sundararajan

**Number of Participants-** 54

**Description-**

School of Management has organized CEO talk for SoM students of all campus on 16 February 2024. Mr.Santosh Pandit the resource person delivered a talk focusing on technology, cyber, and operational resilience. The event aimed to shed light on the importance of these aspects in today's rapidly evolving business landscape. The resource person Mr.Santosh Pandit interacted with the students and clarified their doubts on Risk Management and Start-up. It's an interesting and knowledgeable sharing session. The students and faculties of Paralakhemundi campus had joined the session in online mode.

Flyer of the











**Centurion University of Technology and Management  
Paralakhemundi Campus**

**CEO Talk**

Topic:	Technology, Cyber & Operational Resilience		
Date-	16.02.2024	Venue-MBA Seminar Hall	01:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	D. Prasanna	230209120003	Prasanna
2	N. Soumya	230209120035	Soumya
3	Shakti Prada Patra	230209120025	Shakti
4	Ch. Keerthi Chandu	230209120045	Keerthi
5	Ch. Jashine	230209120044	Ch. Jashine
6	S. Tapaswini	230209120017	S. Tapaswini
7	K. Lampa	230209120027	K. Lampa
8	Sanjay Panda	230209120021	Sanjay
9	Pradeep Ku. Panigrahi	230209120022	Pradeep
10	Abhishek Panda	230209120024	Abhishek
11	JOGENDRA FOIAI	230209120006	JOGENDRA
12	Manas Ranjan Biswal	230209120037	Manas
13	D. Varun Kumar	230209120033	D. Varun
14	Balaji Mahant	230209120013	Balaji
15	Y. Satya Sai	230209120050	Y. Satya Sai
16	L.V. Prudhvi	230209120060	Prudhvi
17	T. Kushal	230209120004	Kushal
18	S. Karthik	230209120001	Karthik
19	K. GANESH	230209120039	Ganesh
20	Najir Alam	230209120062	Najir Alam
21	Rustam Kumar	230209120012	Rustam Kumar
22	Sasanan KARTHIK	230209120028	S. KARTHIK



Centurion University of Technology and Management  
Paralakhemundi Campus

CEO Talk

Topic	Technology, Cyber & Operational Resilience		
Date-	16.02.2024	Venue-MBA Seminar Hall	01:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
23	Karan Singh	230209120002	K.S.T.
24	Gibson mahapatra	230209120009	Gm
25	Hanumantu Pagan	230209120065	H. Pagan
26	Smriti Sikha Mohankudo	230209120018	Smriti Sikha
27	Litendra Kumar	230209120048	Litendra Kumar
28	Gaudeesh Saha	230209120046	Gaudeesh Saha
29	Shashikala Kumari	230209120054	Shashikala Kumari
30	Rajeev Kumar	230209120016	Rajeev Kumar
31	T. Priyanka	230209120041	Priyanka
32	MINTU KUMAR	230209120056	Mintu Kumar
33	Muskan Kumari	230209120015	Muskan Kumari
34	Khushi Kumari	230209120014	Khushi
35	Bneha Biswas	230209120005	Bneha
36	Ponnel mishaal	230209120036	Ponnel mishaal
37	G. pallavi	230209120038	G. pallavi
38	Nastain	230209120020	Nastain
39	Konada Prasanna	230209120019	K. Prasanna
40			
41			
42			
43			
44			





Centurion University of Technology and Management  
Paralakhemundi Campus  
CEO Talk

Topic	Technology, Cyber & Operational Resilience		
Date-	16.02.2024		
Sl.No	STUDENT NAME	Venue-MBA Seminar Hall	01:30PM
		REG:NO	SIGNATURE
67	Saket Raj	220209120005	Saket Raj
68	Shashwat Dubey	220209120019	Shashwat
69	Arnak Patra	220209120016	Arnak Patra
70	Sudhir Kumar	220209120003	Sudhir Kumar
71	G. Manya	220209120037	Manya
72	G. Likhitha	220209120033	Liki
73	Shradha Sujata	220209120012	S. Sujata
74	Akhila Borado	220209120044	Akhila
75	M. Pravilika	220209120034	Pravilika
76	Vishal Kumar	220209120007	Vishal
77	Summi Dwivedi	220209120006	Summi Dwivedi
78	Rohan Panigrahy	220209120021	Rohan Panigrahy
79	Rudra Dev Pradhan	220209120022	Rudra dev pradhan
80	Sai Prasad Sahu	220209120026	Sai Prasad Sahu
81	Md. Shahid Afridi	220209120017	Shahid
82	Ankit Kumar Singh	220209120009	Ankit Singh
83	Sumit Kumar	220209120008	Sumit Kumar
84	D. Kusumajali	220209120043	Kusuma
85	K. Yuvashi	220209120027	Yuvashi
86	D. Anjali	220209120042	Anjali
87	V. Monika	220209120046	V. Moni
88	Ch. Poojitha	220209120054	Ch. Poojitha





Centurion University of Technology and Management  
Paralakhemundi Campus

CEO Talk

Topic	Technology, Cyber & Operational Resilience		
Date-	16.02.2024		
Sl.No	STUDENT NAME	Venue-MBA Seminar Hall	01:30PM
		REG:NO	SIGNATURE
89	J. Dharani	220209120030	Dharani
90	R. Pallavi	220209120053	R. Pallavi
91	A. Ravi	220209120048	A. Ravi
92	T. Pranitha	220209120018	T. Pranitha
93	K. Priyanka	220209120031	K. Priyanka
94	P. Sirisha	220209120029	Sirisha
95	J. Niveditha	220209120045	Niveditha
96	T. Venu Gopal	220209120050	T. Venu Gopal
97	K. Shanthi	220209120041	K. Shanthi
98	Divyani Kumari	220209120014	Divyani Kumari
99	Sachin Kumar	220209120020	Sachin Kumar
100	Ruplal Hansda	220209120049	Ruplal
101	Summi Dwivedi	220209120006	Summi
102	Palak Mondal	220209120040	Palak
103	Amita Kumari	220209120015	Amita
104	Mel Mozim	220209120001	Mel Mozim
105	Shikha Kumari	220209120052	Shikha Kumari
106	Shahinur Alam	220209120004	Shahinur Alam
107			
108			
109			
110			



# Centurion University of Technology and Management

## Paralakhemundi Campus

### CEO Talk

#### Technology, Cyber & Operational Resilience

Topic	Date-	STUDENT NAME	Venue-MBA Seminar Hall	REG:NO	01:30PM	SIGNATURE
45	16.02.2024	S. Vinay Kumar				
46		Siba Kumar Panda		210209120021		
47		Joti Pattnaik		210209120022		
48		Alekh Kumar		210209120019		
49		M. Leela Mahapatra		210209120031		
50		V. Manikanta		210209120013		
51		P. Praveen		210209120028		
52		K. Manikanta		210209120007		
53		P. Kaushma		210209120018		
54		K. Ravi Kumar		210209120005		
55		Pavan Patra		210209120003		
56		Ajay Sahu		210209120004		
57		Siba Kumar Panda		210209120014		
58		K. Rushna chandra Mishra		210209120002		
59		Uchitha		210209120033		
60		K. Padmapavathi		210209120027		
61		S. Meghana		210209120022		
62		Sheela Jali Padi		210209120029		
63		V. Vismitha		210209120009		
64		P. Pujitha		210109120080		
65		P. Supriya		210209120036		
66				210209120034		





**Centurion**  
**UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

## **Presentation on Learning from Production Units**

**Date-** 17 February, 2024

**Time-** 11AM to 3 PM

### **Description-**


In business administration, understanding various production units and their operations is crucial for aspiring entrepreneurs and managers. A poster presentation event can be organized for Bachelor of Business Administration (BBA) students to provide practical exposure and insights into different sectors. This report outlines the significance and learning outcomes of hosting a poster presentation focused on production units such as horticulture, organic farming, dairy farming, mushroom cultivation, and biofertilizer production.

**Purpose:** The primary objective of the production unit poster presentation is to enhance students' understanding of diverse agricultural and agribusiness ventures. By showcasing various production units through visual representations, students can gain insights into the operational processes, challenges, market dynamics, and business opportunities associated with each sector. Additionally, the poster presentation fosters critical thinking, research skills, and communication abilities among BBA students.

### **Outcomes:**


1. **Exposure to Different Production Units:** Through the poster presentation, students can explore various production units, including horticulture, organic farming, dairy farming, mushroom cultivation, and biofertilizer production. This exposure enables them to understand each sector's unique characteristics, inputs, and outputs.
2. **Understanding Operational Processes:** Posters depicting production units offer insights into the operational processes involved, such as crop cultivation techniques, livestock management practices, mushroom growing methods, and biofertilizer production processes. Students can grasp the intricacies of production operations and the factors influencing efficiency and productivity.
3. **Market Analysis and Opportunities:** The poster presentation allows students to analyze market trends, consumer preferences, and demand-supply dynamics in each production unit. They can identify potential business opportunities, niche markets, and innovative value addition and penetration strategies.
4. **Challenges and Risk Management:** By studying the posters, students can identify challenges and risks associated with different production units, such as weather variability, pest and disease outbreaks, supply chain disruptions, and market volatility. They learn about risk management strategies, contingency planning, and resilience measures applicable to agricultural enterprises.
5. **Sustainable Practices:** Posters focusing on organic farming, biofertilizer production, and sustainable agriculture highlight the importance of environmental stewardship, resource conservation, and ecological sustainability. Students gain insights into sustainable farming practices, agroecological principles, and the integration of renewable resources.

Flyer of the event:




**Centurion**  
UNIVERSITY  
*Shaping Lives...  
Empowering Communities...*

**4** QUALITY  
EDUCATION



# Learning from Production Units



## Poster Presentation

**Saturday, 17 February 2024**  
**11AM-1.30PM**  
**School of Management**  
**Paralakhemundi Campus**

**Coordinators: Dr.Subhramaya & Mr.Sandeep Jena**



Photos of the event:









Groups Presented:

BBA 3<sup>rd</sup> Semester ( 2022-25 batch)

Group 1 (3rd Sem)			
Sl.No	NAME OF THE STUDENT	REG NO	VISIT UNIT NAME
1	MD MOZIM	220209120001	MUSHROOM UNIT / Dr. S KAMESWAR RAO
2	ANKIT KUMAR	220209120002	
3	SUDHIR KUMAR	220209120003	
4	SHAHNAWAZ ALAM	220209120004	
5	SAKET RAJ	220209120005	
6	SUMMI DWIVEDI	220209120006	
7	VISHAL KUMAR	220209120007	
8	SUMIT KUMAR	220209120008	
Group 2			
1	ANKIT KUMAR SINGH	220209120009	BAKERY UNIT / Mr. M SUDARSHAN RAO
2	SAHIL SAURAV	220209120010	
3	ANUP KUMAR MANDAL	220209120011	
4	SHRADHA SUJATA	220209120012	
5	DIBYANI KUMARI	220209120014	
6	ANITA KUMARI	220209120015	
7	ASHOK PASWAN	220209120016	
8	MD SHAHID AFRIDI	220209120017	
Group 3			
1	TALABHAKTULA PRANITA	220209120018	MINI PROCESSING UNIT / Mr. N D PRASAD
2	SHASHWAT DUBEY	220209120019	
3	Sachin Kumar	220209120020	
4	Rohan Panigrahy	220209120021	
5	RUDRADEV PRADHAN	220209120022	
6	SRUTHI SOUMITA CHOUDHURY	220209120023	
7	PULLA SAI SHIRISHA	220209120024	
Group 4			
1	POTNURU AKASH	220209120025	ORGANIC FARMING / Dr. ASHOK KUMAR
2	SAI PRASAD SAHU	220209120026	
3	KORADA YUVASRI	220209120027	
4	POOJA MAHARANA	220209120028	
5	VAMSHIDHAR DOLAI	220209120029	
6	IDDUMU DHARANI	220209120030	
7	KUPPILI PRIYANKA	220209120031	
Group 5			
1	BALLA VAMSHI	220209120032	HORTICULTURE NURSERY / Dr. SUBHRAMAYA NAYAK
2	Gudla Likitha	220209120033	
3	DASU LAXMIKANTH	220209120035	
4	MAJJI PRAVALLIKA	220209120034	
5	BEENA KISHORE	220209120036	
6	GUMPU NAVYA	220209120037	
7	NANCY KUMARI	220209120038	

Group 6			
1	SUBHAM KUMAR SONI	220209120039	BIO-FERTILIZER UNIT / Dr. P KALYAN CHAKRAVARTHY
2	PALAKPARI MANDAL	220209120040	
3	KAMMINANA SHANTI	220209120041	
4	PATOJU ANJALI	220209120042	
5	DUVVADA KUSUMANJALI	220209120043	
6	AKHILA BORADO	220209120044	
7	JAMI NIVEDITHA	220209120045	
8	MOUNIKA VELAMALA	220209120046	
Group 7			
1	RAGHUPATRUNI CHARAN	220209120047	DAIRY UNIT / Dr. BRIJLAL MALLICK
2	ANAPANA RAVI	220209120048	
3	RUPLAL HANSDA	220209120049	
4	TADAKA VENUGOPAL	220209120050	
5	DOKKARA AURAVINDO	220209120051	
6	SHIKHA KUMARI	220209120052	
7	RADA PALLAVI	220209120053	
8	CHALLA PUJITHA	220209120054	

**BBA 5<sup>TH</sup> Semester (2021-24 batch)**

Group-1 (5th Sem)			
Sl.No	NAME OF THE STUDENT	REG NO	UNIT NAME / FACULTY IN-CHARGE
1	ANKITA PALO	210209120001	BRR KEEPING & HONEY PRODUCTION / Mr. Y V PRATAP
2	SIBA KUMAR PARIDA	210209120002	
3	K.RAVI KUMAR	210209120003	
4	PAVAN POLLAI	210209120004	
5	PYDISETTY KARISHMA	210209120005	
6	PODILAPU ESWARI	210209120006	
7	POTHURAJU PRAVEEN	210209120007	
Group-2			
1	ISAI URMILA	210209120008	ORGANIC FARMING / MR. SANDEEP JENA
2	SNEHANJALI PADHI	210209120009	
3	AKASH KUMAR	210209120010	
4	PIDUGU YASWANTH	210209120011	
5	KILLAMSETTI PADMAVATHI	210209120012	
6	MADHABATTULA LEELAMADHAV	210209120013	
7	AJAY SAHU	210209120014	
Group-3			
1	NALLA SANDEEP	210209120016	HORTICULTURE NURSERY / Mr. KALEE PATTANAYAK
2	SOMI PATTANAIK	210209120017	
3	KUDDANA MANIKANTA	210209120018	
4	JOTIN PATNAIK	210209120019	
5	GOPINATH BASUPATI	210209120020	
6	SASHANAPURI VINAY KUMAR	210209120021	

7	AMIT KUMAR	210209120022	
<b>Group-4</b>			
1	GARUGU SRIKAXMI	210209120023	BIO-FERTILIZER UNIT / Dr. SUBHRAMAYA NAYAK
2	PANKAJ KUMAR	210209120025	
3	SANDEEP BADAMUNDI	210209120026	
4	SOMASETTI UCHITHA	210209120027	
5	VALLA MANIKANTA	210209120028	
6	SASANAPURI MEGHANA	210209120029	
7	VISMITHA VOONA	210209120030	
<b>Group-5</b>			
1	NEHA KUMARI	210209120031	MUSHROOM UNIT / Dr. P KALYAN CHAKRAVARTHY
2	JAGNESWAR BISWAL	210209120032	
3	KRUSHNA CHANDRA BISWAL	210209120033	
4	PETA SUPRIYA	210209120034	
5	PETA PUJITHA	210209120036	
6	Vikash Kumar	210209120037	
7	ATIF AKRAM	210209120039	



**Centurion**  
**UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

## **Live Streaming of Annual Budget 2024**

**Date-** 1 February, 2024

**Time-** 10.30 AM to 1 PM

**Number of Participants-** 79

### **Description-**

**Introduction:** In an era marked by digital advancements and increased accessibility to information, the live streaming of significant events has become a prevalent practice. One such event of immense importance is the annual budget presentation, particularly for Bachelor of Business Administration (BBA) students. This report delves into the significance and impact of live streaming the annual budget presentation of Finance Minister Nirmala Sitharaman in Parliament.

**Purpose:** The primary objective of live streaming the annual budget presentation for BBA students is to allow them to witness firsthand the unveiling of fiscal policies, economic strategies, and financial allocations proposed by the government. By streaming the budget presentation live, students can gain real-time insights into the economic landscape, comprehend the implications of government decisions on businesses, and analyze the strategic priorities outlined in the budget.

### **Benefits :**

**Educational Opportunity:** Live streaming the budget presentation offers BBA students a unique educational experience, enabling them to observe the fiscal planning process and understand the rationale behind policy decisions.

**Real-time Engagement:** Students can actively engage with the budget announcement by participating in live discussions, analyzing key proposals, and evaluating their potential impact on various sectors of the economy.

**Enhanced Understanding:** Witnessing the budget presentation live allows students to contextualize theoretical concepts with practical examples, fostering a deeper understanding of economic principles, taxation policies, and government expenditure.

**Industry Relevance:** As future business leaders and entrepreneurs, BBA students need to comprehend the intricacies of government budgets and economic policies, as these directly influence market dynamics, investment strategies, and business operations.

**Access to Expert Insights:** Live streaming platforms often feature expert commentary and analysis alongside the budget presentation, providing students with diverse perspectives and valuable insights from economists, financial analysts, and industry professionals.



Flyer :



## SCHOOL OF MANAGEMENT

*Invites you to*



## UNION BUDGET 2024-25

**BUDGET 2024**



**1ST FEBRUARY 2024  
10.30 AM – 1.00 P.M**

**LECTURE HALL 2  
SCHOOL OF MANAGEMENT  
PARALAKHEMUNDI CAMPUS**

### **Coordinators**

Dr. Subhramaya Nayak  
Mr. Sandeep Jena

Photos of the Event:









Centurion University of Technology and Management  
School of Management, Paralakhemundi Campus

Live Streaming: Union Budget 2024

Date-	01.02.2024	Time :-	10:30am
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	Shradha Sujata	220209120012	Shradha
2	Talak Mandak	220209120040	Talak
3	Sunmi Dwivedi	220209120006	Sunmi
4	Vishal Kumar	220209120007	Vishal
5	MD MOZIM	220209120001	Md Mozim
6	Anita Kumari	220209120015	Anita
7	Shikha Kumari	220209120052	Shikha
8	Diyaani Kumari	220209120014	Diyaani Kumari
9	Pooja Meharane	220209120018	Pooja
10	P. Arjali	220209120042	Arjali
11	Ch. Pujitha	220209120054	Ch. Pujitha
12	T. Pranitha	220209120015	T. Pranitha
13	Suthi Sumita Chandy	220209120023	Suthi Sumita
14	I. Dharani	220209120030	I. Dharani
15	R. Pallavi	220209120053	R. Pallavi
16	D. Kusumajali	220209120043	Kusuma
17	K. Yuvasri	220209120027	Yuvasri
18	A. Ravi	220209120048	Ravi
19	Laxmikanth Das	220209120035	Laxmi
20	D. Akash	220209120025	Akash
21	M. D. Khavind	220209120051	Khavind
22	M. Pravalika	220209120034	Pravalika
23	G. Lilitha	220209120033	Lilitha
24	G. Navya	220209120037	Navya
25	V. Moonika	220209120046	Moonika
26	J. Niveditha	220209120045	Niveditha
27	K. Shanthi	220209120041	Shanthi
28	K. Priyanka	220209120031	K. Priyanka
29	P. Sai Shixisha	220209120024	P. Shixisha
30	Rudra Dev Pradhan	220209120022	Rudra Dev
31	Aneek Kumar	220209120016	Aneek Kumar
32	Ruplal Hansda	220209120049	Ruplal Hansda
33	Subham Kumar soni	220209120039	Subham Kumar soni
34	Sachin Kumar	220209120020	Sachin Kumar
35	Shashwat Dubey	220209120019	Shashwat
36	Shahrukh Alam	220209120004	Shahrukh
37	Md. Shahid Afridi	220209120017	Shahid Afridi
38	Saket Ray	220209120005	Saket Ray
39	Naincy	220209120038	Naincy
40	Sudhir Kumar	220209120003	Sudhir
41	Ankit Kumar Singh	220209120009	Ankit
42	Sumit Kumar	220209120008	Sumit Kumar
43			
44			



19th Year

Centurion University of Technology and Management  
School of Management, Paralakhemundi Campus

Live Streaming: Union Budget 2024

Date-	01.02.2024	Time :-	10:30am
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	Sunandini Dasgupta	230209120012	Sunandini
2	Ch. Jashini	230209120044	Jashini
3	D. Prasanna	230209120003	Prasanna
4	L.V. Prudhvi	230209120060	Prudhvi
5	Harumantu Jagan	230209120065	H. Jagan
6	Salish Panda	230209120055	Salish Panda
7	S. Akhaurani	230209120023	S. Akhaurani
8	T. Srueta	230209120029	Srueta
9	G. Pallavi	230209120068	G. Pallavi
10	Korada Prasanna	230209120019	K. Prasanna
11	Nastain	230209120020	Nastain
12	Samruti Sikha Mohankudo	230209120018	Samruti Sikha
13	N. Saumya	230209120035	Saumya
14	T. Priyanka	230209120041	Priyanka
15	K. Lakshya	230209120027	K. Lakshya
16	Hitendra Kumar	230209120098	Hitendra Kumar
17	Rustam Kumar	230209120017	Rustam Kumar
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			



Centurion University of Technology and Management  
School of Management, Paralakhemundi Campus

Live Streaming: Union Budget 2024

Date-	01.02.2024	Time :-	10:30am
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	P. Supriya	210209120034	P. Supriya
2	P. Pujitha	210209120035	P. Pujitha
3	Pavan Kollari	210209120004	Pavan Kollari
4	V. Vismitha	210209120030	V. Vismitha
5	K. Padmanavathi	210209120012	K. Padmanavathi
6	P. Eluvani	210209120006	P. Eluvani
7	S. Meghana	210209120029	S. Meghana
8	Atif Akram	210209120039	Atif Akram
9	Pankaj Kumar	210209120025	Pankaj Kumar
10	Akash Kumar	210209120010	Akash Kumar
11	Amit Kumar	210209120020	Amit Kumar
12	Krushna chandra Biswal	210209120032	Krushna Ch. B.
13	Jagannath Biswal	210209120032	Jagannath B.
14	S. VINAY KUMAR	210209120021	S. Vinay
15	JUTIN PATNAIK	210209120019	Jutin Patnaik
16	SANDEEP BADAMUNDI	210209120026	Sandeep Badamundi
17	N. SANDEEP	210209120016	N. Sandeep
18	CHIDINATH BIKUPATI	210209120020	Chidnath B. B.
19	G. Sri Arumi	210209120023	G. Sri Arumi
20	S. Uchitha	210209120027	S. Uchitha
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
2			
3			
4			



# Report on Industry Talk

Date: 22nd April 2024

Venue: Online Mode

Organized by: School of Management and Training & Placement Cell,  
Paralakhemundi Campus

## Introduction:

On the 22nd of April 2024, the School of Management, in conjunction with the Training & Placement Cell at Paralakhemundi Campus, organized a distinguished career talk featuring Mr. Nitin Ambardar, Senior Assistant Vice President at Bajaj Capital. The event aimed to enlighten students about career opportunities, industry insights, and the essential skills required for success in the financial sector.

## **Overview of the Session:**

The online session commenced at [insert start time], with an enthusiastic turnout of students eager to gain knowledge from Mr. Ambardar's extensive experience in the finance domain. The event moderator introduced Mr. Ambardar, highlighting his noteworthy achievements and expertise in the field.

## **Key Points Covered:**

**Insights into Financial Sector:** Mr. Ambardar provided valuable insights into the dynamic landscape of the financial sector, emphasizing its ever-evolving nature and the significance of adaptability for professionals.

**Career Opportunities:** He elaborated on the diverse career opportunities available within the financial industry, ranging from investment banking to wealth management, and stressed the importance of aligning one's interests and skills with suitable roles.

**Essential Skills:** Mr. Ambardar underscored the essential skills requisite for success in the financial sector, including analytical prowess, critical thinking, effective communication, and a strong aptitude for numbers. He encouraged students to focus on honing these skills to enhance their employability.

**Technological Advancements:** Discussing the impact of technological advancements on the finance domain, Mr. Ambardar elucidated how emerging technologies such as artificial intelligence and blockchain are reshaping traditional practices and creating new avenues for innovation.

**Career Growth and Development:** Drawing from his personal experiences, Mr. Ambardar shared valuable insights on career progression and the importance of continuous learning and upskilling in staying relevant in the industry.

**Q&A Session:** The session concluded with an interactive Q&A segment, where students enthusiastically posed insightful questions to Mr. Ambardar, seeking further clarification on various aspects of the financial sector and career advancement opportunities.

## **Conclusion:**

The career talk by Mr. Nitin Ambardar proved to be an enriching and enlightening experience for the students of Paralakhemundi Campus. His profound insights, coupled with practical advice, served to inspire and empower the future finance professionals, equipping them with the requisite knowledge and motivation to embark on successful careers in the dynamic realm of finance.



The School of Management and Training & Placement Cell express their sincere gratitude to Mr. Nitin Ambardar for his invaluable contribution and look forward to organizing similar insightful sessions in the future.

**Attendee Feedback:**

Following the event, attendees expressed their appreciation for the opportunity to interact with Mr. Ambardar and gain insights into the finance industry. Many students found the session to be highly informative and inspiring, with some expressing a newfound interest in exploring career opportunities in finance.

Overall, the career talk was deemed a resounding success, leaving a lasting impression on the students and further cementing Paralakhemundi Campus's commitment to providing holistic career guidance and professional development opportunities to its students.

## **Industry Talk**

**Date-** January 31, 2024

**Time-** 2 PM to 3 PM

**Resource Person-** Mr. Ramchander Sundararajan

**Number of Participants-** 54

### **Description-**

A career talk was conducted by the School of Management Training and Placement cell on 31.01.2024 in Lecture hall 1, MBA Block. The program was conducted for management students to be aware of the recruitment process of different companies and their expectations of the candidates. Mr. Ramchander Sundararajan, HR Business Partner , ITC Ltd invited as resource person for the event. The resource person explained his career path and with real examples and give inputs to the students and guide them for their career. It was an interactive and informative session.

Flyer of the

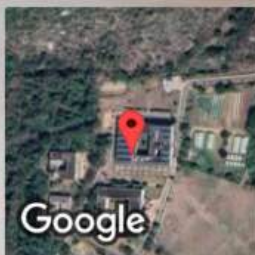


Photos of the Event:





 GPS Map Camera



Google

Rajaseetapuram, Odisha, India  
R45V+PCF, Rajaseetapuram, Odisha 761211, India  
Lat 18.809412°  
Long 84.143439°  
31/01/24 02:38 PM GMT +05:30





Attendance :

Centurion University of Technology and Management School of Management ,Paralakhemundi Campus			
Workshop -BBA 4th Sem (2022-2025)			
Topic-	Career Talk		
Resource Person : HRs - ITC Ltd.			
Date-	31.1.2024	Time :-	02:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	MD MAZIM	220209120001	md mazim
2	Sudhir Kumar	220209120003	Sudhir Kumar
3	Naincy kumari	220209120038	Naincy kumari
4	Sachin Kumar	220209120030	Sachin Kumar
5	Shahneel Singh	220209120004	Shahneel Singh
6	Md. Shahid Afridi	220209120017	Shahid Afridi
7	Subham Kumar soni	220209120039	Subham soni
8	Palak Puri Mandal	220209120040	Palak Mandal
9	Shradha Singh	220209120012	Shradha Singh
10	P. Sai Shrishta	220209120024	P. Sai Shrishta
11	K. Raviyanka	220209120031	Raviyanka
12	J. Niveditha	220209120045	Niveditha
13	S. Shanthi	220209120041	S. Shanthi
14	V. Mounika	220209120046	Mounika
15	Shikha Kumari	220209120052	Shikha Kumari
16	Divyoni Kumari	220209120014	Divyoni Kumari
17	Anita Kumari	220209120015	Anita
18	P. Anjali	220209120042	Anjali
19	Pooja Katarikara	220209120028	Pooja
20	Sumit Kumar	220209120008	Sumit kumar
21	Aniket M. Singh	220209120009	Aniket Singh
22	Sumi Desai	220209120006	Sumi Desai
23	Vishal Kumar	220209120007	Vishal
24	Shashwat Dubey	220209120008	Shashwat
25	Saket Raj	220209120005	Saket Raj
26	Anshu Kumar	220209120016	Anshu Kumar
27	J. Abhina	220209120020	Abhina
28	R. Pallavi	220209120053	Pallavi
29	Smriti Suman Choudhary	220209120023	Smriti
30	Talabhaktula Brahma	220209120018	Brahma
31	Ch. Pooja	220209120054	Pooja
32	K. Yuvaraj	220209120027	Yuvaraj
33	D. Gunjanjati	220209120043	Gunjan
34	A. Ravi	220209120048	Ravi
35	Laxmi Kanti Das	220209120035	Laxmi
36	D. Anavindoo	220209120051	Anavindoo
37	B. Jyoti	220209120037	Jyoti
38	P. AKASH	220209120025	AKASH
39	B. Kishore	220209120036	Kishore



Workshop -BBA 6th Sem (2021-2024)

[illegible]

Centurion University of Technology and Management  
School of Management ,Paralakhemundi Campus

Workshop - ~~BBA~~ 6th Sem (2021-2024)

Topic-	Career Talk
--------	-------------

Resource Person : HRs - ITC Ltd.

Date-	31.1.2024
-------	-----------

Time :-

02:00PM

Sl.No	STUDENT NAME
-------	--------------

REG:NO

SIGNATURE

- ① Seemayjit Panda
- ② Sayan Bhaaskrpati
- ③ Kanhu Charan Patnaik
- ④ Renuka Chandra
- ⑤ Uma Choudhury
- ⑥ Sameera Samilla
- ⑦ Kavitha Patil
- ⑧ Mr Satish Kumar
- ⑨

220202140007
--------------

220202190004

220202140008

220202140001

220002140002

220303140006

200202180010

2202021400K



## Live Streaming of PM address on Vikasit Bharat@2047

The BBA students and faculty members joined the live streaming of the Prime Minister's Address on Vikash Bharat @2047 in the MBA seminar hall on 11<sup>th</sup> December 2023. It was a motivational session and the students actively participated in the event.

Event Name : Live streaming of the Prime Minister's Address on Vikash Bharat @2047

Date :11 December 2023

Venue : MBA Seminar Hall

Time :10 am


### Photos







## Attendance Sheet

 <b>Centurion University of Technology and Management</b> <b>Paralakhemundi Campus</b>			
<b>Attendance Sheet</b>			
Topic-Live Streaming of Vikasit Bharat @2047 Utsav Inagural			
By-Hon'ble Primenister			
Dep:-SoM		Venu:-MBA Seminar Hall	
Date:- 11.12.2023		Time:- 10:00AM Onwards	
Sl.No	Name of the Students	Regd.No	Signature
1	SALLA KARTHIK	230209120001	S. K. Karthik
2	KARAN SINGH	230209120002	K. Singh
3	DOKA PRASOONA	230209120003	D. Prasoon
4	TELAGAMSETTY KUSHAL	230209120004	T. Kushal
5	SNEHA SNIGDHA BISHOI	230209120005	S. Snigdha
6	JOGENDRA POLLAI	230209120006	JOGENDRA POLLAI
7	Chaitanya Madabhaktula	230209120007	
8	POLAKI USHASREE	230209120008	P. Ushasree
9	GIFTSON MAHAPATRA	230209120009	G. Mahapatra
10	ANUPAMA PRADHAN	230209120010	A. Pradhan
11	INDRAJEET UPADHYAY	230209120011	I. Upadhyay
12	RUSTAM KUMAR	230209120012	
13	BALAJI MAHANTY	230209120013	B. Mahanty
14	KHUSHI KUMARI	230209120014	
15	MUSHKAN KUMARI	230209120015	M. Kumari
16	RAJEEV KUMAR	230209120016	R. Kumar
17	SUNASOGODO TAPASWINI	230209120017	S. Tapaswini
18	SMRUTI SIKHA MOHANKUDO	230209120018	S. Mohankudo
19	KORADA PRASANNA	230209120019	K. Prasanna
20	NASTAIN .	230209120020	N. Nastain
21	SANJAY PANDA	230209120021	S. Panda
22	PRADEEP KUMAR PANIGRAHI	230209120022	P. Panigrahi
23	SAMPARA SRAWANI	230209120023	S. Srawani
24	ABHISHEK PANDA	230209120024	A. Panda
25	SHAKTI PRADA PATRO	230209120025	S. Patro

26	SAVARA SANTOSH KUMAR	230209120026	S. Santosh Kumar
27	KONCHADA LAVYA	230209120027	K. Lavya
28	SASANAM KARTHIK	230209120028	
29	TEKKALI SWETA	230209120029	Sweta
30	PAILA KIRAN	230209120030	P. Kiran
31	KOTTAPALLI VAISHNAVI	230209120031	Kottapalli Vaishnavi
32	ALLU PREETI	230209120032	
33	DANNANA VARUN KUMAR	230209120033	D. Varun Kumar
34	GACHUPENDI HIMAGIRI	230209120034	
35	NEMALIPURI SOUMYA	230209120035	N. Soumya
36	PONUEL MISHAL	230209120036	Ponuel Mishal
37	MANAS RANJAN BISWAL	230209120037	Manas Ranjan Biswal
38	PINNINTI GANESH	230209120038	P. Ganesh
39	KILLARI GANESH	230209120039	
40	MOSA VANAJAKSHI	230209120040	M. Vanajakshi
41	JALLANDA PRIYANKA	230209120041	Priyanka
42	RELLI ARAVIND	230209120042	
43	PICHUKA ANUSHA	230209120043	
44	CHATTI JOSHINI	230209120044	Ch. Joshini
45	ADAPA KEERTHI CHANDU	230209120045	A. Keerthi Chandu
46	SANDEEP SAHA	230209120046	Sandeep Saha
47	KUNAL KUMAR	230209120047	
48	JITENDRA KUMAR	230209120048	Jitendra Kumar
49	BIRCHANDRA KUMAR	230209120049	
50	YABAJI SATYASAI	230209120050	Y. Satya Sai
51	AMAN KUMAR	230209120051	Aman Kumar
52	ADARSH KUMAR JAISWAL	230209120052	
53	JEEVAAN JAISWAL	230209120053	Jeevaan Jaiswal
54	SHASHIKALA KUMARI	230209120054	Shashikala Kumari
55	SATISH PANDA	230209120055	
56	MINTU KUMAR	230209120056	
57	MOHIT KUMAR	230209120057	
58	PRIYANSHU KUMAR	230209120059	
59	LINGALA VENKATA PRUDHIV	230209120060	Lingala Venkata Prudhiv
60	NAJIR ALAM	230209120062	Najir Alam



61	ANIKET KUMAR	230209120063	
62	JAMI GAGAN	230209120064	
63	HANUMANTU GAGAN	230209120065	H. Gagan
64	SIMHADRI LEEPIKA	230209120066	S. Reepika
65	HONY KUMARI	230209120067	
66	GANTA PALLAVI	230209120068	G. Pallavi



## **A REPORT ON ORIENTATION ON TOEFL AND GRE**

An orientation programme on TOEFL and GRE was organised on 9<sup>th</sup> April 2024 at the New Auditorium, catering to individuals aspiring for higher education abroad and intending to take the TOEFL and GRE exams.



A total of 290 students from various disciplines like Engineering, Agriculture, B.Tech Agriculture and Management attended the awareness and counselling session. The event was graced by the presence of the Vice Chancellor, Dr. Supriya Pattanayak, Registrar. Dr. Anita

Patra and Director Administration, Dr. Durga Padhy. Students were motivated by the faculty of the Department of English and members of the career development cell.

Mr. Manish Goyal, the Resource Person from ETS Global, provided an overview of exam patterns, recent updates and additional resources. Mr. Goyal introduced the TOEFL Sampler, meticulously crafted to mirror the real TOEFL iBT test experience. This sampler covered sections on Reading, Listening, Speaking, and Writing. The Reading section comprised a single passage with 10 questions to be completed in 17 minutes. For the Listening section, participants engaged with one audio clip accompanied by 5 questions, with a time allotment of 7 minutes. The Speaking section featured an independent speaking task with 4 sample responses, each to be completed within a minute. Lastly, the Writing section involved a 10-minute task titled "Writing for an academic discussion." The sampler aimed to familiarize test-takers with the TOEFL iBT test format, providing insights into various question types, expected fluency and coherence in speaking responses and effective expression of opinions in writing.



Image.1. Manish Goyal, Resource Person addressing the students

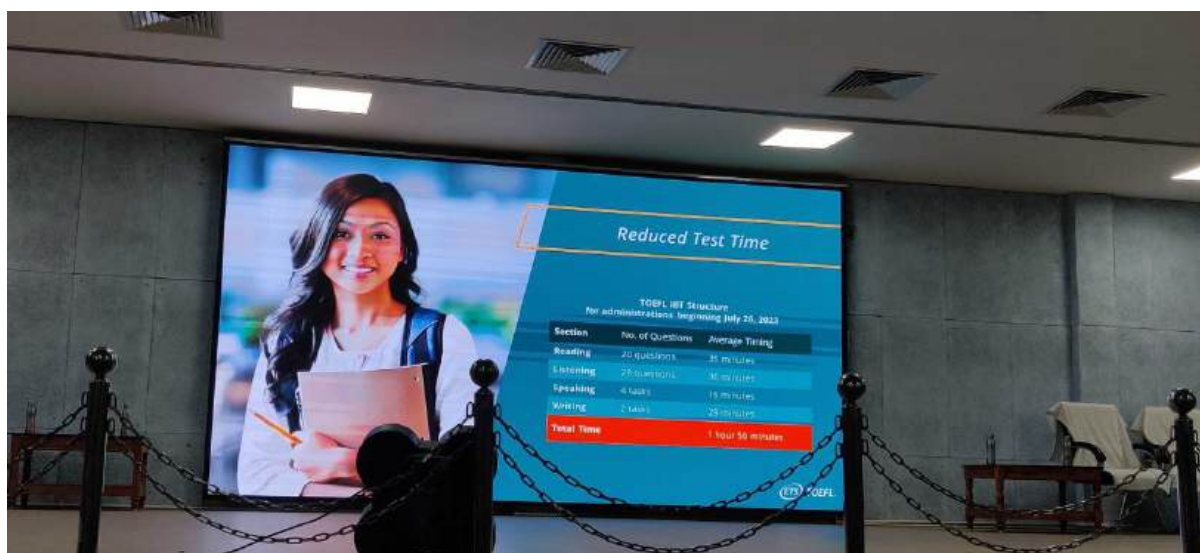


Image 2. Discussion on Exam Pattern



Image 3. Students from various disciplines





Image 4. MoU Signing with ETS@I to support students with learning materials & guidance

The session announced the master class schedule for May 2024, covering topics such as GRE Vocab Made Easy, Reading Comprehension, A Roadmap to GRE Sentence Equivalence, A Roadmap to GRE Text Completion and A Roadmap to GRE Analytical Writing Assessment. Participants were encouraged to utilize these resources to enhance their exam preparation efforts. The session concluded with an emphasis on making the most of the provided resources to shape their academic journey effectively.

Dr.Prajna Pani

Training Head for Placements

Convenor



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*

*Empowering Communities...*

## Regional Seminar on Commodity Derivatives

### Event Details:

**Date:** 29th August 2023

**Time:** 03:00 PM

**Venue:** Auditorium, Centurion University of Technology and Management (CUTM),  
Paralakhemundi, Gajapati, Odisha

**Organized By:** School of Management, CUTM, in collaboration with MCX

Number of Participants: 126

### Speakers:

1. **Mr. Arunava Chattopadhyay** – Representative from MCX
2. **Mr. Sudhansu Sekhar Seth** – Manager, SEBI

### Introduction:

The School of Management, in collaboration with the Multi Commodity Exchange (MCX) and the Securities and Exchange Board of India (SEBI), organized a regional seminar on **Commodity Derivatives** on 29/08/2023. This seminar aimed to educate and inform participants about the significance, mechanisms, and opportunities of commodity derivatives in financial markets. Dr. Subhramaya Nayak, the esteemed faculty coordinator, orchestrated the event with precision, ensuring a fruitful learning experience for all participants. The keynote address was delivered by Arunav Chattopadhyay, a seasoned expert from the Multi Commodity Exchange (MCX), who brought extensive knowledge and insights into the discussion.

The seminar on commodity proved to be a resounding success, thanks to Dr Anita Patra, Registrar CUTM for her support and guidance. Participants left the seminar equipped with a nuanced understanding of commodity derivatives trading, poised to apply their newfound knowledge in both academic and professional pursuits.

### Key Outcomes :

The seminar focused on the following key points:

1. **Understanding Commodity Derivatives:** Basics of how commodity derivatives operate in the market.
2. **Role of SEBI and MCX:** Insights into their regulatory and operational functions.
3. **Opportunities in Commodity Trading:** Potential benefits for traders and investors.

4. **Challenges and Risk Management:** How to mitigate risks associated with commodity derivatives.

br



Brochure of the Event



Guests of the Event





Resource Person from MCX



Resource Person from SEBI





## **Conclusion**

The event witnessed active participation from faculty, students, and stakeholders from the finance and trading sectors. It provided a platform for knowledge sharing and skill enhancement, empowering participants to explore the potential of commodity derivatives in today's dynamic market.

## **A Talk on Education for Being Responsible SDG Professionals**

**Date-** January 27, 2024

**Time-** 3:30 PM to 4:30 PM

**Resource Person-** Ms. Jen Dollin

**Number of Participants-**

### **Description-**

The School of Management organized a talk on "Education for Being Responsible SDG Professionals" on January 27, 2024, from 3:30 PM to 4:30 PM. The talk aimed to enlighten students about the importance of Sustainable Development Goals (SDGs) in shaping their professional careers. Ms. Jen Dollin, the Director of Sustainability and External Partnership at Western Sydney University, served as the resource person for the event. The audience comprised students pursuing a Bachelor of Business Administration (BBA) and Bachelor of Science in Agriculture (BSc Agriculture).

### **Objective-**

The primary objective of the talk was to educate students about the significance of SDGs in addressing contemporary global challenges, including ecological, economic, social, and geopolitical crises. The talk aimed to emphasize the role of interdisciplinary knowledge, holistic thinking, and effective communication in fostering sustainability.

### **Outcome:**

During the talk, Ms. Jen Dollin highlighted the multifaceted challenges faced by sustainability professionals in the modern era. She underscored the necessity for synthesizing diverse disciplinary knowledge, embracing uncertainty, developing systemic thinking capabilities, and fostering meaningful communication with stakeholders. Moreover, Ms. Dollin provided insights into the sustainability challenges prevalent in Western Sydney University's region, including urbanization, biodiversity loss, and multiculturalism.

Furthermore, Ms. Dollin presented the Impact Ranking of SDGs in 2023, which prioritized goals such as Gender Equality, Responsible Consumption and Production, and Partnership for the Goals. This ranking shed light on the most pressing global sustainability issues and underscored the importance of concerted efforts towards achieving these goals.

The interactive session at the end of the talk provided students with an opportunity to clarify their doubts and deepen their understanding of the discussed topics. The engagement of

students, coupled with Ms. Dollin's expertise, enriched the learning experience and stimulated critical thinking among participants.

### **Conclusion-**

In conclusion, the talk on "Education for Being Responsible SDG Professionals" served as a platform for students to gain valuable insights into the complexities of sustainable development and the pivotal role of SDGs in addressing contemporary global challenges. Ms. Jen Dollin's expertise and engaging presentation style contributed to a meaningful exchange of ideas and knowledge dissemination. The event underscored the importance of interdisciplinary education, holistic thinking, and effective communication in nurturing responsible SDG professionals poised to tackle the complexities of the modern world. The School of Management expresses its gratitude to Ms. Dollin for her valuable contribution, and Ms. Swarupa Rani Deo of the 6th Semester, B.Sc. Agriculture student, delivered a vote of thanks, concluding the event on a positive note.



**A TALK ON EDUCATION FOR  
BEING RESPONSIBLE SDG  
PROFESSIONALS**

**Ms. Jen Dollin**  
Director Sustainability & External Partnership  
Western Sydney University

27 January 2024, 3.30pm-4.30pm  
MBA Seminar Hall, School of Management  
Paralakhemundi Campus

**Talk Flyer**



**Ms. Jen during the session on 27<sup>th</sup> January, 2024**



**Student interaction with the resource person on 27<sup>th</sup> January, 2024**





**Students doubt clearing during the session on 27<sup>th</sup> January, 2024**



**Ms. Swarupa Rani Deo while delivering vote of thanks**

Anita Palea  
REGISTRAR



Pragna Pani  
CONVENOR



## **A Report on**

### **Cogitate: The Art of Critical Thinking**

**Date-** 6th of April, 2024

**Time-** 11:00 A.M.

**No. of Participants-** 62

#### **Overview-**

"Cogitate: The Art of Critical Thinking" was an enriching one-day workshop held on April 6th, 2024, at the Auditorium of Centurion University at Paralakhemundi Campus. It was organized by the School of Management in collaboration with JC Kumarappa Technology Park and Innovation Centre and the Research Centre for EduTech & SkillsTech, the workshop aimed to enhance critical thinking skills and foster creativity among its participants. Attended by 62 individuals from various backgrounds, the workshop offered a rich environment for learning and interaction.

#### **Objectives-**

The primary objective of Cogitate 2024 was to provide participants with tools and techniques to enhance their critical thinking and creativity skills. The workshop aimed to:

- Sharpen problem-solving and decision-making abilities.
- Overcome creative blocks and enhance innovative thinking.
- Equip participants with practical skills in digital tools and creative expression.
- Foster an understanding of complex narrative techniques in storytelling and other media.
- Encourage the practical application of learned skills in professional and personal settings.

#### **Highlights of the Workshop-**

The workshop featured four sessions, each designed to tackle different facets of critical thinking and creativity:

- Techniques to Sharpen Critical Thinking- Participants explored methods to improve problem-solving and decision-making through interactive exercises.

- **Overcoming Creative Blocks-** Attendees learned strategies to navigate through creativity barriers, unlocking new potential.
- **Innovative Problem Solving-** The session on "Thinking Out of the Box" encouraged innovative approaches to common challenges.
- **Storytelling and Communication-** Experts provided insights into effective communication through the art of narrative.
- **Practical Digital Tool Use-** Hands-on activities with digital tools aimed at boosting technical and creative skills.
- **Art and Sketching Workshops-** These included storyboarding, comics making, and anime sketching led by industry professionals.
- **Short Performances and Discussions-** These fostered a dynamic environment for expressing and debating ideas.

**Resource Person for each session are as follows-**

- **Session 1: Mr. Harsho Mohan Chatteraj:** Led the comics-making workshop, imparting his extensive experience in graphic novels.
- **Session 2: Dr. Atanu Deb:** Guided participants through storytelling, leveraging his background in film and narrative.
- **Session 3: Dr. Preetha Bhadra:** Combined dance and creative arts in critical performance acts.
- **Session 4: Mr. Sambhav Barik:** Offered insights into AR and VR technologies, enhancing digital interactive experiences.



**Mr. Harsho Mohan Chatteraj**



**Dr. Atanu Deb**



**Dr. Preetha Bhadra**

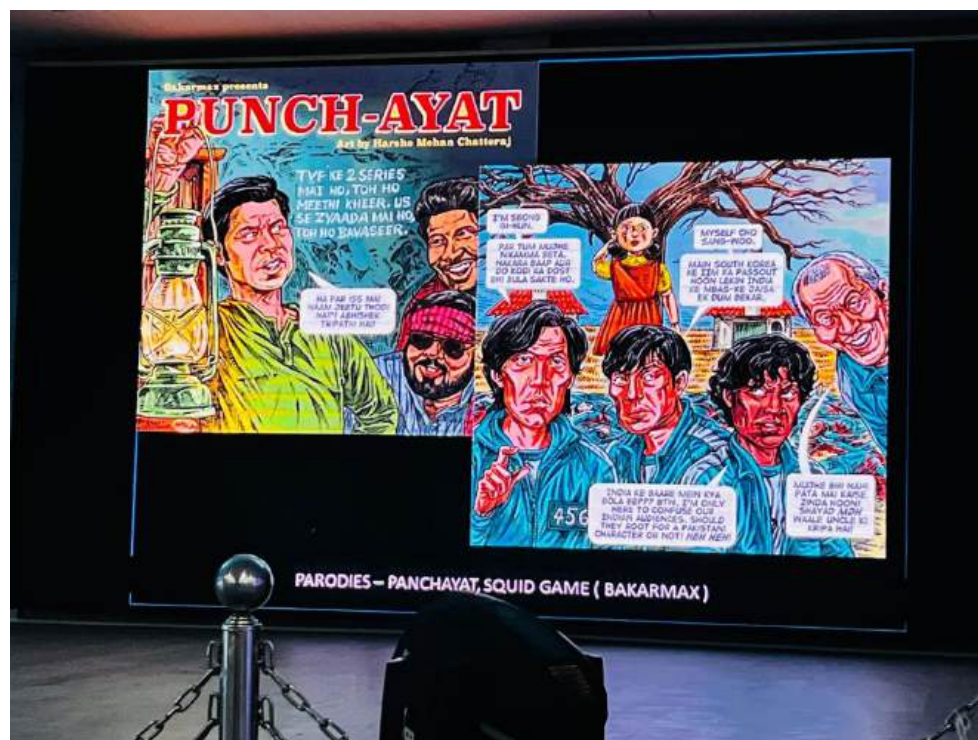


**Mr. Sambhav Barik**

## Learning Outcomes-

- By the end of the workshop, participants were able to:
  - Apply critical thinking skills in varied real-world scenarios.
  - Utilize creative strategies to solve complex problems.
  - Communicate more effectively through structured storytelling.
  - Utilize new digital tools and creative techniques in professional and personal projects.

## Glimpses of the Workshop-



During session 1 of the workshop on 6<sup>th</sup> of April, 2024





Resource Person reviewing learners interest and boosting critical thinking on 6<sup>th</sup> of April, 2024



**Learners with their certificates after the workshop on 6<sup>th</sup> of April, 2024**

### **Conclusion-**

Cogitate 2024 successfully met its objectives, providing participants with valuable skills and insights in critical thinking and creativity. The blend of theoretical knowledge and practical application facilitated not only skill enhancement but also significant networking opportunities, laying a foundation for future creative endeavors and professional growth.

Attendance Sheet			
COGITATE: THE ART OF CRITICAL THINKING			
Date: 06.04.24		Time: 11:00 A.M.	
Sl. No.	Name	Registration Number	Year
1	Ripsa Jena	220804130098	2nd YEAR
2	Alisha sahu	220804130111	2nd YEAR
3	Srimayee Padhi	220804130095	2nd YEAR
4	Anubhav Behuria	220804130090	2nd YEAR
5	Dikkala. Devayani	220804130100	2nd YEAR
6	Kiranmai Guntamukkala	220804130112	2nd YEAR
7	Pragyan Priyadarshini Patel	220804130082	2nd YEAR
8	Chandra Saisree	220804130086	2nd YEAR
9	Satish Panda	230209120055	1st YEAR
10	Bidyut Prabha Dalai	220804130078	2nd YEAR
11	M.Yeshitha	230804130181	1st YEAR
12	Oungu Karthik	230804130142	1st YEAR
13	Kintada.Priyanka	230804130032	1st YEAR
14	ChittaRanjan jenna	230804130052	1st YEAR
15	Potrakanda.Sai Charan	230804130118	1st YEAR
16	Sk Mohammad Junaid Ahamed	230804130047	1st YEAR
17	Sai Nalini Panda	230101120152	1st YEAR
18	Purushottam Reddy Karri	230804130154	1st YEAR
19	Gagan	230804130187	1st YEAR
20	K.Rama Krishna	230804130039	1st YEAR
21	KURMAI MANOJ KUMAR REDDY	230804130135	1st YEAR
22	M Hema vardhan	240804130091	1st YEAR
23	Borigi Shreeka	230101120153	1st YEAR
24	Sk Abidul Firoze	230804130046	1st YEAR
25	G venkat srinivas rao	230804130057	1st YEAR
26	P. Karthik	230804130034	1st YEAR
27	Kagitapalli Mohana Rao	230804130077	1st YEAR
28	Bosi Rajesh	210101120101	3rd YEAR
29	Bhumika Borigi	210101120067	3rd YEAR
30	A.Poorna sampath	230804130129	1st YEAR

31	A sai krishna	230804130001	1st YEAR
32	A.karthek	230804130099	1st YEAR
33	KURAMANA SAI PRATHYUSHA	210804130157	3rd YEAR
34	CHIPURU.SAI RATNA	230804130075	1st YEAR
35	J.Saranya	220804130048	2nd YEAR
36	Mudavath Balaji nayak	230804130143	1st YEAR
37	P.Revanth	230804130219	1st YEAR
38	Lolla Abhiram	230804130197	1st YEAR
39	P. Lavanya	230101120125	1st YEAR
40	KONDALA KALYANRAM	230101120134	1st YEAR
41	RAMU YARLANKI	230101120127	1st YEAR
42	Pratik Roy	210101121261	3rd YEAR
43	Hanumantu Jagan	230209120065	1st YEAR
44	Rajeev kumar	230209120016	1st YEAR
45	Gurani prasad	230804130117	1st YEAR
46	Gara Sowmya	230804130095	1st YEAR
47	Tarra ujwal	230804130081	1st YEAR
48	Karanam Dhathri	230101120136	1st YEAR
49	Yabuji premik	230804130203	1st YEAR
50	Bailupati Lalu	230805220006	1st YEAR
51	Karicharla Sakesh naidu	200804130058	4th YEAR
52	Padigapati Praveen Kumar Reddy	200804130226	4th YEAR
53	Swetaparna Mishra	220804230034	2nd YEAR
54	Pratyasha Sethy	220804230006	2nd YEAR
55	Jeevan Kumar	220101120018	2nd YEAR
56	V. Nimshi	200804130298	4th YEAR
57	Akhila Badava	230805220001	1st YEAR
58	Isai naveen	230101120135	1st YEAR
59	ISHA SATAPATHY	200804130082	4th YEAR
60	Kunal Kumar Singh	213001320005	3rd YEAR
61	Abhishek Kumar	213001320011	3rd YEAR
62	B K Prince Raj	213001320001	3rd YEAR

Anita Patra  
REGISTRAR



Prajna Pani  
CONVENOR





## **A Report on**

# **IMPACT OF DYNAMIC CAPABILITY ON FIRM PERFORMANCE**

**Date-** 3rd of April, 2024

**Time-** 4:30 P.M.

### **Overview-**

A seminar talk was organized by the School of Management, Paralakhemundi Campus on date 03.04.2024, aiming at research insights providing knowledge on research advancements. The faculties from School of Management (SoM) attended the seminar aimed at enhancing research knowledge and fostering creativity

### **Objectives-**

The primary objective of the seminar talk was to provide participants with the concept of sharing research information on a specific topic.. The workshop aimed to:

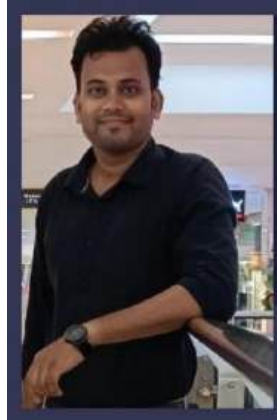
- i. To inform faculties about recent advancements, trends, or research findings in a particular area.
- II. To share valuable information, insights, or research findings on a specific topic.
- III. To educate about a particular subject, concept, or methodology, potentially providing them with new perspectives or enhancing their understanding.

### **Highlights of the seminar talk-**

The workshop featured the following insights about dynamic capability:

- Dynamic capabilities enable organizations to adapt to changing market conditions, technologies, and customer preferences. This involves being flexible and responsive to new opportunities and threats.
- They involve the integration of various organizational resources, including people, processes, technologies, and knowledge, to create value and sustain competitive advantage.
- Dynamic capabilities are closely linked to a learning orientation within the organization. This means fostering a culture of continuous learning, experimentation, and knowledge sharing to stay ahead of the curve.
- Organizations with strong dynamic capabilities are able to continuously renew themselves by reinventing their strategies, business models, and processes. This involves challenging the status quo and embracing change as a constant.
- Dynamic capabilities involve effective resource allocation, ensuring that resources are deployed in ways that maximize their impact and enable the organization to seize new opportunities or address emerging challenges.

### **Resource Person for session –**



**Mr. Sushil Kumar Pradhan**

### **Glimpses of the Seminar talk-**



### **Conclusion-**

The research seminar has shed light on the critical role of dynamic capabilities in organizational adaptation and competitive advantage. The seminar highlighted the multifaceted nature of dynamic capabilities, emphasizing their importance in strategic decision-making, organizational learning, and innovation. Overall, the seminar underscored the critical importance of dynamic capabilities for organizational success and provided valuable insights for academics, practitioners, and policymakers alike.

## **Workshop on Strategic Insights: Tally ERP for Business Success**

**Date-** January 20, 2024

**Time-** 2:30 PM to 4:30 PM

**Resource Person-** Mr Debraj Grahacharya

**Number of Participants-** 45

### **Description-**

School of Management organized a Workshop on Strategic Insights: Tally ERP for Business Success for the Management students on 20.01.2024 at the MBA Seminar Hall. This program was successfully conducted by the participation of 45 students of BBA program. In this program, Mr. Debraj Grahacharya, Accounts Head, CUTM, Paralakhemundi, discussed the basics of Tally and the role of tally in a business. He also gave some examples, and the students did some practicals on tally software. The students actively participated in the workshop and got hands-on experience with tally software.

Flyer of the Event:



The flyer features a photograph of a man and a woman in business attire looking at a tablet. The text on the flyer includes the Centurion University logo, the title 'Strategic Insights Tally ERP For Business Success For Students', the resource person's name and title, a call to action to join for a digital certificate, and the date and venue of the event.

**Strategic Insights  
Tally ERP For  
Business Success  
For Students**

Mr. Debraj Grahacharya  
Finance Manager  
CUTM, Paralakhemundi

**Join for digital certificate**

Date - 20/01/2024  
Venue : MBA Seminar Hall



Photos of the Event:







# Attendance of the Event:

Centurion University of Technology and Management School of Management ,Paralakhemundi Campus Workshop -BBA 6th Sem (2021-2024)			
Topic-	Strategic Insights:Tally ERP For Business Success		
Resource Person : Mr.Debraj Grahacharya			
Date-	20.01.2024	Time :-	02:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	ANKITA PALO	210209120001	
2	SIBA KUMAR PARIDA	210209120002	
3	N RAVI KUMAR	210209120003	
4	PAVAN POLLAI	210209120004	Pavan Pollai
5	PYDISETTY KARISHMA	210209120005	
6	PODILAPU ESWARI	210209120006	P. Eswari
7	POTHURAJU PRAVEEN	210209120007	
8	ISAI URMILA	210209120008	
9	SNEHANJALI PADHI	210209120009	
10	AKASH KUMAR	210209120010	
11	PIDUGU YASWANTH	210209120011	
12	KILLAMSETTI PADMAVATHI	210209120012	
13	MADHABATTULA LEELAMADHAV	210209120013	
14	AJAY SAHU	210209120014	
15	NALLA SANDEEP	210209120016	
16	SOMI PATTANAIK	210209120017	
17	KUDDANA MANIKANTA	210209120018	
18	JOTIN PATNAIK	210209120019	Jyoti Patnaik
19	GOPINATH BASUPATI	210209120020	
20	SASHANAPURI VINAY KUMAR	210209120021	S. Vinay Kumar
21	AMIT KUMAR	210209120022	
22	GARUGU SRIKAXMI	210209120023	
23	PANKAJ KUMAR	210209120025	
24	SANDEEP BADAMUNDI	210209120026	
25	SOMASETTI UCHITHA	210209120027	
26	VALLA MANIKANTA	210209120028	
27	SASANAPURI MEGHANA	210209120029	
28	VISMITHA VOONA	210209120030	
29	NEHA KUMARI	210209120031	Neha Kumari
30	JAGNESWAR BISWAL	210209120032	Jagneswar Biswal
31	KRUSHNA CHANDRA BISWAL	210209120033	Krushna chandra Biswal
32	PETA SUPRIYA	210209120034	
33	PETA PUJITHA	210209120036	
34	Vikash Kumar	210209120037	
35	ATIF AKRAM	210209120039	

**School of Management ,Paralakhemundi Campus**

**Workshop -BBA 4th Sem (2022-2025)**

Topic-	Strategic Insights:Taily ERP For Business Success		
Resource Person :	Mr.Debraj Grahacharya		
Date-	20.01.2024	Time :-	02:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
2	MD Mozim	220209120001	md mozim
3	Ankit Kumar	220209120002	
4	Sudhir Kumar	220209120003	sudhir kumar
5	Shahnawaz Alam	220209120004	Shahnawaz Alam
6	Saket Raj	220209120005	Saket Raj
7	Summi Dwivedi	220209120006	Summi Dwivedi
8	Vishal Kumar	220209120007	Vishal k
9	Sumit Kumar	220209120008	Sumit kumar
10	Ankit Kumar Singh	220209120009	Ankit Singh
11	Sahil Saurav	220209120010	
12	Anup kumar Mandal	220209120011	
13	Shradha Sujata	220209120012	Shradha Sujata
14	DIBYANI KUMARI	220209120014	Dibyani Kumari
15	ANITA KUMARI	220209120015	Anita kumar
16	Ashok Paswan	220209120016	
17	MD SHAHID AFRIDI	220209120017	
18	TALABHAKTULA PRANITA	220209120018	T. Pranitha
19	Shashwat Dubey	220209120019	
20	Sachin Kumar	220209120020	Sachin kumar
21	Rohan Panigrahy	220209120021	Rohan Panigrahy
22	RUDRADEV PRADHAN	220209120022	Rudra dev pradhan
23	SRUTHI SOUMITA CHOUDHURY	220209120023	Sruthi Soumita Choudhury
24	PULLA SAI SHIRISHA	220209120024	P. Sai Shirisha
25	POTNURU AKASH	220209120025	P. Akash
26	SAI PRASAD SAHU	220209120026	Sai Prasad Sahu
27	KORADA YUVASRI	220209120027	K. Yuvasri
28	POOJA MAHARANA	220209120028	Pooja Maharana
29	VAMSHIDHAR DOLAI	220209120029	
30	IDDUMU DHARANI	220209120030	I. Dharani
31	KUPPILI PRIYANKA	220209120031	K. Priyanka
32	BALLA VAMSHI	220209120032	Vamsi
33	Gudla Likitha	220209120033	G. Likitha
34	MAJJI PRAVALLIKA	220209120034	M. pravallika
35	DASU LAXMIKANTH	220209120035	Laxmi Das
36	BEENA KISHORE	220209120036	B. Kishore



37	GUMPU NAVYA	220209120037	G. Navya
38	NANCY KUMARI	220209120038	Nancy Kumari
39	SUBHAM KUMAR SONI	220209120039	
40	PALAKPARI MANDAL	220209120040	
41	KAMMINANA SHANTI	220209120041	S. Shantini
42	PATOJU ANJALI	220209120042	P. Anjali
43	DUVVADA KUSUMANJALI	220209120043	
44	AKHILA BORADO	220209120044	Akhila
45	JAMI NIVEDITHA	220209120045	J. Niveditha
46	MOUNIKA VELAMALA	220209120046	V. Mounika
47	RAGHUPATRUNI CHARAN	220209120047	
48	ANAPANA RAVI	220209120048	Ravi
49	RUPLAL HANSDA	220209120049	
50	Taoaka Venugopal	220209120050	
51	Dokkara Auravindo	220209120051	Auravindo
52	Shikha Kumari	220209120052	Shikha Kumari
53	Rada Pallavi	220209120053	R. Pallavi
54	Challa Pujitha	220209120054	Ch. Pujitha

## **A Talk on Education for Being Responsible SDG Professionals**

**Date-** January 27, 2024

**Time-** 3:30 PM to 4:30 PM

**Resource Person-** Ms. Jen Dollin

**Number of Participants-**

### **Description-**

The School of Management organized a talk on "Education for Being Responsible SDG Professionals" on January 27, 2024, from 3:30 PM to 4:30 PM. The talk aimed to enlighten students about the importance of Sustainable Development Goals (SDGs) in shaping their professional careers. Ms. Jen Dollin, the Director of Sustainability and External Partnership at Western Sydney University, served as the resource person for the event. The audience comprised students pursuing a Bachelor of Business Administration (BBA) and Bachelor of Science in Agriculture (BSc Agriculture).

### **Objective-**

The primary objective of the talk was to educate students about the significance of SDGs in addressing contemporary global challenges, including ecological, economic, social, and geopolitical crises. The talk aimed to emphasize the role of interdisciplinary knowledge, holistic thinking, and effective communication in fostering sustainability.

### **Outcome:**

During the talk, Ms. Jen Dollin highlighted the multifaceted challenges faced by sustainability professionals in the modern era. She underscored the necessity for synthesizing diverse disciplinary knowledge, embracing uncertainty, developing systemic thinking capabilities, and fostering meaningful communication with stakeholders. Moreover, Ms. Dollin provided insights into the sustainability challenges prevalent in Western Sydney University's region, including urbanization, biodiversity loss, and multiculturalism.

Furthermore, Ms. Dollin presented the Impact Ranking of SDGs in 2023, which prioritized goals such as Gender Equality, Responsible Consumption and Production, and Partnership for the Goals. This ranking shed light on the most pressing global sustainability issues and underscored the importance of concerted efforts towards achieving these goals.

The interactive session at the end of the talk provided students with an opportunity to clarify their doubts and deepen their understanding of the discussed topics. The engagement of

students, coupled with Ms. Dollin's expertise, enriched the learning experience and stimulated critical thinking among participants.

### **Conclusion-**

In conclusion, the talk on "Education for Being Responsible SDG Professionals" served as a platform for students to gain valuable insights into the complexities of sustainable development and the pivotal role of SDGs in addressing contemporary global challenges. Ms. Jen Dollin's expertise and engaging presentation style contributed to a meaningful exchange of ideas and knowledge dissemination. The event underscored the importance of interdisciplinary education, holistic thinking, and effective communication in nurturing responsible SDG professionals poised to tackle the complexities of the modern world. The School of Management expresses its gratitude to Ms. Dollin for her valuable contribution, and Ms. Swarupa Rani Deo of the 6th Semester, B.Sc. Agriculture student, delivered a vote of thanks, concluding the event on a positive note.



**A TALK ON EDUCATION FOR  
BEING RESPONSIBLE SDG  
PROFESSIONALS**

**Ms. Jen Dollin**  
Director Sustainability & External Partnership  
Western Sydney University

27 January 2024, 3.30pm-4.30pm  
MBA Seminar Hall, School of Management  
Paralakhemundi Campus

**Talk Flyer**



**Ms. Jen during the session on 27<sup>th</sup> January, 2024**



**Student interaction with the resource person on 27<sup>th</sup> January, 2024**





**Students doubt clearing during the session on 27<sup>th</sup> January, 2024**



**Ms. Swarupa Rani Deo while delivering vote of thanks**

Anita Palea  
REGISTRAR



Pragna Pani  
CONVENOR

## **Industry Talk**

**Date-** January 31, 2024

**Time-** 2 PM to 3 PM

**Resource Person-** Mr. Ramchander Sundararajan

**Number of Participants-** 54

### **Description-**

A career talk was conducted by the School of Management Training and Placement cell on 31.01.2024 in Lecture hall 1, MBA Block. The program was conducted for management students to be aware of the recruitment process of different companies and their expectations of the candidates. Mr. Ramchander Sundararajan, HR Business Partner , ITC Ltd invited as resource person for the event. The resource person explained his career path and with real examples and give inputs to the students and guide them for their career. It was an interactive and informative session.

Flyer of the





Photos of the Event:





 GPS Map Camera



Rajaseetapuram, Odisha, India  
R45V+PCF, Rajaseetapuram, Odisha 761211, India  
Lat 18.809412°  
Long 84.143439°  
31/01/24 02:38 PM GMT +05:30





Attendance :

Centurion University of Technology and Management School of Management ,Paralakhemundi Campus			
Workshop -BBA 4th Sem (2022-2025)			
Topic-	Career Talk		
Resource Person : HRs - ITC Ltd.			
Date-	31.1.2024	Time :-	02:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	MD MAZIM	220209120001	md mazim
2	Sudhir Kumar	220209120003	Sudhir Kumar
3	Naincy kumari	220209120038	Naincy kumari
4	Sachin Kumar	220209120030	Sachin Kumar
5	Shahneel Singh	220209120004	Shahneel Singh
6	Md. Shahid Afridi	220209120017	Shahid Afridi
7	Subham Kumar soni	220209120039	Subham Kumar soni
8	Palak Puri Mandal	220209120040	Palak Puri Mandal
9	Shradha Singh	220209120012	Shradha Singh
10	P. Sai Shrishta	220209120024	P. Sai Shrishta
11	K. Pratyusha	220209120031	Pratyusha
12	J. Niveditha	220209120045	Niveditha
13	S. Shanthi	220209120041	S. Shanthi
14	V. Mounika	220209120046	Mounika
15	Shikha Kumari	220209120052	Shikha Kumari
16	Divyoni Kumari	220209120014	Divyoni Kumari
17	Anita Kumari	220209120015	Anita
18	P. Anjali	220209120042	Anjali
19	Pooja Katarincina	220209120028	Pooja
20	Sumit Kumar	220209120008	Sumit Kumar
21	Aniket M. Singh	220209120009	Aniket Singh
22	Sumi Desai	220209120006	Sumi Desai
23	Vishal Kumar	220209120007	Vishal Kumar
24	Shashwat Dubey	220209120008	Shashwat
25	Saket Roy	220209120005	Saket Roy
26	Anshu Kumar	220209120016	Anshu Kumar
27	J. Abhina	220209120030	Abhina
28	R. Pallavi	220209120053	Pallavi
29	Smriti Suman Choudhary	220209120023	Smriti Suman Choudhary
30	Talabhaktula Brahmika	220209120018	Talabhaktula Brahmika
31	Ch. Prithika	220209120054	Prithika
32	K. Yuvaraj	220209120027	Yuvaraj
33	D. Gunjanjati	220209120043	Gunjanjati
34	A. Ravi	220209120048	Ravi
35	Laxmi Kanti Das	220209120035	Laxmi Kanti Das
36	D. Anurag	220209120051	Anurag
37	B. Jyoti	220209120037	Jyoti
38	P. AKASH	220209120025	AKASH
39	B. Kishore	220209120036	Kishore



Workshop -BBA 6th Sem (2021-2024)

[illegible]

Centurion University of Technology and Management  
School of Management ,Paralakhemundi Campus

Workshop - BBA 6th Sem (2021-2024)

Topic-	Career Talk
--------	-------------

Resource Person : HRs - ITC Ltd.

Date-	31.1.2024
-------	-----------

Time :-

02:00PM

Sl.No	STUDENT NAME	REG:NO	SIGNATURE
-------	--------------	--------	-----------

①	Soumyajit Panda	220202140007	Arundhan
②	Sayam Barchapati	220202140009	Sayan
③	Kabhu Charan Patraik	220202140008	Kabhu
④	Renuka Chandra	220202140001	Renuka
⑤	Uma Chaudhary	220202140002	Uma
⑥	Sameera Samalla	220202140006	Sameera
⑦	Kavitha Patil	220202180010	Kavitha
⑧	Mr Satish Kumar	220202140005	Satish





## **School of Pharmacy, Centurion University of Technology and Management, Rayagada**

### **Guest Lecture on International and National Legislations and Guidelines on Animal Experimentation**

**Date:** 18th April 2024

**Organized by:** School of Pharmacy, Centurion University of Technology and Management, Rayagada

**Resource Person:** Dr. Nemani Harishankar, Scientist-E, ICMR National Institute of Nutrition, Hyderabad

The School of Pharmacy at Centurion University of Technology and Management, Rayagada, hosted a highly informative guest lecture on "International and National Legislations and Guidelines on Animal Experimentation" on 18th April 2024. The session aimed to educate students and faculty members about the ethical considerations, legal frameworks, and regulatory requirements governing the use of animals in scientific research. Dr. Nemani Harishankar, a distinguished Scientist-E from the ICMR National Institute of Nutrition, Hyderabad, served as the resource person for the event.

**Objective of the Lecture:** The primary objective of the guest lecture was to familiarize the audience with the international standards and specific regulations implemented in India regarding the ethical treatment and welfare of animals involved in experimentation. The session aimed to foster a deeper understanding of the moral and legal obligations associated with conducting research involving animal subjects, thereby promoting responsible and humane practices in scientific inquiry.

**Session Overview:** Dr. Nemani Harishankar commenced the lecture by providing an overview of the historical context and evolution of legislation and guidelines concerning animal experimentation globally. He emphasized the pivotal role played by organizations such as the World Health Organization (WHO), the International Council for Laboratory Animal Science (ICLAS), and the National Institutes of Health (NIH) in formulating ethical principles and best practices for the humane use of animals in research.

The lecture proceeded with a detailed discussion on the following key topics:

**International Guidelines:** Dr. Harishankar elucidated the principles outlined in internationally recognized documents such as the Declaration of Helsinki, the Guide for the Care and Use of Laboratory Animals, and the European Convention for the Protection of Vertebrate Animals Used for Experimental and Other Scientific Purposes. He highlighted the core principles of replacement, reduction, and refinement (the 3Rs) as guiding principles for ethical animal research.

**National Legislation:** The resource person provided insights into the legislative framework governing animal experimentation in India, focusing on the Prevention of Cruelty to Animals Act, 1960, and the subsequent amendments and guidelines issued by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA). He discussed the regulatory requirements for

obtaining ethical approval, ensuring animal welfare, and maintaining appropriate standards of housing, care, and experimentation.

**Ethical Considerations:** Dr. Harishankar underscored the importance of ethical decision-making in research involving animals, emphasizing the need for researchers to prioritize the welfare and dignity of experimental subjects. He discussed ethical dilemmas commonly encountered in animal experimentation and strategies for mitigating harm while maximizing scientific rigor.

**Compliance and Enforcement:** The lecture concluded with an overview of the mechanisms for compliance monitoring and enforcement of animal welfare regulations in India, including the role of institutional animal ethics committees (IAECs) and regulatory inspections conducted by CPCSEA.

**Q&A Session:** The lecture was followed by an engaging question-and-answer session, during which participants had the opportunity to seek clarification on various aspects of animal experimentation regulations, ethical dilemmas, and practical challenges in compliance.

### **Conclusion**

The guest lecture delivered by Dr. Nemani Harishankar proved to be immensely enlightening and thought-provoking, providing attendees with a comprehensive understanding of the legal, ethical, and regulatory landscape surrounding animal experimentation at both national and international levels. The session underscored the importance of upholding ethical standards and adopting responsible practices to ensure the welfare of laboratory animals and the integrity of scientific research.


The School of Pharmacy extends its heartfelt gratitude to Dr. Harishankar for sharing his expertise and insights, and to all participants for their active engagement in this crucial discourse on animal welfare and research ethics. The event has undoubtedly enriched the academic and ethical consciousness of the pharmacy community at Centurion University.





 **GPS Map Camera**

Guest Lecture on Animal Experimentation  
School of Pharmacy, Centurion University, Rayagada Campus, Odisha 765002  
Lat 19.136982°  
Long 83.413335°  
18/04/24 11:00 AM GMT +05:30

 **Google**





**Centurion**  
**UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahar, Rayagada

**Pithamahar, Rayagada**

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)**

**Time: 10.30 AM to 12.30 PM**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

[illegible]





**Centurion**  
UNIVERSITY  
Shaping Lives...  
Empowering Communities...

**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Venue : Auditorium, CUTM, Rayagada**  
**Campus(Hybrid Mode)**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

S.No	Regd. Number	Student Name	Signature
01	202616100057	Sweeta Bisoyi	Sweeta Bisoyi
2	202616100028	Lilima Sarkar	Lilima Sarkar
3	202616100049	Paiya Pradhan	Paiya Pradhan
4	202616100035	Anjali Patra	Anjali Patra
5	232616100052	Sony Singh Rawat	Sony Singh Rawat
6	202616100001	Anupama Jagat	Anupama Jagat
7	202616100046	Puja Sahu	Puja Sahu
8	202616100061	Yasoda Gouda	Yasoda Gouda
9	202616100038	Archana Bachel	Archana Bachel
10	202616100046	Nikky Singh	Nikky Singh
11	202616100013	S. Vaishnavi	S. Vaishnavi
12	202616100053	Runita Bag	Runita Bag
13	202616100024	Sangita Mishra	Sangita Mishra
14	232616100038	Pratyasha Mohanty	Pratyasha Mohanty
15	232616100010	Chinmayee Sahu	Chinmayee Sahu
16	232616100005	B. Santoshi Patra	B. Santoshi Patra
17	232616100028	Jyoti Mayee Sahu	Jyoti Mayee Sahu
18	232616100018	Deepali Sahu	Deepali Sahu



**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**

Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

[illegible]





**Centurion  
UNIVERSITY**  
Shaping Lives...  
Empowering Communities...

**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahall, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)**

**Time: 10.30 AM to 12.30 PM**

S.No	Regd. Number	Student Name	Signature
1)	232616100057	Reebham Ku. Nayak	Reebham Kumar Nayak
2)	232616100027	K. Ravi Teja	Ravi Teja
3)	232616100039	R. Bibhee Partha	R. Bibhee Partha
4)	232616100051	Shriram Maharana	Shriram Maharana
5)	232616100059	Omasisankar Behera	Omasisankar Behera
6)	202616100047	Prabhu Manoj	Prabhu Manoj
7)	202616100005	Sujan Ray	Sujan Ray
8)	202616100020	Shiraj Ray	Shiraj Ray
9)	202616100003	Souab Dal	Souab Dal
10)	202616100045	K. Vamsi	K. Vamsi
11)	202616100044	Jegdish Das	Jegdish Das
12)	202616100022	R. Varun Kumar	R. Varun Kumar
13)	202616100051	Rahul Seshankar	Rahul Seshankar
14)	202616100006	Simabir Nabin Kumar	S. Nabin Kumar
15)	202616100014	Abish Patra	Abish Patra
16)	202616100055	Subrat Sahoo	Subrat Sahoo
17)	202616100052	Rakesh Panda	Rakesh Panda
18)	202616100048	Pradyum Biswal	Pradyum Biswal







**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**

Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation"**

**Venue : Auditorium, CUTM, Rayagada**  
**Campus(Hybrid Mode)**

**Time: 10.30 AM to 12.30 PM**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

S.No	Regd. Number	Student Name	Signature
01	202616100026	Bikash Singh Rajput	B. Singh Rajput
02	202616100011	Biswajeet Behera	B. Behera
03	202616100015	Ronik Mohanty	R. Mohanty
04	202616100009	Dinesh Teli	D. Teli
05	202616100056	Suman Panda	Suman Panda
06	202616100023	Siddhant, Sibo Masad	Siddhant, Sibo Masad
07	202616101062	Yaida Tripathi	Yaida Tripathi
08	202616100043	Hrusikesho Panigrahi	H. Panigrahi
09	202616100007	Rudra Prasad Deo	R. Deo
10	202616101064	Socanya Romjam Panda	S. Panda
11	202616100042	Gurija Shankar Das	G. Das
12	232616100003	Amit Sahu	Amit Sahu
13	232616100041	Dhishon Dandena	D. Dandena
14	232616100029	Lokanath Dandasena	Lokanath Dandasena
15	232616100020	Denis Christfer sagas Nayak	Denis Christfer sagas Nayak
16	232616100056	Subham Pratap Ray	Subham Pratap Ray
17	232616100048	Santosh Kumar Acharya	Santosh Kumar Acharya
18	232616100032	Manab Maibid	Manab Maibid



**Pithamahar, Rayagada**

**Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

[illegible]





**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)**

**Time: 10.30 AM to 12.30 PM**

S.No	Regd. Number	Student Name	Signature
01.	202616100019	Nikhil pattnaik	Nikhil pattnaik
02	202616100050	P. Sai Koushik	P. Sai Koushik
03	202616100037	Anupam Boxi	Anupam Boxi
04	202616100059	Md Rizwar Ansari	Md Rizwar Ansari
05	202616100058	T. Divy Kumar .	T. Divy Kumar .
06	202616100040	Bibhu Prasad Nayak	Bibhu prasad Nayak
07	202616100062	Dr. Satish Kumar	Dr. Satish Kumar
08	202616100012	Bighnaraj Sahu .	Bighnaraj Sahu .
09	202616100039	Babu Sa	Babu Sa
10.	202616100028	Hemant Kumar Bage	Hemant Kumar Bage
11	202616100036	Anshuman Jena	Anshuman Jena
12	202616100021	Kengwa Vamsi	K. Vamsi
13	202616100018	BANSHIDHAR ROY	Banshidhar Roy
14	202616100032	Sandeep Behena	Sandeep Behena
15	232616100008	Bibhu Kishor Adhikari	Bibhu Kishor Adhikari
16	232616100046	Rudra Prasad Sahu	Rudra Prasad Sahu
17	282616100043	Rajesh Kumar Das	Rajesh
18	232616100040	Rakesh Senapati	Rakesh Senapati



**Pithamahar, Rayagada**

**Venue : Auditorium, CUTM, Rayagada Campus(Hybrid Mode)**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

[illegible]





Name of the Event	: FPO – A Boom or Torpidity to the Farmers - Webinar
Date of the event	: 29.06.2023 at 12.00 – 1.30 PM
Name of Co-ordinator	: Dr. Mehazabeen. A
Name of the Expert	: Dr. K.R. Sundaravaradarajan
No. of attendees	: 45
Mode of the workshop	: Online (Google meet)

Centurion University of Technology and Management, Odisha conducted a webinar on the topic **“FPO – A Boom or Torpidity to the Farmers”** on 29<sup>th</sup> January 2023. Around 45 participants including faculties and students attended. The expert discussed the status and preamble of Farmer Producer Organizations in overall India and the government initiatives. He also briefed with a comparative study between the successful FPO’s and failed FPO’s presented in different states of India and explained the key factors for the success and the reasons for failure also the challenges faced by FPO’s. The webinar was coordinated by Dr. Mehazabeen. A and supervised by Prof. Anil Kumar and Dr. P. Kalyan Chakravarthy. The webinar started with the introduction of an expert by Dr. Mehazabeen. A. After the preceding, the expert thanked the School of Management for this opportunity. He briefed about the differences between the producer companies and cooperative societies and the range of services provided and the benefits, cluster identification of FPO’s were also discussed. After the session, the participants interacted with the expert and the expert cleared all the doubts. Prof. Anil Kumar, ABM Coordinator, School of Management, presented the vote of thanks by expressing his gratitude to the speaker. He also thanked all the students and faculty present in the webinar from different institutions to make it an interactive session.





# CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

## School of Management Organizes



### Webinar on

## "FPO- A BOOM OR TORPIDITY TO FARMERS"

### RESOURCE PERSON



**DR.K.R.Sundaravaradarajan**  
DEAN, IART, NMVU

### Co-ordinators

**Dr. Mehazabeen.A**  
Assistant Professor, SOM  
CUTM-PKD

**Prof. Anil Kumar. J**  
Associate Dean, MSSSOA

Registration  
Fees:

**100₹**



**28<sup>th</sup>**

**JUNE 2023**



**11.00 AM**

**TO 12.00 PM**

Registration link

<https://forms.gle/iguf8VtAVwJsNGE8>



GOOGLE

MEET LINK:

<https://meet.google.com/hgr-cppi-uhy>







## List of Participants in the webinar:

SUNDARAVARADARAJAN is presenting

Contd..

- ❖ This gesture leads to the formation of SAHYADRI FPO
- ❖ India's largest grape producer
- ❖ India's first FPC with block chain technology
- ❖ India's first FPC to start incubation center for FPC

12:40 PM | hgr-cppi-uty

SUNDARAVARADARAJAN is presenting

LIST OF PRODUCTS

- ❖ Fresh fruits - Mango, Grapes, Banana, Pomegranate, Watermelon, Oranges, Papaya
- ❖ Vegetables - Onion, Cauliflower, Peas
- ❖ Jams
- ❖ Fruit drinks
- ❖ Frozen pulp
- ❖ Ketchup
- ❖ Processed food - Resins

12:40 PM | hgr-cppi-uty

What? Geo? Ser? FPO? Imbo? sampi? sampi? RAS? e.com? goop? Facit? Reou? CAU? Score? Mac? G. xlm? +

meet.google.com/hgr-cppi-uhy

SUNDARAVARADARAJAN is presenting

### LIST OF PRODUCTS

- ❖ Fresh fruits – Mango, Grapes, Banana, Pomegranate, Watermelon, Oranges, Papaya
- ❖ Vegetables – Onion, Cauliflower, Peas
- ❖ Jams
- ❖ Fruit drinks
- ❖ Frozen pulp
- ❖ Ketchup
- ❖ Processed food – Resins

Rebecca Nelson

SUNDARAVARADARAJAN Mohana Priya SUBHRAMAYA N... Parle Kalyan Ch... Guru Sarithan 32 others You

12:40 PM | hgr-cppi-uhy

33°C Partly sunny

Search

ENG IN 12:40 28-06-2023

What? Geo? Ser? FPO? Imbo? sampi? sampi? RAS? e.com? goop? Facit? Reou? CAU? Score? Mac? G. xlm? +

meet.google.com/hgr-cppi-uhy

SUNDARAVARADARAJAN is presenting

### LIST OF PRODUCTS

- ❖ Fresh fruits – Mango, Grapes, Banana, Pomegranate, Watermelon, Oranges, Papaya
- ❖ Vegetables – Onion, Cauliflower, Peas
- ❖ Jams
- ❖ Fruit drinks
- ❖ Frozen pulp
- ❖ Ketchup
- ❖ Processed food – Resins

Rebecca Nelson

SUNDARAVARADARAJAN Mohana Priya SUBHRAMAYA N... Parle Kalyan Ch... Guru Sarithan 32 others You

12:40 PM | hgr-cppi-uhy

33°C Partly sunny

Search

ENG IN 12:40 28-06-2023

People

Mute all Add people

- S Kameswar Rao
- SATHYAN ENTO
- SAYAN BACHASPATI
- Shelton Shalu
- Shreya Sripada
- sindhuje agni
- SOMULA SAMEERA RED...
- SOUMYAJIT PANDA
- SUBHRAMAYA NAYAK
- SUNDARAVARADARAJAN

meet.google.com/hgr-cppi-uhy

SUNDARAVARADARAJAN is presenting

### LIST OF PRODUCTS

- ❖ Fresh fruits – Mango, Grapes, Banana, Pomegranate, Watermelon, Oranges, Papaya
- ❖ Vegetables – Onion, Cauliflower, Peas
- ❖ Jams
- ❖ Fruit drinks
- ❖ Frozen pulp
- ❖ Ketchup
- ❖ Processed food – Resins

Rebecca Nelson

12:40 PM | hgr-cppi-uhy

13°C Partly sunny

Search

ENG IN 12:40 28-06-2023

People

Mute all Add people

- Shelton Shalu
- Shreya Sripada
- Sindhuja agri
- SOMULA SAMEERA RED...
- SOUMYAJIT PANDA
- SUBHRAMAYA NAYAK
- SUNDARAVARADARAJAN
- SUNDARAVARADARAJAN Presentation
- THOGATI RENUKA CHA...

SUNDARAVARA... Mohana Priya SUBHRAMAYA N... Parle Kalyan Ch... Guru Sarithan 32 others You

meet.google.com/hgr-cppi-uhy

SUNDARAVARADARAJAN is presenting

### Contd....

PARAMETER	COOPERATIVE SOCIETY	PRODUCER COMPANY
<b>Membership</b>	Individual and cooperatives	Any individual, group, association producer of goods or services.
<b>Share</b>	Non Tradable	Not tradable but transferable; limited to members at par value
<b>Profit sharing</b>	Limited dividends on shares	Commensurate with volume of business
<b>Voting rights</b>	One member, one vote but Government and Registrar of Cooperatives hold veto power	One member, one vote. Members not having transactions with the company cannot vote.
<b>Government control</b>	Highly patronized to the extent of interference	Minimal, limited to statutory requirements

Rebecca Nelson

12:21 PM | hgr-cppi-uhy

People

Mute all Add people

- SATHYAN ENTO
- SAYAN BACHASPATI
- Shelton Shalu
- Shreya Sripada
- SOMULA SAMEERA RED...
- SOUMYAJIT PANDA
- SUBHRAMAYA NAYAK
- SUNDARAVARADARAJAN
- SUNDARAVARADARAJAN Presentation
- THOGATI RENUKA CHA...
- Y. VEERA PRATAP

SUNDARAVARA... Mohana Priya SUBHRAMAYA N... Parle Kalyan Ch... Guru Sarithan 30 others You

## Expert Profile



Dr. K.R. Sundaravaradarajan has more than 36 years of experience in the Academic domain of Agribusiness Management and Natural Resource Economics and Research field with numerous accolades to the list of right from being a lecturer in Agricultural Economics and various Agril. Economics, Agri-Business Management related research papers and book publishments. He is the Dean of Institute of Agriculture Research and Technology, NMV University, Arupukottai, Tamil Nadu. He has written many articles on Agri. Economics, Entrepreneurship, Globalization, and many such led to 126 National and 21 International Publishments and special lectures delivered in France, Canada, Germany, and Sri Lanka, Belgium, Vietnam, Indonesia, and has handled projects like NABARD, SANEI, MICHIGAN STATE UNIVERSITY, USA, WHEREVER NEED etc.,





## **School of Pharmacy, Centurion University of Technology and Management, Rayagada**

### **Webinar on Formulation and Characterization of Liposomes**

**Date:** 13th April 2024

**Resource Person:** Mr. Girija Prasad Patro, Principal Scientist-II, FR&D, Eugia Pharma Specialities Limited, Hyderabad

The School of Pharmacy at Centurion University of Technology and Management, Rayagada, organized an insightful webinar on the topic "Formulation and Characterization of Liposomes" on 13th April 2024. The webinar was attended by students, faculty, and several external participants with a keen interest in the advancements of pharmaceutical technologies. Mr. Girija Prasad Patro, a renowned Principal Scientist-II from Eugia Pharma Specialities Limited, based in Hyderabad, led the session.

#### **Objective of the Webinar**

The primary objective of the webinar was to enlighten the participants on the latest methodologies and scientific advancements related to the formulation and characterization of liposomes, which are crucial in the delivery of pharmaceutical agents. The event aimed to bridge the gap between academic learning and industry practices, providing attendees with a comprehensive understanding of liposome technology's real-world applications and challenges.

#### **Session Overview**

Mr. Patro began the webinar with an introduction to liposomes, describing them as vesicular structures that can encapsulate active pharmaceutical ingredients, enhancing the delivery of drugs to targeted sites within the body. His presentation was divided into several segments, covering the following key points:

**Basics of Liposomes:** Overview of liposome structures, their composition, and the physical and chemical properties that influence their behavior in biological environments.

**Formulation Techniques:** Detailed discussion on various techniques for liposome formulation, including thin-film hydration, reverse-phase evaporation, and microfluidics-based approaches. Mr. Patro emphasized the importance of selecting the appropriate method based on the nature of the drug and the desired therapeutic effect.

Applications in Drug Delivery: Mr. Patro shared case studies and current research focusing on how liposomes are used to improve the efficacy and safety of drug delivery, particularly in the treatment of cancer and infectious diseases.

## Conclusion

This event has significantly contributed to the attendees' academic and professional growth and set a benchmark for future webinars at Centurion University.



**List of participants**

<b>SN</b>	<b>Name (Original Name)</b>	<b>Join Time</b>	<b>Leave Time</b>	<b>Duration (Minutes)</b>
1	DRx. Sony Lenka	04/13/2024 01:50:26 PM	04/13/2024 03:02:16 PM	72
2	Anshuman Panda	04/13/2024 01:50:32 PM	04/13/2024 03:45:33 PM	116
3	Chandra sekhar Patro	04/13/2024 01:50:37 PM	04/13/2024 01:57:14 PM	7
4	Alik Ladi	04/13/2024 01:50:43 PM	04/13/2024 03:45:33 PM	115
5	UMA SAI SAI SANKAR BEHERA	04/13/2024 01:50:43 PM	04/13/2024 01:58:23 PM	8
6	JOGENDRA KUMAR	04/13/2024 01:53:11 PM	04/13/2024 01:57:14 PM	5
7	Shyam Sundar Sahu	04/13/2024 01:55:43 PM	04/13/2024 03:45:33 PM	110
8	Girija	04/13/2024 01:56:26 PM	04/13/2024 03:45:24 PM	109
9	Dibya Ranjan Behera	04/13/2024 01:57:20 PM	04/13/2024 03:45:31 PM	109
10	Kamini Sethy	04/13/2024 01:57:44 PM	04/13/2024 03:05:13 PM	68
11	babita adhikary	04/13/2024 01:59:18 PM	04/13/2024 02:00:36 PM	2
12	JOGENDRA KUMAR	04/13/2024 02:00:08 PM	04/13/2024 03:45:33 PM	106
13	Sanghamitra Satapathy	04/13/2024 02:00:10 PM	04/13/2024 02:08:48 PM	9
14	Subham Panda	04/13/2024 02:00:13 PM	04/13/2024 02:22:50 PM	23
15	Bharatbhusan Sahu	04/13/2024 02:00:15 PM	04/13/2024 03:45:33 PM	106
16	Gopal Padhy	04/13/2024 02:00:24 PM	04/13/2024 02:19:12 PM	19
17	Sailaja Sahu	04/13/2024 02:00:30 PM	04/13/2024 02:49:11 PM	49
18	Haragouri Mishra	04/13/2024 02:00:45 PM	04/13/2024 02:04:49 PM	5
19	Sangita Ghosh (iPhone)	04/13/2024 02:00:46 PM	04/13/2024 03:45:23 PM	105
20	Md Rizwan Ansari	04/13/2024 02:00:46 PM	04/13/2024 03:33:19 PM	93
21	Deepak Gouda	04/13/2024 02:00:56 PM	04/13/2024 02:25:56 PM	25
22	Abhisek satapathy	04/13/2024 02:01:03 PM	04/13/2024 03:45:33 PM	105
23	babita adhikary	04/13/2024 02:01:08 PM	04/13/2024 02:10:32 PM	10
24	G.Shivani	04/13/2024 02:01:11 PM	04/13/2024 03:45:32 PM	105
25	sharmila das	04/13/2024 02:01:22 PM	04/13/2024 03:08:13 PM	67
26	KANHU CHARAN SAHU	04/13/2024 02:01:25 PM	04/13/2024 03:25:57 PM	85
27	Manasi Khadanga	04/13/2024 02:01:29 PM	04/13/2024 03:45:33 PM	105
28	Rohit Satapathy	04/13/2024 02:01:41 PM	04/13/2024 02:08:59 PM	8
29	PRACHITESH SWAIN	04/13/2024 02:01:43 PM	04/13/2024 02:34:47 PM	34
30	Srusthi Padhi	04/13/2024 02:01:45 PM	04/13/2024 03:35:19 PM	94
31	Chandra sekhar Patro	04/13/2024 02:01:46 PM	04/13/2024 02:03:31 PM	2
32	Bighnaraj Sahu	04/13/2024 02:01:48 PM	04/13/2024 03:45:33 PM	104
33	Biswajeet Behera	04/13/2024 02:02:35 PM	04/13/2024 02:42:58 PM	41
34	Bikash Singh Rajput	04/13/2024 02:02:39 PM	04/13/2024 02:15:59 PM	14
35	Rahul Sesankar	04/13/2024 02:02:40 PM	04/13/2024 02:11:08 PM	9
36	Rajat Kumar Prusty	04/13/2024 02:02:51 PM	04/13/2024 02:52:24 PM	50
37	Vamsi	04/13/2024 02:02:54 PM	04/13/2024 02:30:39 PM	28
38	Sweta Bisoyi	04/13/2024 02:03:06 PM	04/13/2024 02:18:28 PM	16
39	Dibya Singh	04/13/2024 02:03:20 PM	04/13/2024 02:04:50 PM	2
40	Ritik Ranjan Panda	04/13/2024 02:03:21 PM	04/13/2024 02:11:53 PM	9
41	Sandeep behera	04/13/2024 02:03:43 PM	04/13/2024 02:03:59 PM	1
42	Himansu bhusan Samal	04/13/2024 02:04:09 PM	04/13/2024 02:31:24 PM	28
43	Pranab Mandal	04/13/2024 02:04:12 PM	04/13/2024 02:13:32 PM	10
44	PRIYA PRADHAN	04/13/2024 02:04:22 PM	04/13/2024 02:42:56 PM	39
45	Himansu Sekhor Panda	04/13/2024 02:04:34 PM	04/13/2024 03:08:22 PM	64
46	Haragouri Mishra	04/13/2024 02:05:15 PM	04/13/2024 03:45:33 PM	101
47	Chaitanya naik	04/13/2024 02:05:50 PM	04/13/2024 03:44:12 PM	99

48	Xiaomi 2201117PI	04/13/2024 02:05:54 PM	04/13/2024 02:18:51 PM	13
49	Chinmaya Sahoo	04/13/2024 02:05:56 PM	04/13/2024 03:45:32 PM	100
50	Sagardeep Rana	04/13/2024 02:06:26 PM	04/13/2024 03:45:33 PM	100
51	Chandra Sekhar Patro	04/13/2024 02:06:56 PM	04/13/2024 02:09:03 PM	3
52	Alok Bishoyi	04/13/2024 02:07:01 PM	04/13/2024 02:13:26 PM	7
53	Chandra sekhar Patro	04/13/2024 02:07:04 PM	04/13/2024 02:11:05 PM	5
54	Subham Nayak	04/13/2024 02:07:18 PM	04/13/2024 02:57:08 PM	50
55	Soumya ranjan Parida	04/13/2024 02:07:23 PM	04/13/2024 02:08:09 PM	1
56	Girija Shankar Das	04/13/2024 02:08:05 PM	04/13/2024 03:05:32 PM	58
57	Debasish Padhi	04/13/2024 02:08:21 PM	04/13/2024 02:09:02 PM	1
58	Diptimayee sahoo	04/13/2024 02:08:33 PM	04/13/2024 03:44:54 PM	97
59	m tejeswari	04/13/2024 02:08:36 PM	04/13/2024 03:31:11 PM	83
60	Sanghamitra Satapathy	04/13/2024 02:08:49 PM	04/13/2024 03:45:33 PM	97
61	Sucharita Barik	04/13/2024 02:08:57 PM	04/13/2024 03:32:18 PM	84
62	Rickan Das	04/13/2024 02:08:59 PM	04/13/2024 02:11:35 PM	3
63	Mahesh kumar palai	04/13/2024 02:09:07 PM	04/13/2024 02:09:31 PM	1
64	Soumyashree Tripathy	04/13/2024 02:09:10 PM	04/13/2024 03:22:45 PM	74
65	SUJATA MAHATO	04/13/2024 02:09:14 PM	04/13/2024 03:12:28 PM	64
66	SUBHAM PRATAP RAY	04/13/2024 02:09:26 PM	04/13/2024 02:54:27 PM	46
67	G.likita	04/13/2024 02:09:39 PM	04/13/2024 03:13:27 PM	64
68	Debasish Padhi	04/13/2024 02:09:40 PM	04/13/2024 02:13:48 PM	5
69	Bikash Ranjan Tarafdar	04/13/2024 02:09:57 PM	04/13/2024 02:12:49 PM	3
70	Jagdish das	04/13/2024 02:10:09 PM	04/13/2024 03:45:33 PM	96
71	Ashish	04/13/2024 02:10:16 PM	04/13/2024 02:27:43 PM	18
72	Dr.Kirtimaya Mishra	04/13/2024 02:10:28 PM	04/13/2024 02:48:24 PM	38
73	Sandeep behera	04/13/2024 02:10:35 PM	04/13/2024 02:15:55 PM	6
74	Subrat Sahu	04/13/2024 02:10:40 PM	04/13/2024 02:13:35 PM	3
75	babita adhikary	04/13/2024 02:11:02 PM	04/13/2024 03:22:32 PM	72
76	Chandra Sekhar Patro	04/13/2024 02:11:09 PM	04/13/2024 02:18:36 PM	8
77	Archana Bacheli	04/13/2024 02:11:32 PM	04/13/2024 02:12:17 PM	1
78	Soumya ranjan Parida	04/13/2024 02:11:50 PM	04/13/2024 02:14:18 PM	3
79	Abinash Patra	04/13/2024 02:12:20 PM	04/13/2024 03:10:09 PM	58
80	Ritik Ranjan Panda	04/13/2024 02:12:23 PM	04/13/2024 03:45:20 PM	93
81	R. Varun kumar	04/13/2024 02:12:25 PM	04/13/2024 02:17:36 PM	6
82	Rakesh panda	04/13/2024 02:12:36 PM	04/13/2024 02:21:59 PM	10
83	Sunita	04/13/2024 02:12:58 PM	04/13/2024 02:15:12 PM	3
84	Donarani Bauri	04/13/2024 02:13:03 PM	04/13/2024 02:24:27 PM	12
85	Sourab Das	04/13/2024 02:13:35 PM	04/13/2024 02:47:43 PM	35
86	Rohit Satapathy	04/13/2024 02:13:38 PM	04/13/2024 02:16:15 PM	3
87	Yasoda Gouda	04/13/2024 02:13:59 PM	04/13/2024 02:14:13 PM	1
88	Roop Ranjan Rath	04/13/2024 02:14:15 PM	04/13/2024 03:07:45 PM	54
89	Dinesh Teli	04/13/2024 02:14:23 PM	04/13/2024 02:26:33 PM	13
90	Subrat kumar Sahu	04/13/2024 02:14:27 PM	04/13/2024 02:31:50 PM	18
91	Ipsita Patra	04/13/2024 02:14:33 PM	04/13/2024 03:34:23 PM	80
92	Nandan Kumar sahu	04/13/2024 02:15:35 PM	04/13/2024 02:17:49 PM	3
93	Shubhranshu	04/13/2024 02:15:48 PM	04/13/2024 02:19:45 PM	4
94	Kenguva Vamsi	04/13/2024 02:15:54 PM	04/13/2024 02:16:49 PM	1
95	Subham Panigrahi (Sonu)	04/13/2024 02:15:56 PM	04/13/2024 02:17:29 PM	2
96	iPhone	04/13/2024 02:16:09 PM	04/13/2024 02:29:19 PM	14
97	Rickan Jpc	04/13/2024 02:16:10 PM	04/13/2024 02:18:18 PM	3



98	Guruprasad Swain	04/13/2024 02:16:10 PM	04/13/2024 02:19:09 PM	3
99	Subham sahu	04/13/2024 02:16:25 PM	04/13/2024 02:18:08 PM	2
100	s siba prasad	04/13/2024 02:16:32 PM	04/13/2024 02:17:58 PM	2
101	Pedina Tarun Kumar	04/13/2024 02:16:35 PM	04/13/2024 02:52:58 PM	37
102	Prabeen mandal	04/13/2024 02:16:40 PM	04/13/2024 02:17:02 PM	1
103	Pranab Mandal	04/13/2024 02:17:06 PM	04/13/2024 02:56:52 PM	40
104	Hitesh Gouda	04/13/2024 02:17:10 PM	04/13/2024 02:17:34 PM	1
105	Dibyajyoti	04/13/2024 02:17:24 PM	04/13/2024 02:18:46 PM	2
106	Prabeen mandal	04/13/2024 02:17:29 PM	04/13/2024 03:17:07 PM	60
107	Simadri's iPhone	04/13/2024 02:17:48 PM	04/13/2024 02:51:36 PM	34
108	Chandra sekhar Patro	04/13/2024 02:17:56 PM	04/13/2024 03:45:33 PM	88
109	Rickan Das	04/13/2024 02:18:28 PM	04/13/2024 02:29:33 PM	12
110	Chandra Sekhar Patro	04/13/2024 02:18:38 PM	04/13/2024 02:19:36 PM	1
111	Gopal Padhy	04/13/2024 02:18:50 PM	04/13/2024 03:45:33 PM	87
112	Majhi Chandu	04/13/2024 02:19:11 PM	04/13/2024 02:20:30 PM	2
113	Jeevan Jyoti Jena	04/13/2024 02:19:18 PM	04/13/2024 03:45:33 PM	87
114	KOMMURU HARI KIRAN	04/13/2024 02:19:21 PM	04/13/2024 02:53:19 PM	34
115	Chandra Sekhar Patro	04/13/2024 02:19:37 PM	04/13/2024 02:26:44 PM	8
116	Satish Kumar	04/13/2024 02:19:49 PM	04/13/2024 02:41:35 PM	22
117	Tapan Sahoo	04/13/2024 02:19:51 PM	04/13/2024 02:22:59 PM	4
118	Dibyajyoti	04/13/2024 02:20:00 PM	04/13/2024 02:21:27 PM	2
119	Dhiraj Ray	04/13/2024 02:20:03 PM	04/13/2024 03:45:33 PM	86
120	Gnyanaranjan parida	04/13/2024 02:20:23 PM	04/13/2024 02:26:19 PM	6
121	Pratyush Biswal	04/13/2024 02:20:25 PM	04/13/2024 02:58:29 PM	39
122	Akash Sahu	04/13/2024 02:20:25 PM	04/13/2024 02:21:28 PM	2
123	Xiaomi 2201117PI	04/13/2024 02:21:19 PM	04/13/2024 03:45:33 PM	85
124	Satyajit Mishra	04/13/2024 02:21:24 PM	04/13/2024 02:22:14 PM	1
125	PHANIBHUSAN DAS	04/13/2024 02:21:26 PM	04/13/2024 02:22:20 PM	1
126	Jayshreemaa Biswal	04/13/2024 02:21:28 PM	04/13/2024 03:40:43 PM	80
127	JOGENDRA KUMAR YVV	04/13/2024 02:21:43 PM	04/13/2024 02:22:26 PM	1
128	Binayak Mishra	04/13/2024 02:22:06 PM	04/13/2024 03:00:16 PM	39
129	Soumya ranjan Parida	04/13/2024 02:22:25 PM	04/13/2024 02:23:50 PM	2
130	iPhone	04/13/2024 02:22:31 PM	04/13/2024 03:43:04 PM	81
131	Dibyajyoti	04/13/2024 02:22:38 PM	04/13/2024 03:02:57 PM	41
132	Subham Panda	04/13/2024 02:23:11 PM	04/13/2024 02:24:22 PM	2
133	Sumant Patra	04/13/2024 02:23:18 PM	04/13/2024 02:26:33 PM	4
134	Aradhana Panigrahi	04/13/2024 02:23:27 PM	04/13/2024 03:45:33 PM	83
135	Subham Panda	04/13/2024 02:24:35 PM	04/13/2024 02:26:59 PM	3
136	Budheswar ratnal	04/13/2024 02:24:45 PM	04/13/2024 02:38:29 PM	14
137	Nageswar Panda	04/13/2024 02:25:14 PM	04/13/2024 03:06:21 PM	42
138	Sandeep behera	04/13/2024 02:25:41 PM	04/13/2024 02:26:42 PM	2
139	Subham sahu	04/13/2024 02:26:08 PM	04/13/2024 02:28:09 PM	3
140	Durga Madaba Padhi	04/13/2024 02:26:12 PM	04/13/2024 02:40:08 PM	14
141	Samikshya naik	04/13/2024 02:26:15 PM	04/13/2024 02:35:22 PM	10
142	Debasish Padhi	04/13/2024 02:26:40 PM	04/13/2024 02:27:29 PM	1
143	Payal Panigrahi	04/13/2024 02:26:52 PM	04/13/2024 02:27:45 PM	1
144	Chandra Sekhar Patro	04/13/2024 02:27:06 PM	04/13/2024 02:29:58 PM	3
145	Binapani Barik	04/13/2024 02:27:24 PM	04/13/2024 03:38:32 PM	72
146	Sweta Bisoyi	04/13/2024 02:27:37 PM	04/13/2024 02:59:29 PM	32
147	Subham Panda	04/13/2024 02:27:48 PM	04/13/2024 02:39:54 PM	13

148	Pranati Hiyal	04/13/2024 02:27:55 PM	04/13/2024 02:34:35 PM	7
149	Ashish	04/13/2024 02:27:55 PM	04/13/2024 03:20:16 PM	53
150	UMA SAI SAI SANKAR BEHERA	04/13/2024 02:28:08 PM	04/13/2024 02:55:22 PM	28
151	Payal Panigrahi	04/13/2024 02:28:21 PM	04/13/2024 02:29:45 PM	2
152	Gangopadhyay Annanya	04/13/2024 02:28:21 PM	04/13/2024 02:53:50 PM	26
153	Prabin Swain	04/13/2024 02:28:29 PM	04/13/2024 03:23:43 PM	56
154	Subham sahu	04/13/2024 02:29:05 PM	04/13/2024 02:52:03 PM	23
155	Nilandri Gouda	04/13/2024 02:29:41 PM	04/13/2024 02:35:50 PM	7
156	Deepak Gouda	04/13/2024 02:30:00 PM	04/13/2024 02:35:00 PM	5
157	Debashis Dash (Samsung SM-A225	04/13/2024 02:31:11 PM	04/13/2024 02:43:44 PM	13
158	Himansu bhusan Samal	04/13/2024 02:31:37 PM	04/13/2024 03:45:24 PM	74
159	Payal Panigrahi	04/13/2024 02:31:44 PM	04/13/2024 02:32:03 PM	1
160	Moheswar Mohapatra	04/13/2024 02:31:49 PM	04/13/2024 02:32:09 PM	1
161	Nandan Kumar sahu	04/13/2024 02:32:34 PM	04/13/2024 02:33:28 PM	1
162	Subrat kumar Sahu	04/13/2024 02:32:42 PM	04/13/2024 02:34:52 PM	3
163	Debasruti Khadanga	04/13/2024 02:34:59 PM	04/13/2024 03:16:20 PM	42
164	Atish patra	04/13/2024 02:35:04 PM	04/13/2024 02:35:27 PM	1
165	Deepak Gouda	04/13/2024 02:35:28 PM	04/13/2024 03:45:33 PM	71
166	Subrat kumar Sahu	04/13/2024 02:36:58 PM	04/13/2024 02:37:29 PM	1
167	Lopamudra Choudhury	04/13/2024 02:37:04 PM	04/13/2024 02:37:35 PM	1
168	Budheswar ratnalu	04/13/2024 02:38:02 PM	04/13/2024 02:59:31 PM	22
169	Suprava	04/13/2024 02:38:08 PM	04/13/2024 02:39:33 PM	2
170	Lopamudra Choudhury	04/13/2024 02:38:15 PM	04/13/2024 02:39:07 PM	1
171	Hemant Kumar Bagh	04/13/2024 02:38:43 PM	04/13/2024 02:39:11 PM	1
172	Subham Panda	04/13/2024 02:40:00 PM	04/13/2024 02:41:37 PM	2
173	Naresh Naik	04/13/2024 02:41:06 PM	04/13/2024 02:47:34 PM	7
174	K Shyam Sundar Rao	04/13/2024 02:41:30 PM	04/13/2024 03:45:33 PM	65
175	Subham Panda	04/13/2024 02:43:03 PM	04/13/2024 02:52:46 PM	10
176	iPhone	04/13/2024 02:43:43 PM	04/13/2024 02:44:42 PM	1
177	iPhone	04/13/2024 02:44:55 PM	04/13/2024 02:45:09 PM	1
178	Lilima Sarkar	04/13/2024 02:46:41 PM	04/13/2024 02:46:44 PM	1
179	Lilima Sarkar	04/13/2024 02:48:32 PM	04/13/2024 02:49:20 PM	1
180	Lilima Sarkar	04/13/2024 02:48:51 PM	04/13/2024 02:50:15 PM	2
181	Sailaja Sahu	04/13/2024 02:49:51 PM	04/13/2024 03:45:01 PM	56
182	Rajat Kumar Prusty	04/13/2024 02:52:54 PM	04/13/2024 03:45:33 PM	53
183	Gangopadhyay Annanya	04/13/2024 02:55:05 PM	04/13/2024 03:03:52 PM	9
184	KOMMURU HARI KIRAN	04/13/2024 02:55:14 PM	04/13/2024 03:06:13 PM	11
185	Mamalisa	04/13/2024 02:55:23 PM	04/13/2024 03:25:56 PM	31
186	SUBHAM PRATAP RAY	04/13/2024 02:57:01 PM	04/13/2024 03:38:20 PM	42
187	Subham Panda	04/13/2024 03:03:19 PM	04/13/2024 03:45:33 PM	43
188	motorola moto g54 5G	04/13/2024 03:07:30 PM	04/13/2024 03:45:31 PM	39
189	T Dilip Kumar	04/13/2024 03:10:09 PM	04/13/2024 03:11:46 PM	2
190	Abinash Patra	04/13/2024 03:12:01 PM	04/13/2024 03:27:37 PM	16
191	Talasi Dilip kumar	04/13/2024 03:13:24 PM	04/13/2024 03:16:57 PM	4
192	Sumankumar Choudhary	04/13/2024 03:20:38 PM	04/13/2024 03:45:33 PM	25
193	babita adhikary	04/13/2024 03:24:11 PM	04/13/2024 03:45:25 PM	22
194	Roop Ranjan Rath	04/13/2024 03:24:42 PM	04/13/2024 03:25:02 PM	1
195	Md Rizwan Ansari	04/13/2024 03:33:10 PM	04/13/2024 03:45:33 PM	13
196	Binapani Barik	04/13/2024 03:38:42 PM	04/13/2024 03:39:01 PM	1
197	Binapani Barik	04/13/2024 03:39:30 PM	04/13/2024 03:42:51 PM	4

198	Deepak Gouda	04/13/2024 02:26:45 PM	04/13/2024 02:27:29 PM	1
199	Chandra Sekhar Patro	04/13/2024 02:30:28 PM	04/13/2024 02:30:50 PM	1



## **School of Pharmacy, Centurion University of Technology and Management, Rayagada**

### **Webinar on Eco-Friendly and Economic Applications of Solubilizing Properties of Safe and Economic Solids in Various Fields of Pharmacy**

**Date:** 19th April 2024

**Organized by:** School of Pharmacy, Centurion University of Technology and Management, Rayagada

**Resource Person:** Dr. R.K. Maheshwari, Ex-Professor and Head, Department of Pharmacy, SGSITS, Indore, Madhya Pradesh

On 19th April 2024, the School of Pharmacy at Centurion University of Technology and Management, Rayagada, organized an enlightening webinar focused on exploring the eco-friendly and economic applications of the solubilizing properties of safe and economic solids across various domains of pharmacy. Dr. R.K. Maheshwari, an eminent Ex-Professor and Head from the Department of Pharmacy at SGSITS, Indore, Madhya Pradesh, served as the esteemed resource person for the event.

**Objective of the Webinar:** The webinar aimed to elucidate the significance of utilizing safe and economical solid materials as solubilizing agents in pharmaceutical formulations. Dr. Maheshwari delved into the eco-friendly aspects of this approach while highlighting its economic viability. The session sought to broaden participants' perspectives on sustainable practices in pharmacy and their potential implications for research, development, and industrial applications.

**Session Overview:** Dr. R.K. Maheshwari commenced the webinar with an insightful overview of the solubilizing properties of various safe and economic solid materials commonly employed in pharmaceutical formulations. He elucidated the advantages of utilizing these solids, such as enhanced solubility, bioavailability, and stability of active pharmaceutical ingredients (APIs), while minimizing environmental impact and production costs.

The session encompassed the following key discussions:

**Types of Safe and Economic Solids:** Dr. Maheshwari elaborated on a range of solid materials, including cyclodextrins, lipid-based carriers, polymers, and natural excipients, known for their solubilizing properties and biocompatibility. He highlighted their diverse applications in drug delivery systems, such as oral, topical, and parenteral formulations.

**Eco-Friendly Formulation Strategies:** The resource person emphasized the importance of adopting eco-friendly formulation strategies to reduce the ecological footprint of pharmaceutical manufacturing processes. He discussed green chemistry principles and sustainable approaches for selecting, designing, and synthesizing solubilizing agents with minimal environmental impact.



**Economic Benefits:** Dr. Maheshwari elucidated the economic advantages associated with incorporating safe and economic solids into pharmaceutical formulations. He underscored their potential to lower production costs, optimize drug delivery systems, and improve the affordability of healthcare products, particularly in resource-constrained settings.

**Case Studies and Applications:** The webinar featured case studies and real-world examples illustrating the practical applications of solubilizing properties of safe and economic solids in diverse fields of pharmacy, including drug solubilization, stabilization, taste masking, and controlled release formulations.

**Q&A Session:** Following the presentation, an interactive question-and-answer session provided participants with the opportunity to seek clarification on specific topics, share insights, and engage in constructive discussions with Dr. Maheshwari.

**Conclusion:** The webinar concluded with a vote of thanks to Dr. R.K. Maheshwari for his invaluable contributions and expertise in elucidating the eco-friendly and economical applications of solubilizing properties of safe and economical solids in pharmacy. The event was highly informative, inspiring participants to explore innovative approaches towards sustainable pharmaceutical development.

The School of Pharmacy sincerely appreciates all participants for their active participation and enthusiastic engagement in this enlightening discourse. The webinar has undoubtedly enriched the knowledge and understanding of eco-friendly practices among the pharmacy community at Centurion University, paving the way for future advancements in sustainable pharmaceutical research and development.

The screenshot shows a presentation slide with a light blue background and a dark blue sidebar on the left. The sidebar contains a vertical list of dots. The main content area has a white background with red and black text. At the top right, there is a small video inset showing a man with a shaved head and a yellow shirt, who is Dr. Maheshwari. The slide is titled "ECOFRIENDLY LECTURE SERIES 01 (Youtube)" and "ECOFRIENDLY LECTURE SERIES 02 (Youtube)". The topics are listed as "TOPIC - Ecofriendly and economic uv spectrophotometric analysis of poorly water soluble drugs by application of hydrotropy, mixed hydrotropy and mixed solvency concept, without the involvement of organic solvents." and "TOPIC - Ecofriendly and economic titrimetric analysis of poorly water soluble drugs by application of hydrotropy, mixed hydrotropy and mixed solvency concept, without the involvement of organic solvents." The slide number "84" is in the bottom left corner. There are red "X" marks in the top right and bottom right corners of the slide.

84

REC

## Mixed Solvency Concept

### Parameter:2

- Blend: pH = 7.0
- Sodium benzoate – 5 % w/v
- Sodium caprylate – 5% w/v
- Sodium citrate – 5%w/v
- Poloxamer 407 – 5% w/v
- Water up to 100%

1.Frusemide solubility = 35 mg/ml in Blend (Water solubility less than 1 mg/ml)

2. Piroxicam solubility = 20 mg/ml in Blend (Water solubility less than 1 mg/ml)

63

RKM

[Stop sharing](#)

### List of Participants

15:30

64%

Close

#### Participants (41)

DR	Deepankar rath	🔴🔴
D	Dibya Ranjan Behera .	🔴🔴
G	G.likita	🔴🔴
H	Himansu Sekhor Panda	🔴🔴
I	iPhone	🔴🔴
IP	Ipsita Patra	🔴🔴
JK	JOGENDRA KUMAR	🔴🔴
KS	K Shyam Sundar Rao	🔴🔴
KS	Kamini Sethy	🔴🔴
MT	m tejeswari	🔴🔴
MR	Md Rizwan Ansari	🔴🔴
N	Nikky	🔴🔴
P	Pallishree	🔴🔴

Invite

15:30

65%

Close

#### Participants (41)

🔍 Search

G	Gopal (me)	🔴🔴
DR	Dr. R.K. Maheshwari (Host)	🎤🔴
	Abinash Patra	🔴🔴
BS	B sanjita	🔴🔴
BA	babita adhikary	🔴🔴
BS	Bharatbhusan Sahu	🔴🔴
	Bighnaraj Sahu	🔴🔴
B	Bikash Singh Rajput	🔴🔴
CU	Centurion University_Rgda	🔴🔴
CK	Chandan Brahma	🔴🔴
CS	Chandra sekhar Patro	🔴🔴
	Deepak Gouda	🔴🔴

Invite



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*

# Report on the Workshop on Branding

## Event Details:

**Date:** Friday, 25th August 2023

**Time:** 11:00 AM

**Venue:** Auditorium Hall, CUTM, Paralakhemundi, Odisha

**Target Audience:** Students of Management and other disciplines

Number of Participants: 120

## Resource Person

The workshop was conducted by **Prof. Govindarajan Srinivas**, Director at Vertical Limit Education. Prof. Srinivas is a seasoned expert in branding and marketing, bringing a wealth of experience to the session.

## Introduction

The School of Management at Centurion University of Technology and Management (CUTM), Paralakhemundi, organized a **Workshop on Branding**. This workshop aimed to educate students on the fundamentals and advanced strategies of branding, equipping them with the knowledge to create and manage impactful brands.

## Objectives

The key objectives of the workshop were:

1. To provide insights into the significance of branding in today's competitive environment.
2. To explore the elements that constitute a strong brand.
3. To share best practices for building and maintaining a brand identity.
4. To engage students in practical activities related to brand strategy development.

## Key Topics Covered

The workshop covered a variety of topics, including:

1. **Introduction to Branding:** Understanding the concept and purpose of branding.
2. **Brand Positioning:** Techniques for positioning a brand in the market.
3. **Building Brand Identity:** The role of logos, taglines, and brand stories.
4. **Consumer Perception:** How branding influences consumer behavior.
5. **Case Studies:** Real-world examples of successful and unsuccessful branding efforts.
6. **Interactive Exercises:** Hands-on tasks to create branding strategies.

## Highlights

- I. Prof. Srinivas shared industry insights and practical advice for students aspiring to enter the fields of marketing and brand management.
- II. The interactive nature of the session allowed participants to actively engage with the speaker, ask questions, and discuss their perspectives.
- III. Real-life examples of global and Indian brands were analyzed, providing a comprehensive understanding of branding strategies.

## Outcome

The workshop successfully:

- i. Enhanced students' understanding of branding concepts.
- ii. Encouraged creative thinking and problem-solving in branding scenarios.
- iii. Equipped participants with practical tools to approach branding challenges effectively.

## Feedback

The workshop received positive feedback from attendees, who appreciated the depth of content and the engaging delivery by Prof. Srinivas. Students expressed interest in attending similar sessions in the future to further develop their skills.

## Conclusion

The Workshop on Branding was a valuable learning experience for students, aligning with the university's goal of empowering communities through education. The event underscored the importance of branding in modern business and motivated participants to delve deeper into the subject.







Speaker delivering his talk



Audience of the Event





Speaker of the Event



**Centurion  
UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)



## WORKSHOP

### **Career Opportunities in Development Banks**

Name of the event	Workshop on Career Opportunities in Development Banks
Date of the event	17-02-2024
Venue of the event	Seminar Hall, CRC-II, Centurion University of Technology and Management, R Sitapur, Gajapati District, Odisha
Name of Coordinator	Mr. J Anil Kumar, Associate Dean, MS Swaminathan School of Agriculture Mr. A Satyanarayana, Student, MBA (ABM), School of Management
No. of attendees	45
Mode	In-person (offline)



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

**Agri Business Club's**

## **Workshop on Career Opportunities in Development Banks**



**Speaker**  
**Mr. Pratik Panda**  
AGM-NABARD  
Gajapati

**Faculty Coordinator-**  
Mr. J Anil Kumar.

**Student Coordinator-**  
Mr. A Satyanarayana  
ABM-Ist Year



**Venue**  
Auditorium  
**Date and time:**  
Feb 17, 2024  
10:00 AM - 11.00 AM

Register here/scan the QR: <http://surl.li/qmzjo>



## **Introduction**

An offline workshop titled “Career Opportunities in Development Banks” was organized in the Seminar Hall of CRC-II, Centurion University of Technology and Management (CUTM), R Sitapur, Gajapati District, Odisha on the 17<sup>th</sup> of February 2024, by Mr. J Anil Kumar, Associate Dean- MS Swaminathan School of Agriculture and Mr. A Satyanarayana, Student of MBA (Agribusiness Management)-1<sup>st</sup> Year in School of Management, CUTM. The workshop was attended by 45 participants, comprising students and faculty members.

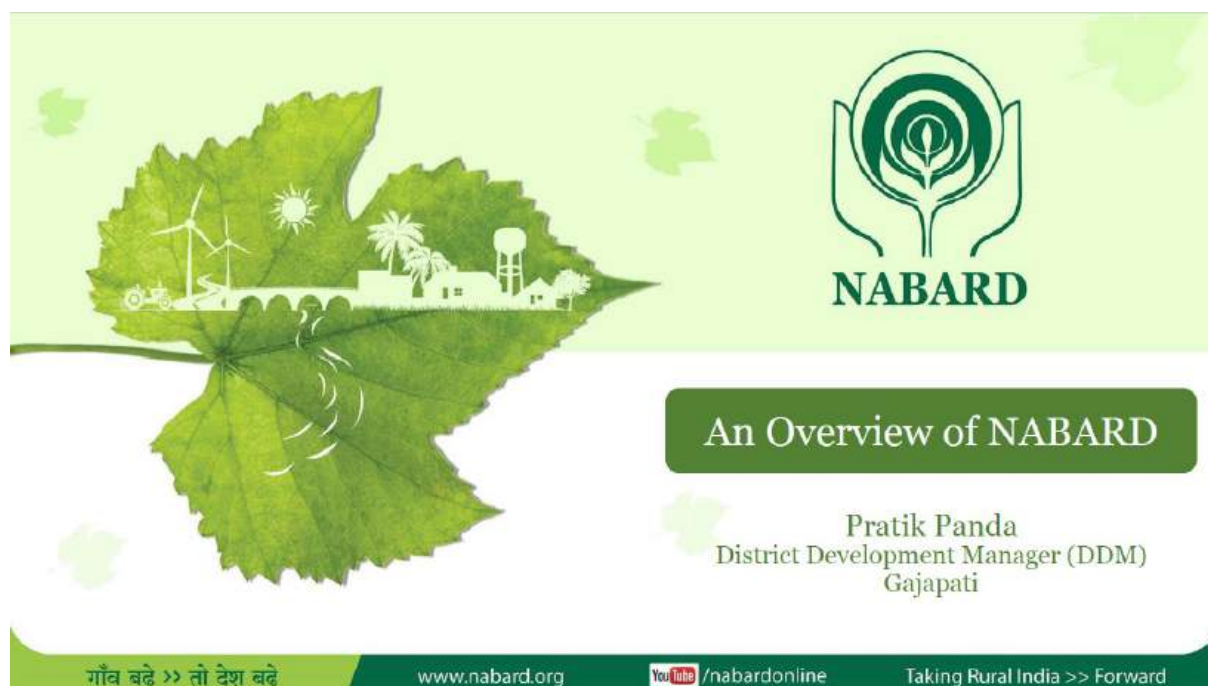


## Keynote

The workshop began with an inaugural address by Mr. J Anil Kumar, Associate Dean, MS Swaminathan School of Agriculture and Coordinator- MBA (ABM), School of Management who introduced the guest speaker- Mr. Pratik Panda, Assistant General Manager and District Development Manager of National Bank for Agriculture and Rural Development Bank (NABARD), Gajapati District, Odisha to the participants. At the outset, Mr. Pratik provided an overview of NABARD.

## Activities and Interaction

The workshop was highly interactive, with the participants engaging in a detailed discussion on the focus and action areas of the NABARD. Mr. Pratik spoke at length about the genesis, mandate, governance, and HR of NABARD. The speaker also highlighted the key functions and the subsidiaries of the bank. He deliberated on the goals and objectives of each of the subsidiaries like NABCONS, NABFINS, NABKISAN, NABSAMRUDDHI, NABVENTURES, NAB FOUNDATION and NABSANKARSHAN. Mr. Pratik facilitated an interactive session, by practical tips and strategies on preparing for Jobs in Development Banks like NABARD, and Reserve Bank of India. He also provided insights into the roles and responsibilities of a District Development Manager in NABARD and growth prospects in NABARD.



Participants asked the speaker about the question pattern and selection procedure for Grade A Officers for Agriculture in NABARD. Mr. Pratik also briefed the students about the preparation, technical expertise and skills required to qualify in the written and subsequent levels.



## Learning Outcomes

The workshop provided participants with an invaluable learning experience. They were able to gain insights into the functions of various development banks, job opportunities, work culture, growth prospects and skills required to thrive and excel in the Public Sector Undertaking (PSU) banking space. The hands-on activities were particularly beneficial, as they provided participants with practical tools and strategies that they can apply in their own lives and careers.

## Conclusion

The workshop on "Career Opportunities in Development Banks" was a great success, and it achieved its intended purpose of providing participants with an understanding of the development banking space in terms of employment opportunities, level of preparation required, roles and responsibilities, career enhancement prospects.

The real time exposure was particularly valuable, as the speaker provided the participants with practical tips and preparation strategies that they can deploy to embark upon an illustrious career in NABARD. We look forward to organizing similar workshops in the future and we believe that events like these are essential to orient, guide and groom the aspiring and young students into successful PSU banking professionals.

## Highlights of the Event





**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*

# Report on Workshop on Distribution Landscape

## Event Details

**Date:** Saturday, 26th August 2023

**Time:** 11:00 AM

**Venue:** MBA Seminar Hall, CUTM, Paralakhemundi, Odisha

**Participants:** Faculty members from various disciplines

Number of Participants: 45

## Resource Person

The session was conducted by **Prof. Govindarajan Srinivas**, Director at Vertical Limit Education. Prof. Srinivas is a highly respected figure in the field of education and business strategy, known for his expertise in distribution systems.

## Introduction

The School of Management at Centurion University of Technology and Management (CUTM), Paralakhemundi, organized a **Workshop on Distribution Landscape**. The workshop aimed to provide faculty members with comprehensive insights into distribution systems and strategies, fostering a deeper understanding of the subject.

## Objectives

The primary objectives of the workshop were:

- i. To provide an overview of the current distribution landscape in business.
- ii. To explore the challenges and opportunities in distribution systems.
- iii. To discuss innovative approaches to distribution management.
- iv. To enhance the understanding of faculty members for teaching and research purposes.

## Key Topics Covered

The workshop delved into the following topics:

- a) **Introduction to Distribution Systems:** Understanding the role and importance of distribution in business.
- b) **Trends in Distribution Management:** Emerging trends and technologies in the field.
- c) **Challenges in Distribution:** Addressing bottlenecks and inefficiencies in the supply chain.
- d) **Case Studies:** Analysis of successful distribution strategies from leading organizations.
- e) **Interactive Session:** Participants engaged in discussions and shared their experiences related to distribution management.

## Highlights

- ❖ Prof. Srinivas shared practical insights and case studies, making the session highly engaging and relevant.
- ❖ The interactive format allowed participants to discuss real-world challenges and explore collaborative solutions.
- ❖ Innovative ideas for improving distribution networks were discussed, emphasizing sustainability and efficiency.

## Outcome

The workshop achieved the following outcomes:

- Improved understanding of modern distribution strategies among faculty members.
- Enhanced capacity for incorporating real-world distribution concepts into teaching and research.
- Increased awareness of technological advancements and their applications in distribution.

## Feedback

The workshop received positive feedback from participants, who appreciated the resource person's expertise and the session's relevance to contemporary business challenges. Faculty members expressed interest in participating in future workshops on related topics.

## Conclusion

The Workshop on Distribution Landscape was a significant step toward enriching the knowledge and skills of faculty members. It underscored Centurion University's commitment to fostering academic excellence and staying abreast of industry trends.



Brochure of the event





Audience





Keynote Speaker delivering his talk

## **Workshop on Strategic Insights: Tally ERP for Business Success**

**Date-** January 20, 2024

**Time-** 2:30 PM to 4:30 PM

**Resource Person-** Mr Debraj Grahacharya

**Number of Participants-** 45

### **Description-**

School of Management organized a Workshop on Strategic Insights: Tally ERP for Business Success for the Management students on 20.01.2024 at the MBA Seminar Hall. This program was successfully conducted by the participation of 45 students of BBA program. In this program, Mr. Debraj Grahacharya, Accounts Head, CUTM, Paralakhemundi, discussed the basics of Tally and the role of tally in a business. He also gave some examples, and the students did some practicals on tally software. The students actively participated in the workshop and got hands-on experience with tally software.

Flyer of the Event:



The flyer features a photograph of a man and a woman in business attire looking at a tablet. The text on the flyer includes the Centurion University logo, the title 'Strategic Insights Tally ERP For Business Success For Students', the resource person's name and title, a call to action to join for a digital certificate, and the date and venue of the event.

**Strategic Insights  
Tally ERP For  
Business Success  
For Students**

**Mr. Debraj Grahacharya**  
Finance Manager  
CUTM, Paralakhemundi

**Join for digital certificate**

*Date - 20/01/2024  
Venue : MBA Seminar Hall*

Photos of the Event:









# Attendance of the Event:

Centurion University of Technology and Management School of Management ,Paralakhemundi Campus Workshop -BBA 6th Sem (2021-2024)			
Topic-	Strategic Insights:Tally ERP For Business Success		
Resource Person : Mr.Debraj Grahacharya			
Date-	20.01.2024	Time :-	02:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
1	ANKITA PALO	210209120001	
2	SIBA KUMAR PARIDA	210209120002	
3	N RAVI KUMAR	210209120003	
4	PAVAN POLLAI	210209120004	Pavan Pollai
5	PYDISETTY KARISHMA	210209120005	
6	PODILAPU ESWARI	210209120006	P. Eswari
7	POTHURAJU PRAVEEN	210209120007	
8	ISAI URMILA	210209120008	
9	SNEHANJALI PADHI	210209120009	
10	AKASH KUMAR	210209120010	
11	PIDUGU YASWANTH	210209120011	
12	KILLAMSETTI PADMAVATHI	210209120012	
13	MADHABATTULA LEELAMADHAV	210209120013	
14	AJAY SAHU	210209120014	
15	NALLA SANDEEP	210209120016	
16	SOMI PATTANAIK	210209120017	
17	KUDDANA MANIKANTA	210209120018	
18	JOTIN PATNAIK	210209120019	Jyoti Patnaik
19	GOPINATH BASUPATI	210209120020	
20	SASHANAPURI VINAY KUMAR	210209120021	S. Vinay Kumar
21	AMIT KUMAR	210209120022	
22	GARUGU SRIKAXMI	210209120023	
23	PANKAJ KUMAR	210209120025	
24	SANDEEP BADAMUNDI	210209120026	
25	SOMASETTI UCHITHA	210209120027	
26	VALLA MANIKANTA	210209120028	
27	SASANAPURI MEGHANA	210209120029	
28	VISMITHA VOONA	210209120030	
29	NEHA KUMARI	210209120031	Neha Kumari
30	JAGNESWAR BISWAL	210209120032	Jagneswar Biswal
31	KRUSHNA CHANDRA BISWAL	210209120033	Krushna chandra Biswal
32	PETA SUPRIYA	210209120034	
33	PETA PUJITHA	210209120036	
34	Vikash Kumar	210209120037	
35	ATIF AKRAM	210209120039	

**School of Management ,Paralakhemundi Campus**

**Workshop -BBA 4th Sem (2022-2025)**

Topic-	Strategic Insights:Taily ERP For Business Success		
Resource Person :	Mr.Debraj Grahacharya		
Date-	20.01.2024	Time :-	02:30PM
Sl.No	STUDENT NAME	REG:NO	SIGNATURE
2	MD Mozim	220209120001	md mozim
3	Ankit Kumar	220209120002	
4	Sudhir Kumar	220209120003	sudhir kumar
5	Shahnawaz Alam	220209120004	Shahnawaz Alam
6	Saket Raj	220209120005	Saket Raj
7	Summi Dwivedi	220209120006	Summi Dwivedi
8	Vishal Kumar	220209120007	Vishal k
9	Sumit Kumar	220209120008	Sumit kumar
10	Ankit Kumar Singh	220209120009	Ankit Singh
11	Sahil Saurav	220209120010	
12	Anup kumar Mandal	220209120011	
13	Shradha Sujata	220209120012	Shradha Sujata
14	DIBYANI KUMARI	220209120014	Dibyani Kumari
15	ANITA KUMARI	220209120015	Anita kumar
16	Ashok Paswan	220209120016	
17	MD SHAHID AFRIDI	220209120017	
18	TALABHAKTULA PRANITA	220209120018	T. Pranitha
19	Shashwat Dubey	220209120019	
20	Sachin Kumar	220209120020	Sachin kumar
21	Rohan Panigrahy	220209120021	Rohan Panigrahy
22	RUDRADEV PRADHAN	220209120022	Rudra dev pradhan
23	SRUTHI SOUMITA CHOUDHURY	220209120023	Sruthi Soumita Choudhury
24	PULLA SAI SHIRISHA	220209120024	P. Sai Shirisha
25	POTNURU AKASH	220209120025	P. Akash
26	SAI PRASAD SAHU	220209120026	Sai Prasad Sahu
27	KORADA YUVASRI	220209120027	K. Yuvasri
28	POOJA MAHARANA	220209120028	Pooja Maharana
29	VAMSHIDHAR DOLAI	220209120029	
30	IDDUMU DHARANI	220209120030	I. Dharani
31	KUPPILI PRIYANKA	220209120031	K. Priyanka
32	BALLA VAMSHI	220209120032	Vamsi
33	Gudla Likitha	220209120033	G. Likitha
34	MAJJI PRAVALLIKA	220209120034	M. pravallika
35	DASU LAXMIKANTH	220209120035	Laxmi Das
36	BEENA KISHORE	220209120036	B. Kishore



37	GUMPU NAVYA	220209120037	G. Navya
38	NANCY KUMARI	220209120038	Nancy Kumari
39	SUBHAM KUMAR SONI	220209120039	
40	PALAKPARI MANDAL	220209120040	
41	KAMMINANA SHANTI	220209120041	S. Shanthi
42	PATOJU ANJALI	220209120042	P. Anjali
43	DUVVADA KUSUMANJALI	220209120043	
44	AKHILA BORADO	220209120044	Akhila
45	JAMI NIVEDITHA	220209120045	J. Niveditha
46	MOUNIKA VELAMALA	220209120046	V. Mounika
47	RAGHUPATRUNI CHARAN	220209120047	
48	ANAPANA RAVI	220209120048	Ravi
49	RUPLAL HANSDA	220209120049	
50	Taoaka Venugopal	220209120050	
51	Dokkara Auravindo	220209120051	Auravindo
52	Shikha Kumari	220209120052	Shikha Kumari
53	Rada Pallavi	220209120053	R. Pallavi
54	Challa Pujitha	220209120054	Ch. Pujitha

# SEMINAR REPORT



## **Alumni Talk for Career Counseling**

**Name of the activity:** Alumni talk that can help student with there professional future

**Outcomes:** Students are get to know about the job and opportunity given in the campus as well as regading the resposibility have to taken in the job.

### **Flow of the event**

#### **Details of Alumini :**

**Mr. Abishek Pradhan** ( Pursuing MBA in Dr.D. Y.Patil Buisness School,Pune)

**Miss.Miss Roni Bagarty** (Hospital Pharmacist UPHC ,Balangir)

**Duration of Activity:** Day 1: 1:00 p.m to 2:00 p.m

**Date:** 12th of April 2024

**No. of participants:**

No. of students present: 49

#### **Brief report of the activity:**

School of Pharmacy,CUTM, Bolangir organised an alumini talk on 12<sup>th</sup> April 2024. Mr. Abhishek Pradhan from B.Pharm(2018-2022) and Miss. Roni Bagrty D.Pharm(2020-2022) joined us and gave an intractine session regarding their joblife and experience in CUTM. Mr. Pradhan is now purshing MBA in Dr. D.Y. Patil bbusiness school, Pune. He also got the placement in Allied group od industry, Hyderabad with package of 8 lac/annum. Miss Roni Bagarty is working as an Hospital Pharmasist in UPHC, Sastri Nagar, Bolangir.

**Event coordinator:** Mr.Swarnajeet Tripathy, Assistant Professor, SoP

Mr.Biswajeet Acharya, Assistant Professor, SoP



**Photographs of the event with date and caption:**



**Centurion  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

## **Centurion University of Technology and Management , Balangir Campus**





**Miss Roni Bagarty**  
Hospital Pharmacist  
UPHC Shastri Nagar,  
Balangir



**Mr. Abishek Pradhan**  
Pursuing MBA in  
Dr.D.Y.Patil Buisness School, Pune

### **“ALUMNI CAREER COUNSELING TALK”**



**APRIL  
12**

Date:

12 April 2024



Time:

12.00-01.00



Venue:

Seminar Hall

## Photographs of the event:











## Attendance data:



Centurion University of Technology and Management  
Bolangir Campus, Odisha

### "ALUMNI MEET-2024"

Dt: - 12/04/2024

#### Attendance Sheet

Sl. No.	Registration Number	Signature
1	202516100051	Poojisha Hupad
2	212516100058	Tanishka Panigrahi
3	212516100052	Smruti Rekha Sahu
4	212516100002	Ashwatha Acharya
5	212516100063	Anukampa Sahoo
6	212516100032	Prasmita Mohanty
7	212516100022	Shishir Kumar
8	212516100012	Thyagarajan Reddy
9	212516100049	Sirsa Ghadai
10	212516100015	Barchanani Rathi
11	222516100067	Debanjali Mishra
12	222516100065	Chandray Kumar Sahoo
13	222516100049	Siddhanta S. Sahoo
14	222516100062	Debasmita Das
15	222516100011	Debanjali Sahoo
16	222516100013	Debanjali Sahoo
17	222516100017	Goutham Reddy
18	222516100016	Mohit Kumar Singh
19	222516100027	Mahesh Sahu
20	222516100005	Ankita Patel
21	222516100009	Rohit K. Sahu
22	222516100021	Pranav Kumar Mishra
23	222516100068	Pranav Reddy
24	222516100028	Aman Kumar Reddy
25	222516100004	Aman Kumar Reddy
26	222516100001	Ashwin K. Saha
27	222516100008	Ayaz Ali
28	212516100050	Pranav Das
29	212516100064	Tulasi Prasad Kumar
30	212516100059	Pranav Reddy
31	212516100046	Sandeep Das
32	212516100003	Anand Mishra
33	212516100024	Lalitha K. Sahu
34	212516100024	Nandana Panigrahi
35	212516100010	Amit K. Reddy
36	212516100025	Pranav Sahoo

17	212516100024	Lipika K. Saha
18	212516100019	Dipika Ranjan Das
19	212516100043	Sandeep Das
20	212516100051	Smriti Ranjan Das
21	222516100048	Shikha Nayak
22	222516100025	Pranav Saha
23	222516100019	Pranav Saha
24	222516100020	Jaganmohan Mahapatra
25	222516100031	Nayana Parida
26	212516100062	Adarsh Pradhan
27	212516100053	Srijan Pal
28	212516100044	Satyajit Nayak
29	212516100029	Anurag Sanyal
30		



## **EVENT REPORT**



### **Career Opportunity in Pharmacovigilance**

**Name of the activity:** Career opportunity for pharmacovigilance can help you with your professional future

**Outcomes:** Placement, career development how to find and apply job in the Pharmacovigilance by the students

#### **Flow of the even**

**Details of Resource Person:** Dr. Chinmaya Mahapatra(Director of CMPV, Consultancy, India)

**Duration of Activity:** 1:00 p.m to 2:00 p.m

**Date:**13th of April 2024

**No. of participants:**

No. of students present: 54

#### **Brief report of the activity:**

Guest Talk for Pharmacovigilance has been organised in School of Pharmacy, CUTM, Bolangir campus. 54 students attended the guest talk. In this scession Dr. Mahapatra describe about the career opportunities in pharmacovigilance and brief elaborate about the adverse drug rection and it's report center in India. Dr. Mahapatra intracted with the final year students motivated them and dicuss about the scope, oppertunites, and carrear in pharmacovigilance.

**Event coordinator:** Mr.Swarnajeet Tripathy, Assistant Professor, SoP

Photographs of the event with date and caption:



The poster features a blue and white geometric background. At the top left is the Centurion University logo. The main title 'CAREER OPPORTUNITY' is in large, bold, black letters. Below it, 'PHARMACOVIGILANCE' is written in large, bold, blue letters with a white outline. On the right, there is a portrait of Dr. Chinmaya Mahapatra. Below the portrait, his name and credentials are listed. At the bottom left, a calendar icon shows the date April 13th, with the time 12:00 - 13:00 and the location SEMINAR HALL, CUTM, BOLANGIR. At the bottom right, the text 'SCHOOL OF PHARMACY' is followed by 'Centurion University of Technology and Management' and 'Bolangir Campus, Odisha'.

**CAREER OPPORTUNITY**

**PHARMACOVIGILANCE**

**DR. CHINMAYA MAHAPATRA**  
DIRECTOR OF CMPV CONSULTANCY, INDIA  
LQPPV INTUVIGILANCE, UK  
LCPPV, BLOOM AGENT, AUSTRALIA

**SCHOOL OF PHARMACY**  
Centurion University of  
Technology and Management  
Bolangir Campus, Odisha

APRIL  
**13**  
12:00 - 13:00  
SEMINAR HALL,  
CUTM, BOLANGIR

Photographs of the event:





### Why Entrepreneurship Matters


#### Factory Intervention

- Improving Basic Products Quality
- Improving Exporting Process
- Global Standards

#### Solving Social Problems

- Addressing Unemployment
- Improving Income
- Enhancing Quality
- Increasing Export



 **GPS Map Camera**



Balangir, Odisha, India  
SOP,CUTM,BALANGIR  
Lat 20.681251°  
Long 83.475858°  
13/04/24 02:17 PM GMT +05:30







# Attendance data:



Centurion University of Technology and Management  
Bolangir Campus, Odisha

## "Career Opportunity in Pharmacovigilance"

Dt: - 13/04/2024

### Attendance Sheet

Sl. No.	Registration Number	Signature
1	212516100051	Paitisha Murd
2	212516100052	Tanishka Panigrahi
3	212516100052	Smriti Rekha Sahu
4	212516100002	Adyasha Behera
5	212516100063	Anukampa Sahoo
6	212516100032	paromita Mohanty
7	212516100022	Nishu Nanda
8	212516100057	Trupti Prasad
9	212516100049	Sirna Lakshmi
10	212516100015	Banshanani Rath
11	222516100057	Anshuman Mishra
12	212516100045	Satyam Kumar
13	212516100043	Sanatan Barua
14	212516100052	Smriti Ranjan Baral
15	212516100019	Dilpa Ranjan Das
16	212516100062	Adarsh Kumar Pradhan
17	212516100053	Sujal Ku Palo
18	212516100049	Satish Kumar
19	212516100034	Pratham Ku. Panda
20	212516100031	Nandini Ku Panda
21	222516100020	Jagaduram Mohapatra
22	222516100019	Himanshu Sahoo
23	222516100048	Shibasis Nayak
24	222516100025	Ripu Sahoo
25	212516100055	Pranavesh Rath
26	212516100012	Arjun Meher
27	212516100000	Rishabh Ku. Das
28	212516100039	Rupak Ranjan Behera
29	212516100036	Purnachandra Khand
30	212516100020	Nirvashi Mishra
31	212516100020	Dorabhan Mishra
32	212516100007	Apurva Patel
33	212516100007	Nikhil Kalai

37	212516100059	Pradyumn Kumar
38	212516100064	Soumitra Kumar
39	212516100056	Anshuman Das
40	212516100046	Leena Bandyopadhyay
41	212516100003	Pratyaksha Mishra
42	212516100022	Pradyumn Kumar
43	212516100029	Ripu Ku. Das
44	212516100019	Dilpa Ranjan Das
45	212516100043	Sanatan Barua
46	212516100052	Smriti Ranjan Baral
47	222516100048	Shibasis Nayak
48	222516100020	Jagaduram Mohapatra
49	222516100031	Nandini Ku. Panda
50	212516100062	Adarsh Pradhan
51	212516100053	Sujal Ku. Palo
52	212516100034	Pratham Panda
53	212516100049	Satish Kumar
54	212516100000	Anshuman Mishra
55	212516100039	Rupak Ranjan Behera





## **EXPERT TALK REPORT**



### **Theme: Entrepreneurship Awareness Program can help you with your professional future**

**Name of the activity:** Entrepreneurship Awareness Program

**Outcomes:** Career development in entrepreneurship for the students.

#### **Flow of the event**

**Details of Resource Person:** Dr. Chinmaya Mahapatra (Director, CMPV Consultancy, India)

**Date:** 13th of April 2024

**Duration of Activity:** Day 1:00 p.m to 2:00 p.m

**No. of participants:**

No. of students present: 55

#### **Brief report of the activity:**

School of Pharmacy, CUTM, Bolangir organised a seminar on “**Entrepreneurship Awareness Program**” on 13<sup>th</sup> April 2024. The invited guest Dr. Chinmaya Mahapatra, Director of CMPV consultancy, India was the resource person. He elaborated about the difference between the job life and an entrepreneur life. He well explained about the difficulty and risk you have to face in an entrepreneur life. He motivated students and helped them by clearing all the doubts.

**Event coordinator:** Mr. Swarnajeet Tripathy, Assistant Professor, SoP

Photographs of the event with date and caption:



Centurion  
UNIVERSITY  
*Shaping India,  
Empowering Communities*





**ENTREPRENEURSHIP  
AWARENESS PROGRAM**

**INVITED SPEAKER**  
**DR. CHINMAYA MAHAPATRA**  
DIRECTOR OF CMPV CONSULTANCY, INDIA  
LOPPV INTUVIGILANCE, UK  
LCPPV, BLOOM AGENT, AUSTRELIA



**11:00 - 12:00**  
SEMINAR HALL,  
CUTM, BOLANGIR

**SCHOOL OF PHARMACY**  
Centurion University of  
Technology and Management  
Bolangir Campus, Odisha

Photographs of the event:





Balangir, Odisha, India  
SOP,CUTM,BALANGIR  
Lat 20.681251°  
Long 83.475858°  
13/04/24 01:15 PM GMT +05:30

GPS Map Camera



Balangir, Odisha, India  
SOP,CUTM,BALANGIR  
Lat 20.681251°  
Long 83.475858°  
13/04/24 02:12 PM GMT +05:30

GPS Map Camera





## Attendance data:

UNIVERSITY  
Bolangir Campus, Odisha

Centurion University of Technology and Management  
Bolangir Campus, Odisha

### "ENTREPRENEURSHIP AWARENESS PROGRAM"

Dt: - 13/04/2024

#### Attendance Sheet

Sl. No.	Registration Number	Signature
1	202516100051	Pratisha Mund
2	212516100058	Tsushna Panigrahi
3	212516100052	Smriti Retha Sahu
4	212516100002	Aditya Behera
5	212516100063	Anukampa Sahoo
6	212516100032	parimita Mohanty
7	212516100022	Dishanka Nayak
8	212516100012	Trishnagan Reddy
9	212516100049	Sipra Choudai
10	212516100015	Parshvanari Rath
11	222516101069	Rajkumari Mishra
12	222516100050	Smriti Samal Pali
13	222516100055	Subhansita Rout
14	222516100034	Nikita Patel
15	222516100014	Spondita Mukherjee Mishra
16	222516100052	Geetika Singh
17	222516100061	Siddhi Joshi
18	222516100007	Anuska Prasadit
19	222516100037	Pratistha P. Sahoo
20	222516100030	Chaitanya Panigrahi
21	222516100036	Pratibha Panigrahi
22	232516100003	Aditya Jaisi
23	222516100035	U Prateek Mund
24	222516100058	Shrestha Kumar Sa
25	222516100007	Shreya Kumar Singh
26	222516100059	Swarna Prakash Sahu
27	222516100063	Smt. V. Prade
28	222516100019	Himanshu Mishra
29	222516100041	Pragathi Panda
30	222516100060	Tapas Ranjan Sahoo
31	222516100032	Neha Khandu

37	212516100050	Saurabh Bhat
38	212516100046	Alekhraj Mishra
39	212516100003	Narendra Pragnabi
40	212516100029	Arijit Ku. Reddy
41	212516100010	Lakshya Sahu
42	212516100024	Lakshya Sahu
43	212516100024	Lakshya Sahu
44	212516100019	Diksha Ranjan Das
45	212516100013	Lakshya Sahu
46	212516100051	Pranab Kumar Baral
47	212516100099	Shriharish Nayak
48	212516100028	Lakshya Sahu
49	212516100019	Lakshya Sahu
50	212516100020	Lakshya Sahu
51	212516100031	Natunish Baral
52	212516100062	Adarsh Ku Pradyum
53	212516100053	Lakshya Sahu
54	212516100054	Lakshya Sahu
55	212516100054	Lakshya Sahu

**Name of the activity: Expert talk on "Role of Clinical Pharmacy professionals in Intensive Care Units (ICU): A focus on Antimicrobial Resistance"**

**Outcomes:** Provide an in-depth knowledge regarding the strategy to combat anti-microbial resistance, optimization of clinical outcomes and minimize collateral damage by irrational use of antimicrobials.

**Flow of the event**

**Details of Resource Person: Dr. Raja Chakraverty**, ICMR Scientist C, Critical Care Medicine, Institute of Post-Graduate Medical Education & Research (IPGME&R), Kolkata.

**Duration of Activity:** 3:00 p.m to 4:30 p.m

**Date:** 6<sup>th</sup> April 2024

**No. of participants:** 85

**Brief report of the activity:**

An expert talk on “Role of Clinical Pharmacy professionals in Intensive Care Units (ICU): A focus on Antimicrobial Resistance” was held in the presence of Dr. Pradeep Sarangi, Regional Director, Balangir Campus and Dr. Prafulla Kumar Sahu, Principal SoP, Balangir Campus through online mode on 6<sup>th</sup> April 2024.

It was successfully organized by School of Pharmacy and Life Sciences, Centurion University of Technology and Management, Balangir Campus, Odisha. Resource person for the webinar was **Dr. Raja Chakraverty**, ICMR Scientist C, Critical Care Medicine, Institute of Post-Graduate Medical Education & Research (IPGME&R), Kolkata. Session was started by interacting with the students, drawing their doubts in the present topic and then progressed with a detailed session about anti-microbial drug resistance, ESCAPE pathogens, antibiograms and relation of anti-microbial resistance with covid-19 mortality. He further elaborates on the career perspective of pharmacy students as a clinical pharmacist professional. At last, he discussed about various novel targets to overcome anti-microbial resistance and the research going on in his lab in this regard.

**Event coordinator:** Dr. Roja Sahu and Mr. Rakesh Meher, SoP-CUTM, Balangir campus coordinated the event.



Photographs of the event with date and caption:



**EXPERT  
TALK** 



**ROLE OF CLINICAL  
PHARMACY PROFESSIONALS IN  
INTENSIVE CARE UNITS (ICU) :  
A FOCUS ON ANTIMICROBIAL  
RESISTANCE**

**REGISTER NOW** 

**APR 6 03:00 PM**

**DR. RAJA CHAKRAVERTY**  
ICMR SCIENTIST C,  
CRITICAL CARE MEDICINE,  
INSTITUTE OF POST-GRADUATE MEDICAL EDUCATION  
& RESEARCH (IPGME&R), KOLKATA

**SCHOOL OF PHARMACY**  
Centurion University of  
Technology and Management  
Bolangir Campus, Odisha



**Role of Clinical Pharmacy professionals in Intensive Care  
Units (ICU) : A focus on Antimicrobial Resistance**

**Raja Chakraverty Ph.D.**  
ICMR Scientist C, IPGME-SSKM Hospital.  
Former Scientist C (Non Medical), ICMR-NICED, Kolkata



## The Background

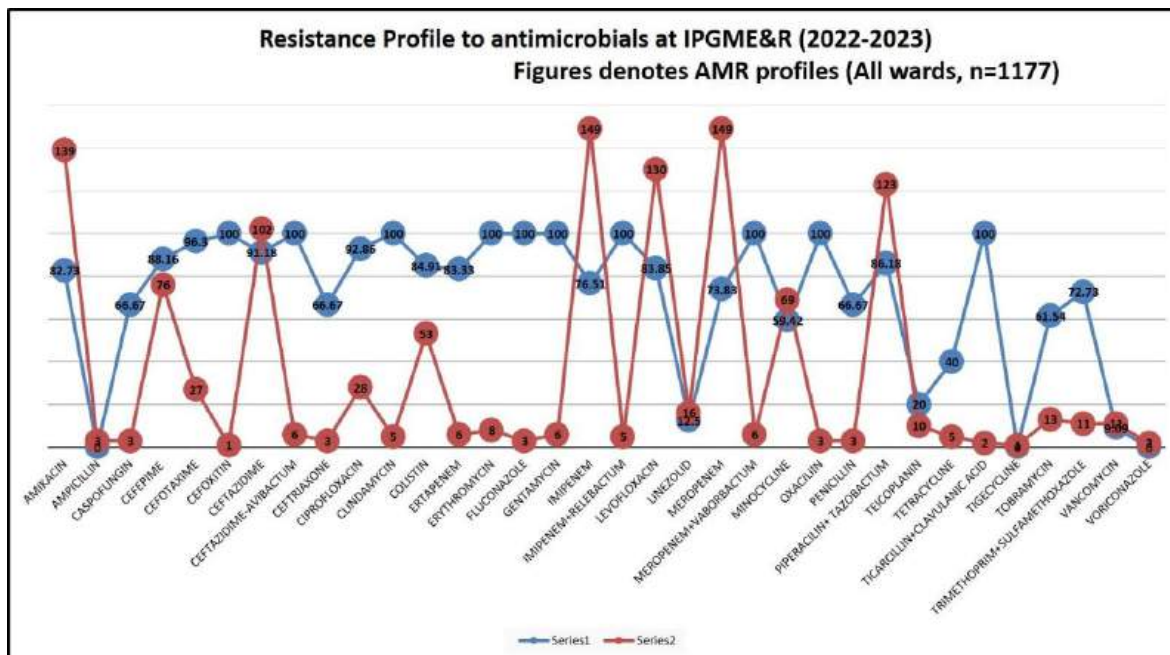
Aditi M. Panditrao<sup>1</sup>, Nusrat Shafiq<sup>2</sup>, Suparna Chatterjee<sup>2</sup>, Ashish Pathak<sup>3</sup>, Niyati Trivedi<sup>4</sup>,  
Balakrishnan Sadosavni<sup>5</sup>, Nilima Kishoregoudar<sup>6</sup>, Rajni Kulkarni<sup>7</sup>, Manisha Biswal<sup>8</sup>, Ashish Kakkar<sup>9</sup>, Samir Malhotra<sup>1</sup>,  
Pankaj Arora<sup>1</sup>, Shweta Talati<sup>1</sup>, Navneet Dhallwail<sup>1</sup>, Avijit Hazra<sup>1</sup>, Ratinder Jha<sup>1</sup>, Ahmad Najmi<sup>1</sup>, Navin Pandey<sup>1</sup>,  
Rajo Chakraverty<sup>2</sup>, Suman Pathan<sup>2</sup>, Jonki Chauhan<sup>1</sup> and Aditya Muthur<sup>1</sup> on behalf of the ASPIRE (Antimicrobial  
Stewardship Programme In Resource-limited Environment) Study Group

\*Corresponding author. E-mail: nusrat.shafiq.pg@gmail.com  
†Other members are listed in the Acknowledgements section

Received 29 March 2020; accepted 23 November 2020

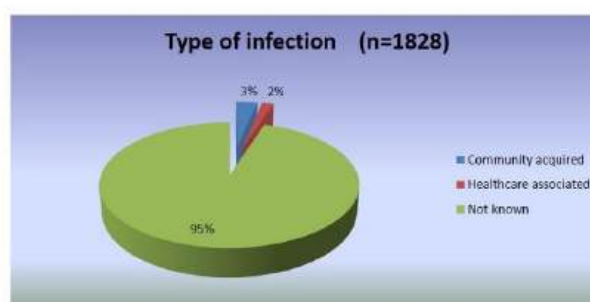
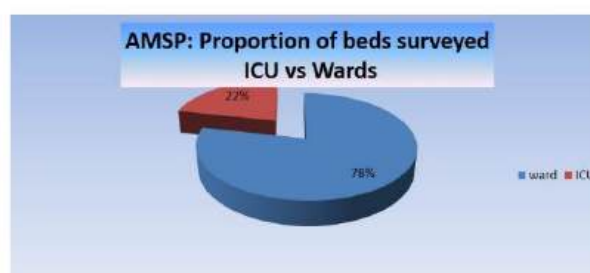
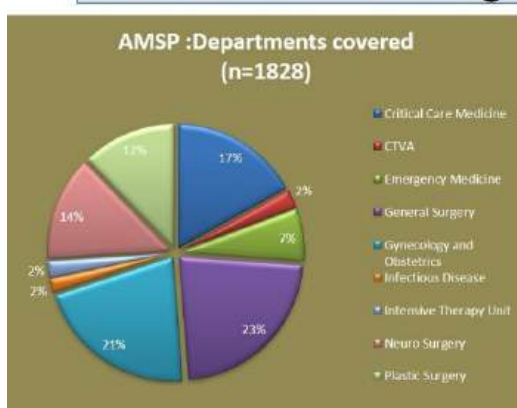
- Pre-prescription authorization (restriction) of antimicrobials and post-prescription review with feedback (PPRF) are among the most effective strategies.

[illegible]



10

## AMSP: Findings (AMSP beds covered: 1828)





## Attendance report

[Close](#) Participants (85)

DR	Dr. Roja Sahu (me)		
RM	Rakesh Meher (Host)		
DR	Dr. Raja Chakraverty (Co-host)		
PK	Prafulla Kumar Sahu (Co-host)		
R	Roja Sahu (Co-host)		
AN	Abhijit nanda		
AA	Abhisek Agrawal		
AD	Abhisek dora		
A	ABYAY KUMAR GUPTA		
AB	Adyasha Behera		
A	Ak		
AM	Alok Meher		

[Invite](#)

[Close](#) Participants (85)

AB	Amiya bagartty		
AP	Ankit Patel		
AR	Ankit Rajpalia		
AD	ANKITA DALEI		
AP	Anshuman Panda		
AM	Asha Meher		
AK	Asif khan		
B	Babita		
BR	Barsha rani Ratha		
BB	Basudev behera		
BB	Bibek Behera		
BN	Bimal Naik		
BB	Binapani Barik		

[Invite](#)

[Close](#) Participants (85)

DR	Dr Rajeswari Saripilli		
DC	Dr.Bimalendu Chowdhury		
	Durga Prasad Mishra		
JN	JAGNYESWAR NAIK		
JB	Jayshreemaa Biswal		
JK	JOGENDRA KUMAR YVV		
JB	Jublee behera		
JB	Jyotchnamayee Behera		
JP	Jyoti prakash guru		
MD	Manasa Dash		
N	Nasrin		
NB	Nikita Bharati		
NS	Nikita Sahu		

[Invite](#)

[Close](#) Participants (85)




























S	Sukumarpurohit		
	Sumanjeet Patel		
SM	Sunanda Meher		
SS	Sunil Sahu		
	Swarnajeet Tripathy		
S	Swastik Swaroop Ranajit		
TP	Tamal Panda		
TB	Tiki Biswal		
TP	Truptipragyan Padhan		
	Vijaya Meher		
	zoom owner		
EN	Etishree Nayak		
	moye moye moye		

[Invite](#)
































[Close](#)

Participants (85)

SP	Sibangi padhi	 
SG	Sipra Ghadai	 
S	Sonali's iPhone	 
SK	Soumya Kanta kar	 
ST	Soumyashree Tripathy	 
SR	Sourav ranjan padhan	 
SS	Subham sahil mishra	 
SL	Subrat Lenka	 
S	Sukumarpurohit	 
	Sumanjeet Patel	 
SM	Sunanda Meher	 
SS	Sunil Sahu	 
	Swarnajeet Tripathy	 

[Invite](#)[Close](#)

Participants (85)

NB	Nirmalendu Bera	 
OL	OnePlus LE2101	 
PM	Parimita Mohanty	 
PM	PRATIKSHYA MOHAPATRA	 
	prryas raj mishra	 
RM	Reena meher	 
RS	Roshan Sahu	 
	SACHIDANANDA SAHU	 
SM	SAHASRANSHU MISHRA	 
SK	Saroj kanra	 
	Satya prasad Mishra	 
SS	satyam sai patel	 
SB	Seturam Bhati	 

[Invite](#)

## Feedback

66 responses

View in Sheets

Accepting responses

Summary

Question

Individual

Name of The Faculty/ Students

66 responses

Parimita Mohanty

Bimal Naik

Anil Kumar behera

Nikita Bharati

Goushiya Rahman

Biswa Narayan kharsel

Adarsh Gahir

Naimish Kumar Panda

Truptipragnya Padhan

Summary

Question

Individual

Name of The Faculty/ Students

66 responses

Parimita Mohanty

Bimal Naik

Anil Kumar behera

Nikita Bharati

Goushiya Rahman

Biswa Narayan kharsel

Adarsh Gahir

Naimish Kumar Panda

Truptipragnya Padhan

**SCHOOL OF PHARMACY  
CENTURION UNIVERSITY OF  
RAYAGADA**



**TECHNOLOGY AND MANAGEMENT**

**Faculty Development Program (FDP) on assessment schema**

Date- 5th October 2023

Conducted by Dr. Sangram Keshari Swain, Dean Examination

Centurion School of Pharmacy, Rayagada Campus

The Faculty Development Program (FDP) conducted by Dr. Sangram Keshari Swain, Dean Examination, at Centurion School of Pharmacy's Rayagada Campus on 5th October 2023 proved to be an enriching experience for the faculty members. The FDP aimed to address several critical topics related to academic assessment and development, focusing on enhancing the overall learning experience for both faculty and students.



**Agenda and Discussions:**

**1. Amendment in Assessment Schema:**

The FDP commenced with a discussion on amendments to the assessment schema. Dr. Swain emphasized the importance of aligning assessments with evolving educational standards and the dynamic needs of the pharmaceutical industry. Faculty members actively engaged in sharing their insights and suggestions for improving assessment methods.

**2. Records of Learning Format:**

The second topic covered in the FDP was the implementation of a structured "Records of Learning" format. Faculty members were provided with guidelines and templates to maintain comprehensive

records of students' progress and achievements. This initiative aims to enhance transparency in the assessment process.

### 3. Mentoring Report Format:

Dr. Swain presented the new mentoring report format, stressing the significance of effective mentoring in students' academic and personal growth. The discussion revolved around best practices in mentoring and how the new format would facilitate meaningful interactions between mentors and mentees.

### 4. CO-PO Attainment of Courses through Learning Records:

Faculty members delved into strategies to assess Course Outcomes (CO) and Program Outcomes (PO) using data derived from learning records. The discussion emphasized the importance of aligning teaching methodologies with CO-PO attainment and the role of learning records in this process.

### 5. Learning Traceability Audit and Committee:

The concept of traceability audit and the formation of a committee for this purpose were introduced. Dr. Swain explained how this committee would ensure that learning outcomes are traceable, measurable, and continuously improved, leading to the overall enhancement of the curriculum.

### 6. Issues Related to Domain Skill Courses:

The FDP concluded with an open forum to address issues related to domain skill courses. Faculty members shared their concerns and challenges faced while delivering these courses and discussed potential solutions and best practices.

The Faculty Development Program conducted by Dr. Sangram Keshari Swain on 5th October 2023 provided a platform for faculty members to engage in meaningful discussions and gain insights into critical aspects of assessment, mentoring, and program development. The knowledge shared and discussions held during this FDP are expected to have a positive impact on the quality of education and the overall academic environment at Centurion School of Pharmacy's Rayagada Campus. It is imperative that the recommendations and strategies discussed are implemented effectively to achieve the desired academic excellence.



**SCHOOL OF PHARMACY  
CENTURION UNIVERSITY OF  
RAYAGADA**



**TECHNOLOGY AND MANAGEMENT**

**Faculty Development Program (FDP) on assessment schema**

Date- 5th October 2023

Conducted by Dr. Sangram Keshari Swain, Dean Examination

Centurion School of Pharmacy, Rayagada Campus

The Faculty Development Program (FDP) conducted by Dr. Sangram Keshari Swain, Dean Examination, at Centurion School of Pharmacy's Rayagada Campus on 5th October 2023 proved to be an enriching experience for the faculty members. The FDP aimed to address several critical topics related to academic assessment and development, focusing on enhancing the overall learning experience for both faculty and students.



**Agenda and Discussions:**

**1. Amendment in Assessment Schema:**

The FDP commenced with a discussion on amendments to the assessment schema. Dr. Swain emphasized the importance of aligning assessments with evolving educational standards and the dynamic needs of the pharmaceutical industry. Faculty members actively engaged in sharing their insights and suggestions for improving assessment methods.

**2. Records of Learning Format:**

The second topic covered in the FDP was the implementation of a structured "Records of Learning" format. Faculty members were provided with guidelines and templates to maintain comprehensive

records of students' progress and achievements. This initiative aims to enhance transparency in the assessment process.

### 3. Mentoring Report Format:

Dr. Swain presented the new mentoring report format, stressing the significance of effective mentoring in students' academic and personal growth. The discussion revolved around best practices in mentoring and how the new format would facilitate meaningful interactions between mentors and mentees.

### 4. CO-PO Attainment of Courses through Learning Records:

Faculty members delved into strategies to assess Course Outcomes (CO) and Program Outcomes (PO) using data derived from learning records. The discussion emphasized the importance of aligning teaching methodologies with CO-PO attainment and the role of learning records in this process.

### 5. Learning Traceability Audit and Committee:

The concept of traceability audit and the formation of a committee for this purpose were introduced. Dr. Swain explained how this committee would ensure that learning outcomes are traceable, measurable, and continuously improved, leading to the overall enhancement of the curriculum.

### 6. Issues Related to Domain Skill Courses:

The FDP concluded with an open forum to address issues related to domain skill courses. Faculty members shared their concerns and challenges faced while delivering these courses and discussed potential solutions and best practices.

The Faculty Development Program conducted by Dr. Sangram Keshari Swain on 5th October 2023 provided a platform for faculty members to engage in meaningful discussions and gain insights into critical aspects of assessment, mentoring, and program development. The knowledge shared and discussions held during this FDP are expected to have a positive impact on the quality of education and the overall academic environment at Centurion School of Pharmacy's Rayagada Campus. It is imperative that the recommendations and strategies discussed are implemented effectively to achieve the desired academic excellence.



**SCHOOL OF PHARMACY  
CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT  
RAYAGADA**

**Utilizing E-Resources: A Workshop on Effective Usage**

Date: 29.03.2024

Venue: IOAC Room, School of Pharmacy, Centurion University of Technology and Management, Rayagada

Presenter: Brundaban Nahak, Central Librarian, Centurion University of Technology and Management

On the 29th of March 2024, the School of Pharmacy at Centurion University hosted a workshop titled "Utilizing E-Resources: A Workshop on Effective Usage." The workshop aimed to enlighten faculty members from the School of Pharmacy and BSc Nursing about accessing and utilizing electronic resources available through the Centurion University's E-Library portal.

The workshop was facilitated by Mr. Brundaban Nahak, the Central Librarian of Centurion University. Mr. Nahak began the session by emphasizing the importance of utilizing electronic resources in academic research and learning. He outlined the various e-resources available through the university's E-Library portal, highlighting key platforms such as DELNET, WSO, and ORJITM.



Introduction to E-Resources: Mr. Nahak provided an overview of the electronic resources accessible through the university's library portal, emphasizing their significance in facilitating research and enhancing learning outcomes. The Participants were guided on how to effectively assess the resources

available on the CUTM website's E-Library portal. Mr. Nahak elaborated on the criteria for evaluating the credibility and relevance of e-resources, ensuring that participants could make informed decisions when selecting materials for their research. A Detailed demonstration were provided on navigating through various e-resource platforms such as DELNET, WSO, and ORJITM. Mr. Nahak elucidated the login process for each platform, enabling participants to seamlessly access a plethora of scholarly materials.

The workshop saw active participation from faculty members of the School of Pharmacy and BSc Nursing. Attendees engaged in interactive discussions, seeking clarification on navigating specific e-resource platforms and maximizing their utility in academic research.

The workshop on Utilizing E-Resources proved to be immensely beneficial in equipping faculty members with the necessary skills to harness the wealth of electronic resources available through Centurion University's E-Library portal. Mr. Brundaban Nahak's insights and guidance paved the way for participants to enhance their research capabilities and stay abreast of the latest developments in their respective fields. It is hoped that the knowledge gained from this workshop will empower faculty members to integrate e-resources effectively into their teaching and research endeavors, ultimately fostering academic excellence within the institution.

The organizers extend their heartfelt gratitude to Mr. Brundaban Nahak for his invaluable contribution to the workshop and commend the enthusiastic participation of all attendees for making the event a resounding success.



**CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT  
RAYAGADA**

**TITLE:** - Utilizing E-Resources: A Workshop on Effective Usage

Date:- 29/03/2024

**RESOURCE PERSON:** Dr. Brundaban Nahak, Central Librarian, Centurion University of Technology and Management

[illegible]

School of Pharmacy & Allied Health Science



**SCHOOL OF PHARMACY**  
**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**  
**RAYAGADA**

**Utilizing E-Resources: A Workshop on Effective Usage**

Date: 29.03.2024

Venue: IOAC Room, School of Pharmacy, Centurion University of Technology and Management, Rayagada

Presenter: Brundaban Nahak, Central Librarian, Centurion University of Technology and Management

On the 29th of March 2024, the School of Pharmacy at Centurion University hosted a workshop titled "Utilizing E-Resources: A Workshop on Effective Usage." The workshop aimed to enlighten faculty members from the School of Pharmacy and BSc Nursing about accessing and utilizing electronic resources available through the Centurion University's E-Library portal.

The workshop was facilitated by Mr. Brundaban Nahak, the Central Librarian of Centurion University. Mr. Nahak began the session by emphasizing the importance of utilizing electronic resources in academic research and learning. He outlined the various e-resources available through the university's E-Library portal, highlighting key platforms such as DELNET, WSO, and ORJITM.



Introduction to E-Resources: Mr. Nahak provided an overview of the electronic resources accessible through the university's library portal, emphasizing their significance in facilitating research and enhancing learning outcomes. The Participants were guided on how to effectively assess the resources

available on the CUTM website's E-Library portal. Mr. Nahak elaborated on the criteria for evaluating the credibility and relevance of e-resources, ensuring that participants could make informed decisions when selecting materials for their research. A Detailed demonstration were provided on navigating through various e-resource platforms such as DELNET, WSO, and ORJITM. Mr. Nahak elucidated the login process for each platform, enabling participants to seamlessly access a plethora of scholarly materials.

The workshop saw active participation from faculty members of the School of Pharmacy and BSc Nursing. Attendees engaged in interactive discussions, seeking clarification on navigating specific e-resource platforms and maximizing their utility in academic research.

The workshop on Utilizing E-Resources proved to be immensely beneficial in equipping faculty members with the necessary skills to harness the wealth of electronic resources available through Centurion University's E-Library portal. Mr. Brundaban Nahak's insights and guidance paved the way for participants to enhance their research capabilities and stay abreast of the latest developments in their respective fields. It is hoped that the knowledge gained from this workshop will empower faculty members to integrate e-resources effectively into their teaching and research endeavors, ultimately fostering academic excellence within the institution.

The organizers extend their heartfelt gratitude to Mr. Brundaban Nahak for his invaluable contribution to the workshop and commend the enthusiastic participation of all attendees for making the event a resounding success.



**CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT  
RAYAGADA**

**TITLE:** - Utilizing E-Resources: A Workshop on Effective Usage

Date:- 29/03/2024

**RESOURCE PERSON:** Dr. Brundaban Nahak, Central Librarian, Centurion University of Technology and Management

[illegible]

School of Pharmacy & Allied Health Science





**Centurion**  
**UNIVERSITY**  
*Shaping Lives...  
Empowering Communities...*

**SCHOOL OF PHARMACY**  
**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**  
**RAYAGADA**

**Faculty Development Program (FDP)**

Date- 5th October 2023

Conducted by Dr. Sangram Keshari Swain, Dean Examination

Centurion School of Pharmacy, Rayagada Campus

The Faculty Development Program (FDP) conducted by Dr. Sangram Keshari Swain, Dean Examination, at Centurion School of Pharmacy's Rayagada Campus on 5th October 2023 proved to be an enriching experience for the faculty members. The FDP aimed to address several critical topics related to academic assessment and development, focusing on enhancing the overall learning experience for both faculty and students.



**Agenda and Discussions:**

**1. Amendment in Assessment Schema:**

The FDP commenced with a discussion on amendments to the assessment schema. Dr. Swain emphasized the importance of aligning assessments with evolving educational standards and the dynamic needs of the pharmaceutical industry. Faculty members actively engaged in sharing their insights and suggestions for improving assessment methods.

**2. Records of Learning Format:**

The second topic covered in the FDP was the implementation of a structured "Records of Learning" format. Faculty members were provided with guidelines and templates to maintain comprehensive

records of students' progress and achievements. This initiative aims to enhance transparency in the assessment process.

### 3. Mentoring Report Format:

Dr. Swain presented the new mentoring report format, stressing the significance of effective mentoring in students' academic and personal growth. The discussion revolved around best practices in mentoring and how the new format would facilitate meaningful interactions between mentors and mentees.

### 4. CO-PO Attainment of Courses through Learning Records:

Faculty members delved into strategies to assess Course Outcomes (CO) and Program Outcomes (PO) using data derived from learning records. The discussion emphasized the importance of aligning teaching methodologies with CO-PO attainment and the role of learning records in this process.

### 5. Learning Traceability Audit and Committee:

The concept of traceability audit and the formation of a committee for this purpose were introduced. Dr. Swain explained how this committee would ensure that learning outcomes are traceable, measurable, and continuously improved, leading to the overall enhancement of the curriculum.

### 6. Issues Related to Domain Skill Courses:

The FDP concluded with an open forum to address issues related to domain skill courses. Faculty members shared their concerns and challenges faced while delivering these courses and discussed potential solutions and best practices.

The Faculty Development Program conducted by Dr. Sangram Keshari Swain on 5th October 2023 provided a platform for faculty members to engage in meaningful discussions and gain insights into critical aspects of assessment, mentoring, and program development. The knowledge shared and discussions held during this FDP are expected to have a positive impact on the quality of education and the overall academic environment at Centurion School of Pharmacy's Rayagada Campus. It is imperative that the recommendations and strategies discussed are implemented effectively to achieve the desired academic excellence.



## **School of Pharmacy, Centurion University of Technology and Management, Rayagada**

### **Guest Lecture on International and National Legislations and Guidelines on Animal Experimentation**

**Date:** 18th April 2024

**Organized by:** School of Pharmacy, Centurion University of Technology and Management, Rayagada

**Resource Person:** Dr. Nemani Harishankar, Scientist-E, ICMR National Institute of Nutrition, Hyderabad

The School of Pharmacy at Centurion University of Technology and Management, Rayagada, hosted a highly informative guest lecture on "International and National Legislations and Guidelines on Animal Experimentation" on 18th April 2024. The session aimed to educate students and faculty members about the ethical considerations, legal frameworks, and regulatory requirements governing the use of animals in scientific research. Dr. Nemani Harishankar, a distinguished Scientist-E from the ICMR National Institute of Nutrition, Hyderabad, served as the resource person for the event.

**Objective of the Lecture:** The primary objective of the guest lecture was to familiarize the audience with the international standards and specific regulations implemented in India regarding the ethical treatment and welfare of animals involved in experimentation. The session aimed to foster a deeper understanding of the moral and legal obligations associated with conducting research involving animal subjects, thereby promoting responsible and humane practices in scientific inquiry.

**Session Overview:** Dr. Nemani Harishankar commenced the lecture by providing an overview of the historical context and evolution of legislation and guidelines concerning animal experimentation globally. He emphasized the pivotal role played by organizations such as the World Health Organization (WHO), the International Council for Laboratory Animal Science (ICLAS), and the National Institutes of Health (NIH) in formulating ethical principles and best practices for the humane use of animals in research.

The lecture proceeded with a detailed discussion on the following key topics:

**International Guidelines:** Dr. Harishankar elucidated the principles outlined in internationally recognized documents such as the Declaration of Helsinki, the Guide for the Care and Use of Laboratory Animals, and the European Convention for the Protection of Vertebrate Animals Used for Experimental and Other Scientific Purposes. He highlighted the core principles of replacement, reduction, and refinement (the 3Rs) as guiding principles for ethical animal research.

**National Legislation:** The resource person provided insights into the legislative framework governing animal experimentation in India, focusing on the Prevention of Cruelty to Animals Act, 1960, and the subsequent amendments and guidelines issued by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA). He discussed the regulatory requirements for

obtaining ethical approval, ensuring animal welfare, and maintaining appropriate standards of housing, care, and experimentation.

**Ethical Considerations:** Dr. Harishankar underscored the importance of ethical decision-making in research involving animals, emphasizing the need for researchers to prioritize the welfare and dignity of experimental subjects. He discussed ethical dilemmas commonly encountered in animal experimentation and strategies for mitigating harm while maximizing scientific rigor.

**Compliance and Enforcement:** The lecture concluded with an overview of the mechanisms for compliance monitoring and enforcement of animal welfare regulations in India, including the role of institutional animal ethics committees (IAECs) and regulatory inspections conducted by CPCSEA.

**Q&A Session:** The lecture was followed by an engaging question-and-answer session, during which participants had the opportunity to seek clarification on various aspects of animal experimentation regulations, ethical dilemmas, and practical challenges in compliance.

### **Conclusion**


The guest lecture delivered by Dr. Nemani Harishankar proved to be immensely enlightening and thought-provoking, providing attendees with a comprehensive understanding of the legal, ethical, and regulatory landscape surrounding animal experimentation at both national and international levels. The session underscored the importance of upholding ethical standards and adopting responsible practices to ensure the welfare of laboratory animals and the integrity of scientific research.

The School of Pharmacy extends its heartfelt gratitude to Dr. Harishankar for sharing his expertise and insights, and to all participants for their active engagement in this crucial discourse on animal welfare and research ethics. The event has undoubtedly enriched the academic and ethical consciousness of the pharmacy community at Centurion University.








 **GPS Map Camera**

Guest Lecture on Animal Experimentation  
School of Pharmacy, Centurion University, Rayagada Campus, Odisha 765002  
Lat 19.136982°  
Long 83.413335°  
18/04/24 11:00 AM GMT +05:30

 **Google**



**Centurion**  
**UNIVERSITY**  
*Shaping Lives...  
Enriching Communities*

[illegible]





**Centurion**  
UNIVERSITY  
Shaping Lives...  
Empowering Communities...

**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Venue : Auditorium, CUTM, Rayagada**  
**Campus(Hybrid Mode)**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

S.No	Regd. Number	Student Name	Signature
01	202616100057	Sweeta Bisoyi	Sweeta Bisoyi
2	202616100028	Lilima Sarkar	Lilima Sarkar
3	202616100049	Paiya Pradhan	Paiya Pradhan
4	202616100035	Anjali Patra	Anjali Patra
5	232616100052	Sony Singh Rawat	Sony Singh Rawat
6	202616100001	Anupama Jagat	Anupama Jagat
7	202616100046	Puja Sahu	Puja Sahu
8	202616100061	Yasoda Gouda	Yasoda Gouda
9	202616100038	Archana Bachel	Archana Bachel
10	202616100046	Nikky Singh	Nikky Singh
11	202616100013	S. Vaishnavi	S. Vaishnavi
12	202616100053	Runita Bag	Runita Bag
13	202616100024	Sangita Mishra	Sangita Mishra
14	232616100038	Pratyasha Mohanty	Pratyasha Mohanty
15	232616100010	Chinmayee Sahu	Chinmayee Sahu
16	232616100005	B. Santoshi Patra	B. Santoshi Patra
17	232616100028	Jyoti Mayee Sahu	Jyoti Mayee Sahu
18	232616100018	Deepali Sahu	Deepali Sahu



**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**

Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

[illegible]





**Centurion**  
UNIVERSITY  
Shaping Lives...  
Empowering Communities...

**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahall, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Venue : Auditorium, CUTM, Rayagada**  
**Campus(Hybrid Mode)**

**Time: 10.30 AM to 12.30 PM**

S.No	Regd. Number	Student Name	Signature
1)	232616100057	Reetham K. Nayak	Reetham K. Nayak
2)	232616100027	K. Ravi Teja	Ravi Teja
3)	232616100039	R. Bibhu Pritha	R. Bibhu Pritha
4)	232616100051	Shriram Maharana	Shriram Maharana
5)	232616100059	Omasisankar Behera	Omasisankar Behera
6)	202616100047	Prabhu Manoj	Prabhu Manoj
7)	202616100005	Sujan Ray	Sujan Ray
8)	202616100020	Shiraj Ray	Shiraj Ray
9)	202616100003	Souab Dal	Souab Dal
10)	202616100045	K. Vamsi	K. Vamsi
11)	202616100044	Jegdish Das	Jegdish Das
12)	202616100022	R. Varun Kumar	R. Varun Kumar
13)	202616100051	Rahul Seshankar	Rahul Seshankar
14)	202616100006	Simabir Nabin Kumar	S. Nabin Kumar
15)	202616100014	Abish Patra	Abish Patra
16)	202616100085	Subrat Sahoo	Subrat Sahoo
17)	202616100052	Rakesh Panda	Rakesh Panda
18)	202616100048	Pradyum Biswal	Pradyum Biswal



**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Venue : Auditorium, CUTM, Rayagada Campus(Hybrid Mode)**

**Time: 10.30 AM to 12.30 PM**

[illegible]





**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**

Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation"**

Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)

Time: 10.30 AM to 12.30 PM

Speaker: Dr. N. Harishankar

Date: 18-04-2024

S.No	Regd. Number	Student Name	Signature
01	202616100026	Bikash Singh Rajput	B. Singh Rajput
02	202616100011	Biswajeet Behera	B. Behera
03	202616100015	Ronik Mohanty	R. Mohanty
04	202616100009	Dinesh Teli	Atli
05	202616100056	Suman Panda	Suman Panda
06	202616100023	Siddhant, Sibo Masad	Siddhant, Sibo Masad
07	202616101062	Yaida Tailadi	Yaida Tailadi
08	202616100043	Hrusikesho Panigrahi	H.K. Panigrahi
09	202616100007	Rudra Prasad Deo	R. Deo
10	202616101064	Socanya Romjam Panda	R. SP
11	202616100042	Gurija Shankar Das	G. Das
12	232616100003	Arpit Sahu	Arpit Sahu
13	232616100041	Dhishon Dandena	Dhishon
14	232616100029	Lokanath Dandasena	Lokanath Dandasena
15	232616100020	Denis Christfer sagas Nayak	Denis Christfer sagas Nayak
16	232616100056	Subham Pratap Ray	Subham Pratap Ray
17	232616100048	Santosh Kumar Acharya	Santosh Kumar Acharya
18	232616100032	Manab Maaid	Manab Maaid



**Pithamahar, Rayagada**

**Venue : Auditorium, CUTM, Rayagada Campus(Hybrid Mode)**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

[illegible]





**Centurion University of Technology and Management**  
**School of Pharmacy, Rayagada Campus**  
Pithamahar, Rayagada

**GUESTLECTURE TOPIC : "International & National Legislations and Guidelines on Animal Experimentation "**

**Speaker: Dr. N. Harishankar**

**Date: 18-04-2024**

**Venue : Auditorium, CUTM, Rayagada  
Campus(Hybrid Mode)**

**Time: 10.30 AM to 12.30 PM**

S.No	Regd. Number	Student Name	Signature
01.	202616100019	Nikhil pattnaik	Nikhil pattnaik
02	202616100050	P. Sai Koushik	P. Sai Koushik
03	202616100037	Anupam Boxi	Anupam Boxi
04	202616100059	Md Rizwar Ansari	Md Rizwar Ansari
05	202616100058	T. Divy Kumar .	T. Divy Kumar .
06	202616100040	Bibhu Prasad Nayak	Bibhu Prasad Nayak
07	202616100062	Dr. Satish Kumar	Dr. Satish Kumar
08	202616100012	Bighnaraj Sahu .	Bighnaraj Sahu .
09	202616100039	Babu Sa	Babu Sa
10.	202616100028	Hemant Kumar Bagh	Hemant Kumar Bagh
11	202616100036	Anshuman Jena	Anshuman Jena
12	202616100021	Kengwa Vamsi	K. Vamsi
13	202616100018	BANSHIDHAR ROY	Banshidhar Roy
14	202616100032	Sandeep Behena	Sandeep Behena
15	232616100008	Bibhu Kishor Adhikari	Bibhu Kishor Adhikari
16	232616100046	Rudra Prasad Sahu	Rudra Prasad Sahu
17	282616100043	Rajesh Kumar Das	Rajesh
18	232616100040	Rakesh Senapati	Rakesh Senapati



**Pithamahar, Rayagada**

**Venue : Auditorium, CUTM, Rayagada Campus(Hybrid Mode)**

**Date: 18-04-2024**

**Time: 10.30 AM to 12.30 PM**

[illegible]



## **School of Pharmacy, Centurion University of Technology and Management, Rayagada**

### **Webinar on Formulation and Characterization of Liposomes**

**Date:** 13th April 2024

**Resource Person:** Mr. Girija Prasad Patro, Principal Scientist-II, FR&D, Eugia Pharma Specialities Limited, Hyderabad

The School of Pharmacy at Centurion University of Technology and Management, Rayagada, organized an insightful webinar on the topic "Formulation and Characterization of Liposomes" on 13th April 2024. The webinar was attended by students, faculty, and several external participants with a keen interest in the advancements of pharmaceutical technologies. Mr. Girija Prasad Patro, a renowned Principal Scientist-II from Eugia Pharma Specialities Limited, based in Hyderabad, led the session.

#### **Objective of the Webinar**

The primary objective of the webinar was to enlighten the participants on the latest methodologies and scientific advancements related to the formulation and characterization of liposomes, which are crucial in the delivery of pharmaceutical agents. The event aimed to bridge the gap between academic learning and industry practices, providing attendees with a comprehensive understanding of liposome technology's real-world applications and challenges.

#### **Session Overview**

Mr. Patro began the webinar with an introduction to liposomes, describing them as vesicular structures that can encapsulate active pharmaceutical ingredients, enhancing the delivery of drugs to targeted sites within the body. His presentation was divided into several segments, covering the following key points:

**Basics of Liposomes:** Overview of liposome structures, their composition, and the physical and chemical properties that influence their behavior in biological environments.

**Formulation Techniques:** Detailed discussion on various techniques for liposome formulation, including thin-film hydration, reverse-phase evaporation, and microfluidics-based approaches. Mr. Patro emphasized the importance of selecting the appropriate method based on the nature of the drug and the desired therapeutic effect.



**Characterization Methods:** This section explains the different techniques used to characterize liposomes, such as dynamic light scattering (DLS) for size determination, zeta potential measurement for stability analysis, and cryo-electron microscopy for structural visualization.

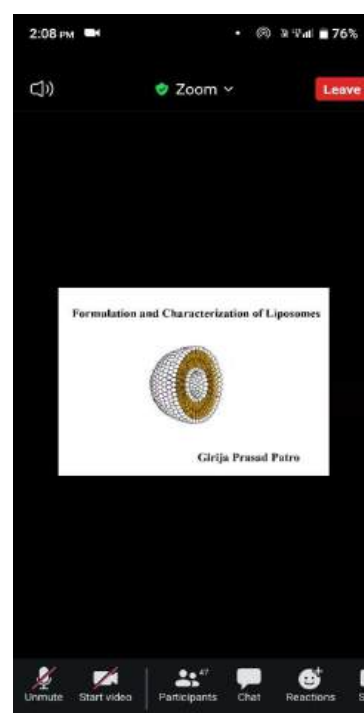
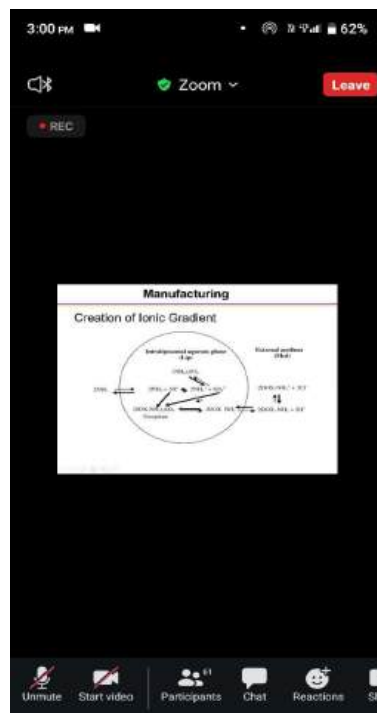
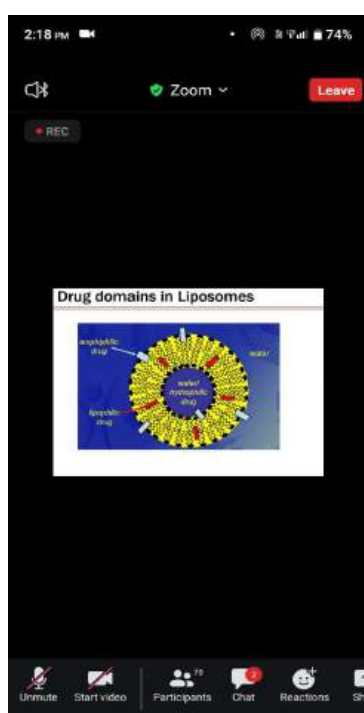
**Applications in Drug Delivery:** Mr. Patro shared case studies and current research focusing on how liposomes are used to improve the efficacy and safety of drug delivery, particularly in the treatment of cancer and infectious diseases.

**Challenges and Future Perspectives:** The discussion focused on the challenges faced in the formulation and commercial scale-up of liposomes, including stability issues, regulatory hurdles, and patient compliance. He also touched upon future trends and innovations in liposome technology that could potentially overcome existing limitations. Following the presentation, a lively question-and-answer session took place, where Mr. Patro addressed various queries from participants regarding the scalability of liposome production, patent issues, and ethical considerations in clinical applications.

## Conclusion

The webinar concluded with a vote of thanks to Mr. Girija Prasad Patro for his enlightening session and the organizers from the School of Pharmacy for facilitating this educational event. The participants expressed great appreciation for the depth of knowledge shared and the interactive nature of the webinar, which not only enhanced their academic learning but also provided them with valuable insights into future career opportunities in pharmaceutical research and development.

This event has significantly contributed to the attendees' academic and professional growth and set a benchmark for future webinars at Centurion University.





**List of participants**

<b>SN</b>	<b>Name (Original Name)</b>	<b>Join Time</b>	<b>Leave Time</b>	<b>Duration (Minutes)</b>
1	DRx. Sony Lenka	04/13/2024 01:50:26 PM	04/13/2024 03:02:16 PM	72
2	Anshuman Panda	04/13/2024 01:50:32 PM	04/13/2024 03:45:33 PM	116
3	Chandra sekhar Patro	04/13/2024 01:50:37 PM	04/13/2024 01:57:14 PM	7
4	Alik Ladi	04/13/2024 01:50:43 PM	04/13/2024 03:45:33 PM	115
5	UMA SAI SAI SANKAR BEHERA	04/13/2024 01:50:43 PM	04/13/2024 01:58:23 PM	8
6	JOGENDRA KUMAR	04/13/2024 01:53:11 PM	04/13/2024 01:57:14 PM	5
7	Shyam Sundar Sahu	04/13/2024 01:55:43 PM	04/13/2024 03:45:33 PM	110
8	Girija	04/13/2024 01:56:26 PM	04/13/2024 03:45:24 PM	109
9	Dibya Ranjan Behera	04/13/2024 01:57:20 PM	04/13/2024 03:45:31 PM	109
10	Kamini Sethy	04/13/2024 01:57:44 PM	04/13/2024 03:05:13 PM	68
11	babita adhikary	04/13/2024 01:59:18 PM	04/13/2024 02:00:36 PM	2
12	JOGENDRA KUMAR	04/13/2024 02:00:08 PM	04/13/2024 03:45:33 PM	106
13	Sanghamitra Satapathy	04/13/2024 02:00:10 PM	04/13/2024 02:08:48 PM	9
14	Subham Panda	04/13/2024 02:00:13 PM	04/13/2024 02:22:50 PM	23
15	Bharatbhusan Sahu	04/13/2024 02:00:15 PM	04/13/2024 03:45:33 PM	106
16	Gopal Padhy	04/13/2024 02:00:24 PM	04/13/2024 02:19:12 PM	19
17	Sailaja Sahu	04/13/2024 02:00:30 PM	04/13/2024 02:49:11 PM	49
18	Haragouri Mishra	04/13/2024 02:00:45 PM	04/13/2024 02:04:49 PM	5
19	Sangita Ghosh (iPhone)	04/13/2024 02:00:46 PM	04/13/2024 03:45:23 PM	105
20	Md Rizwan Ansari	04/13/2024 02:00:46 PM	04/13/2024 03:33:19 PM	93
21	Deepak Gouda	04/13/2024 02:00:56 PM	04/13/2024 02:25:56 PM	25
22	Abhisek satapathy	04/13/2024 02:01:03 PM	04/13/2024 03:45:33 PM	105
23	babita adhikary	04/13/2024 02:01:08 PM	04/13/2024 02:10:32 PM	10
24	G.Shivani	04/13/2024 02:01:11 PM	04/13/2024 03:45:32 PM	105
25	sharmila das	04/13/2024 02:01:22 PM	04/13/2024 03:08:13 PM	67
26	KANHU CHARAN SAHU	04/13/2024 02:01:25 PM	04/13/2024 03:25:57 PM	85
27	Manasi Khadanga	04/13/2024 02:01:29 PM	04/13/2024 03:45:33 PM	105
28	Rohit Satapathy	04/13/2024 02:01:41 PM	04/13/2024 02:08:59 PM	8
29	PRACHITESH SWAIN	04/13/2024 02:01:43 PM	04/13/2024 02:34:47 PM	34
30	Srusthi Padhi	04/13/2024 02:01:45 PM	04/13/2024 03:35:19 PM	94
31	Chandra sekhar Patro	04/13/2024 02:01:46 PM	04/13/2024 02:03:31 PM	2
32	Bighnaraj Sahu	04/13/2024 02:01:48 PM	04/13/2024 03:45:33 PM	104
33	Biswajeet Behera	04/13/2024 02:02:35 PM	04/13/2024 02:42:58 PM	41
34	Bikash Singh Rajput	04/13/2024 02:02:39 PM	04/13/2024 02:15:59 PM	14
35	Rahul Sesankar	04/13/2024 02:02:40 PM	04/13/2024 02:11:08 PM	9
36	Rajat Kumar Prusty	04/13/2024 02:02:51 PM	04/13/2024 02:52:24 PM	50
37	Vamsi	04/13/2024 02:02:54 PM	04/13/2024 02:30:39 PM	28
38	Sweta Bisoyi	04/13/2024 02:03:06 PM	04/13/2024 02:18:28 PM	16
39	Dibya Singh	04/13/2024 02:03:20 PM	04/13/2024 02:04:50 PM	2
40	Ritik Ranjan Panda	04/13/2024 02:03:21 PM	04/13/2024 02:11:53 PM	9
41	Sandeep behera	04/13/2024 02:03:43 PM	04/13/2024 02:03:59 PM	1
42	Himansu bhusan Samal	04/13/2024 02:04:09 PM	04/13/2024 02:31:24 PM	28
43	Pranab Mandal	04/13/2024 02:04:12 PM	04/13/2024 02:13:32 PM	10
44	PRIYA PRADHAN	04/13/2024 02:04:22 PM	04/13/2024 02:42:56 PM	39
45	Himansu Sekhor Panda	04/13/2024 02:04:34 PM	04/13/2024 03:08:22 PM	64
46	Haragouri Mishra	04/13/2024 02:05:15 PM	04/13/2024 03:45:33 PM	101
47	Chaitanya naik	04/13/2024 02:05:50 PM	04/13/2024 03:44:12 PM	99

48	Xiaomi 2201117PI	04/13/2024 02:05:54 PM	04/13/2024 02:18:51 PM	13
49	Chinmaya Sahoo	04/13/2024 02:05:56 PM	04/13/2024 03:45:32 PM	100
50	Sagardeep Rana	04/13/2024 02:06:26 PM	04/13/2024 03:45:33 PM	100
51	Chandra Sekhar Patro	04/13/2024 02:06:56 PM	04/13/2024 02:09:03 PM	3
52	Alok Bishoyi	04/13/2024 02:07:01 PM	04/13/2024 02:13:26 PM	7
53	Chandra sekhar Patro	04/13/2024 02:07:04 PM	04/13/2024 02:11:05 PM	5
54	Subham Nayak	04/13/2024 02:07:18 PM	04/13/2024 02:57:08 PM	50
55	Soumya ranjan Parida	04/13/2024 02:07:23 PM	04/13/2024 02:08:09 PM	1
56	Girija Shankar Das	04/13/2024 02:08:05 PM	04/13/2024 03:05:32 PM	58
57	Debasish Padhi	04/13/2024 02:08:21 PM	04/13/2024 02:09:02 PM	1
58	Diptimayee sahoo	04/13/2024 02:08:33 PM	04/13/2024 03:44:54 PM	97
59	m tejeswari	04/13/2024 02:08:36 PM	04/13/2024 03:31:11 PM	83
60	Sanghamitra Satapathy	04/13/2024 02:08:49 PM	04/13/2024 03:45:33 PM	97
61	Sucharita Barik	04/13/2024 02:08:57 PM	04/13/2024 03:32:18 PM	84
62	Rickan Das	04/13/2024 02:08:59 PM	04/13/2024 02:11:35 PM	3
63	Mahesh kumar palai	04/13/2024 02:09:07 PM	04/13/2024 02:09:31 PM	1
64	Soumyashree Tripathy	04/13/2024 02:09:10 PM	04/13/2024 03:22:45 PM	74
65	SUJATA MAHATO	04/13/2024 02:09:14 PM	04/13/2024 03:12:28 PM	64
66	SUBHAM PRATAP RAY	04/13/2024 02:09:26 PM	04/13/2024 02:54:27 PM	46
67	G.likita	04/13/2024 02:09:39 PM	04/13/2024 03:13:27 PM	64
68	Debasish Padhi	04/13/2024 02:09:40 PM	04/13/2024 02:13:48 PM	5
69	Bikash Ranjan Tarafdar	04/13/2024 02:09:57 PM	04/13/2024 02:12:49 PM	3
70	Jagdish das	04/13/2024 02:10:09 PM	04/13/2024 03:45:33 PM	96
71	Ashish	04/13/2024 02:10:16 PM	04/13/2024 02:27:43 PM	18
72	Dr.Kirtimaya Mishra	04/13/2024 02:10:28 PM	04/13/2024 02:48:24 PM	38
73	Sandeep behera	04/13/2024 02:10:35 PM	04/13/2024 02:15:55 PM	6
74	Subrat Sahu	04/13/2024 02:10:40 PM	04/13/2024 02:13:35 PM	3
75	babita adhikary	04/13/2024 02:11:02 PM	04/13/2024 03:22:32 PM	72
76	Chandra Sekhar Patro	04/13/2024 02:11:09 PM	04/13/2024 02:18:36 PM	8
77	Archana Bacheli	04/13/2024 02:11:32 PM	04/13/2024 02:12:17 PM	1
78	Soumya ranjan Parida	04/13/2024 02:11:50 PM	04/13/2024 02:14:18 PM	3
79	Abinash Patra	04/13/2024 02:12:20 PM	04/13/2024 03:10:09 PM	58
80	Ritik Ranjan Panda	04/13/2024 02:12:23 PM	04/13/2024 03:45:20 PM	93
81	R. Varun kumar	04/13/2024 02:12:25 PM	04/13/2024 02:17:36 PM	6
82	Rakesh panda	04/13/2024 02:12:36 PM	04/13/2024 02:21:59 PM	10
83	Sunita	04/13/2024 02:12:58 PM	04/13/2024 02:15:12 PM	3
84	Donarani Bauri	04/13/2024 02:13:03 PM	04/13/2024 02:24:27 PM	12
85	Sourab Das	04/13/2024 02:13:35 PM	04/13/2024 02:47:43 PM	35
86	Rohit Satapathy	04/13/2024 02:13:38 PM	04/13/2024 02:16:15 PM	3
87	Yasoda Gouda	04/13/2024 02:13:59 PM	04/13/2024 02:14:13 PM	1
88	Roop Ranjan Rath	04/13/2024 02:14:15 PM	04/13/2024 03:07:45 PM	54
89	Dinesh Teli	04/13/2024 02:14:23 PM	04/13/2024 02:26:33 PM	13
90	Subrat kumar Sahu	04/13/2024 02:14:27 PM	04/13/2024 02:31:50 PM	18
91	Ipsita Patra	04/13/2024 02:14:33 PM	04/13/2024 03:34:23 PM	80
92	Nandan Kumar sahu	04/13/2024 02:15:35 PM	04/13/2024 02:17:49 PM	3
93	Shubhranshu	04/13/2024 02:15:48 PM	04/13/2024 02:19:45 PM	4
94	Kenguva Vamsi	04/13/2024 02:15:54 PM	04/13/2024 02:16:49 PM	1
95	Subham Panigrahi (Sonu)	04/13/2024 02:15:56 PM	04/13/2024 02:17:29 PM	2
96	iPhone	04/13/2024 02:16:09 PM	04/13/2024 02:29:19 PM	14
97	Rickan Jpc	04/13/2024 02:16:10 PM	04/13/2024 02:18:18 PM	3

98	Guruprasad Swain	04/13/2024 02:16:10 PM	04/13/2024 02:19:09 PM	3
99	Subham sahu	04/13/2024 02:16:25 PM	04/13/2024 02:18:08 PM	2
100	s siba prasad	04/13/2024 02:16:32 PM	04/13/2024 02:17:58 PM	2
101	Pedina Tarun Kumar	04/13/2024 02:16:35 PM	04/13/2024 02:52:58 PM	37
102	Prabeen mandal	04/13/2024 02:16:40 PM	04/13/2024 02:17:02 PM	1
103	Pranab Mandal	04/13/2024 02:17:06 PM	04/13/2024 02:56:52 PM	40
104	Hitesh Gouda	04/13/2024 02:17:10 PM	04/13/2024 02:17:34 PM	1
105	Dibyajyoti	04/13/2024 02:17:24 PM	04/13/2024 02:18:46 PM	2
106	Prabeen mandal	04/13/2024 02:17:29 PM	04/13/2024 03:17:07 PM	60
107	Simadri's iPhone	04/13/2024 02:17:48 PM	04/13/2024 02:51:36 PM	34
108	Chandra sekhar Patro	04/13/2024 02:17:56 PM	04/13/2024 03:45:33 PM	88
109	Rickan Das	04/13/2024 02:18:28 PM	04/13/2024 02:29:33 PM	12
110	Chandra Sekhar Patro	04/13/2024 02:18:38 PM	04/13/2024 02:19:36 PM	1
111	Gopal Padhy	04/13/2024 02:18:50 PM	04/13/2024 03:45:33 PM	87
112	Majhi Chandu	04/13/2024 02:19:11 PM	04/13/2024 02:20:30 PM	2
113	Jeevan Jyoti Jena	04/13/2024 02:19:18 PM	04/13/2024 03:45:33 PM	87
114	KOMMURU HARI KIRAN	04/13/2024 02:19:21 PM	04/13/2024 02:53:19 PM	34
115	Chandra Sekhar Patro	04/13/2024 02:19:37 PM	04/13/2024 02:26:44 PM	8
116	Satish Kumar	04/13/2024 02:19:49 PM	04/13/2024 02:41:35 PM	22
117	Tapan Sahoo	04/13/2024 02:19:51 PM	04/13/2024 02:22:59 PM	4
118	Dibyajyoti	04/13/2024 02:20:00 PM	04/13/2024 02:21:27 PM	2
119	Dhiraj Ray	04/13/2024 02:20:03 PM	04/13/2024 03:45:33 PM	86
120	Gnyanaranjan parida	04/13/2024 02:20:23 PM	04/13/2024 02:26:19 PM	6
121	Pratyush Biswal	04/13/2024 02:20:25 PM	04/13/2024 02:58:29 PM	39
122	Akash Sahu	04/13/2024 02:20:25 PM	04/13/2024 02:21:28 PM	2
123	Xiaomi 2201117PI	04/13/2024 02:21:19 PM	04/13/2024 03:45:33 PM	85
124	Satyajit Mishra	04/13/2024 02:21:24 PM	04/13/2024 02:22:14 PM	1
125	PHANIBHUSAN DAS	04/13/2024 02:21:26 PM	04/13/2024 02:22:20 PM	1
126	Jayshreemaa Biswal	04/13/2024 02:21:28 PM	04/13/2024 03:40:43 PM	80
127	JOGENDRA KUMAR YVV	04/13/2024 02:21:43 PM	04/13/2024 02:22:26 PM	1
128	Binayak Mishra	04/13/2024 02:22:06 PM	04/13/2024 03:00:16 PM	39
129	Soumya ranjan Parida	04/13/2024 02:22:25 PM	04/13/2024 02:23:50 PM	2
130	iPhone	04/13/2024 02:22:31 PM	04/13/2024 03:43:04 PM	81
131	Dibyajyoti	04/13/2024 02:22:38 PM	04/13/2024 03:02:57 PM	41
132	Subham Panda	04/13/2024 02:23:11 PM	04/13/2024 02:24:22 PM	2
133	Sumant Patra	04/13/2024 02:23:18 PM	04/13/2024 02:26:33 PM	4
134	Aradhana Panigrahi	04/13/2024 02:23:27 PM	04/13/2024 03:45:33 PM	83
135	Subham Panda	04/13/2024 02:24:35 PM	04/13/2024 02:26:59 PM	3
136	Budheswar ratnal	04/13/2024 02:24:45 PM	04/13/2024 02:38:29 PM	14
137	Nageswar Panda	04/13/2024 02:25:14 PM	04/13/2024 03:06:21 PM	42
138	Sandeep behera	04/13/2024 02:25:41 PM	04/13/2024 02:26:42 PM	2
139	Subham sahu	04/13/2024 02:26:08 PM	04/13/2024 02:28:09 PM	3
140	Durga Madaba Padhi	04/13/2024 02:26:12 PM	04/13/2024 02:40:08 PM	14
141	Samikshya naik	04/13/2024 02:26:15 PM	04/13/2024 02:35:22 PM	10
142	Debasish Padhi	04/13/2024 02:26:40 PM	04/13/2024 02:27:29 PM	1
143	Payal Panigrahi	04/13/2024 02:26:52 PM	04/13/2024 02:27:45 PM	1
144	Chandra Sekhar Patro	04/13/2024 02:27:06 PM	04/13/2024 02:29:58 PM	3
145	Binapani Barik	04/13/2024 02:27:24 PM	04/13/2024 03:38:32 PM	72
146	Sweta Bisoyi	04/13/2024 02:27:37 PM	04/13/2024 02:59:29 PM	32
147	Subham Panda	04/13/2024 02:27:48 PM	04/13/2024 02:39:54 PM	13

148	Pranati Hiyal	04/13/2024 02:27:55 PM	04/13/2024 02:34:35 PM	7
149	Ashish	04/13/2024 02:27:55 PM	04/13/2024 03:20:16 PM	53
150	UMA SAI SAI SANKAR BEHERA	04/13/2024 02:28:08 PM	04/13/2024 02:55:22 PM	28
151	Payal Panigrahi	04/13/2024 02:28:21 PM	04/13/2024 02:29:45 PM	2
152	Gangopadhyay Annanya	04/13/2024 02:28:21 PM	04/13/2024 02:53:50 PM	26
153	Prabin Swain	04/13/2024 02:28:29 PM	04/13/2024 03:23:43 PM	56
154	Subham sahu	04/13/2024 02:29:05 PM	04/13/2024 02:52:03 PM	23
155	Nilandri Gouda	04/13/2024 02:29:41 PM	04/13/2024 02:35:50 PM	7
156	Deepak Gouda	04/13/2024 02:30:00 PM	04/13/2024 02:35:00 PM	5
157	Debashis Dash (Samsung SM-A225	04/13/2024 02:31:11 PM	04/13/2024 02:43:44 PM	13
158	Himansu bhusan Samal	04/13/2024 02:31:37 PM	04/13/2024 03:45:24 PM	74
159	Payal Panigrahi	04/13/2024 02:31:44 PM	04/13/2024 02:32:03 PM	1
160	Moheswar Mohapatra	04/13/2024 02:31:49 PM	04/13/2024 02:32:09 PM	1
161	Nandan Kumar sahu	04/13/2024 02:32:34 PM	04/13/2024 02:33:28 PM	1
162	Subrat kumar Sahu	04/13/2024 02:32:42 PM	04/13/2024 02:34:52 PM	3
163	Debasruti Khadanga	04/13/2024 02:34:59 PM	04/13/2024 03:16:20 PM	42
164	Atish patra	04/13/2024 02:35:04 PM	04/13/2024 02:35:27 PM	1
165	Deepak Gouda	04/13/2024 02:35:28 PM	04/13/2024 03:45:33 PM	71
166	Subrat kumar Sahu	04/13/2024 02:36:58 PM	04/13/2024 02:37:29 PM	1
167	Lopamudra Choudhury	04/13/2024 02:37:04 PM	04/13/2024 02:37:35 PM	1
168	Budheswar ratnal	04/13/2024 02:38:02 PM	04/13/2024 02:59:31 PM	22
169	Suprava	04/13/2024 02:38:08 PM	04/13/2024 02:39:33 PM	2
170	Lopamudra Choudhury	04/13/2024 02:38:15 PM	04/13/2024 02:39:07 PM	1
171	Hemant Kumar Bagh	04/13/2024 02:38:43 PM	04/13/2024 02:39:11 PM	1
172	Subham Panda	04/13/2024 02:40:00 PM	04/13/2024 02:41:37 PM	2
173	Naresh Naik	04/13/2024 02:41:06 PM	04/13/2024 02:47:34 PM	7
174	K Shyam Sundar Rao	04/13/2024 02:41:30 PM	04/13/2024 03:45:33 PM	65
175	Subham Panda	04/13/2024 02:43:03 PM	04/13/2024 02:52:46 PM	10
176	iPhone	04/13/2024 02:43:43 PM	04/13/2024 02:44:42 PM	1
177	iPhone	04/13/2024 02:44:55 PM	04/13/2024 02:45:09 PM	1
178	Lilima Sarkar	04/13/2024 02:46:41 PM	04/13/2024 02:46:44 PM	1
179	Lilima Sarkar	04/13/2024 02:48:32 PM	04/13/2024 02:49:20 PM	1
180	Lilima Sarkar	04/13/2024 02:48:51 PM	04/13/2024 02:50:15 PM	2
181	Sailaja Sahu	04/13/2024 02:49:51 PM	04/13/2024 03:45:01 PM	56
182	Rajat Kumar Prusty	04/13/2024 02:52:54 PM	04/13/2024 03:45:33 PM	53
183	Gangopadhyay Annanya	04/13/2024 02:55:05 PM	04/13/2024 03:03:52 PM	9
184	KOMMURU HARI KIRAN	04/13/2024 02:55:14 PM	04/13/2024 03:06:13 PM	11
185	Mamalisa	04/13/2024 02:55:23 PM	04/13/2024 03:25:56 PM	31
186	SUBHAM PRATAP RAY	04/13/2024 02:57:01 PM	04/13/2024 03:38:20 PM	42
187	Subham Panda	04/13/2024 03:03:19 PM	04/13/2024 03:45:33 PM	43
188	motorola moto g54 5G	04/13/2024 03:07:30 PM	04/13/2024 03:45:31 PM	39
189	T Dilip Kumar	04/13/2024 03:10:09 PM	04/13/2024 03:11:46 PM	2
190	Abinash Patra	04/13/2024 03:12:01 PM	04/13/2024 03:27:37 PM	16
191	Talasi Dilip kumar	04/13/2024 03:13:24 PM	04/13/2024 03:16:57 PM	4
192	Sumankumar Choudhary	04/13/2024 03:20:38 PM	04/13/2024 03:45:33 PM	25
193	babita adhikary	04/13/2024 03:24:11 PM	04/13/2024 03:45:25 PM	22
194	Roop Ranjan Rath	04/13/2024 03:24:42 PM	04/13/2024 03:25:02 PM	1
195	Md Rizwan Ansari	04/13/2024 03:33:10 PM	04/13/2024 03:45:33 PM	13
196	Binapani Barik	04/13/2024 03:38:42 PM	04/13/2024 03:39:01 PM	1
197	Binapani Barik	04/13/2024 03:39:30 PM	04/13/2024 03:42:51 PM	4



198	Deepak Gouda	04/13/2024 02:26:45 PM	04/13/2024 02:27:29 PM	1
199	Chandra Sekhar Patro	04/13/2024 02:30:28 PM	04/13/2024 02:30:50 PM	1



## **School of Pharmacy, Centurion University of Technology and Management, Rayagada**

### **Webinar on Eco-Friendly and Economic Applications of Solubilizing Properties of Safe and Economic Solids in Various Fields of Pharmacy**

**Date:** 19th April 2024

**Organized by:** School of Pharmacy, Centurion University of Technology and Management, Rayagada

**Resource Person:** Dr. R.K. Maheshwari, Ex-Professor and Head, Department of Pharmacy, SGSITS, Indore, Madhya Pradesh

On 19th April 2024, the School of Pharmacy at Centurion University of Technology and Management, Rayagada, organized an enlightening webinar focused on exploring the eco-friendly and economic applications of the solubilizing properties of safe and economic solids across various domains of pharmacy. Dr. R.K. Maheshwari, an eminent Ex-Professor and Head from the Department of Pharmacy at SGSITS, Indore, Madhya Pradesh, served as the esteemed resource person for the event.

**Objective of the Webinar:** The webinar aimed to elucidate the significance of utilizing safe and economical solid materials as solubilizing agents in pharmaceutical formulations. Dr. Maheshwari delved into the eco-friendly aspects of this approach while highlighting its economic viability. The session sought to broaden participants' perspectives on sustainable practices in pharmacy and their potential implications for research, development, and industrial applications.

**Session Overview:** Dr. R.K. Maheshwari commenced the webinar with an insightful overview of the solubilizing properties of various safe and economic solid materials commonly employed in pharmaceutical formulations. He elucidated the advantages of utilizing these solids, such as enhanced solubility, bioavailability, and stability of active pharmaceutical ingredients (APIs), while minimizing environmental impact and production costs.

The session encompassed the following key discussions:

**Types of Safe and Economic Solids:** Dr. Maheshwari elaborated on a range of solid materials, including cyclodextrins, lipid-based carriers, polymers, and natural excipients, known for their solubilizing properties and biocompatibility. He highlighted their diverse applications in drug delivery systems, such as oral, topical, and parenteral formulations.

**Eco-Friendly Formulation Strategies:** The resource person emphasized the importance of adopting eco-friendly formulation strategies to reduce the ecological footprint of pharmaceutical manufacturing processes. He discussed green chemistry principles and sustainable approaches for selecting, designing, and synthesizing solubilizing agents with minimal environmental impact.

**Economic Benefits:** Dr. Maheshwari elucidated the economic advantages associated with incorporating safe and economic solids into pharmaceutical formulations. He underscored their potential to lower production costs, optimize drug delivery systems, and improve the affordability of healthcare products, particularly in resource-constrained settings.

**Case Studies and Applications:** The webinar featured case studies and real-world examples illustrating the practical applications of solubilizing properties of safe and economic solids in diverse fields of pharmacy, including drug solubilization, stabilization, taste masking, and controlled release formulations.

**Q&A Session:** Following the presentation, an interactive question-and-answer session provided participants with the opportunity to seek clarification on specific topics, share insights, and engage in constructive discussions with Dr. Maheshwari.

**Conclusion:** The webinar concluded with a vote of thanks to Dr. R.K. Maheshwari for his invaluable contributions and expertise in elucidating the eco-friendly and economical applications of solubilizing properties of safe and economical solids in pharmacy. The event was highly informative, inspiring participants to explore innovative approaches towards sustainable pharmaceutical development.

The School of Pharmacy sincerely appreciates all participants for their active participation and enthusiastic engagement in this enlightening discourse. The webinar has undoubtedly enriched the knowledge and understanding of eco-friendly practices among the pharmacy community at Centurion University, paving the way for future advancements in sustainable pharmaceutical research and development.

The screenshot shows a presentation slide with a light blue background and a dark blue sidebar on the left. The sidebar contains a vertical list of white dots. The main content area has a white background with red and black text. At the top right, there is a small video inset showing a man with a shaved head and a yellow shirt, who is speaking. The slide is titled "ECOFRIENDLY LECTURE SERIES 01 (Youtube)" in red. Below this, the topic is listed in black: "TOPIC - Ecofriendly and economic uv spectrophotometric analysis of poorly water soluble drugs by application of hydrotropy, mixed hydrotropy and mixed solvency concept, without the involvement of organic solvents." This is followed by "ECOFRIENDLY LECTURE SERIES 02 (Youtube)" in red, and another topic in black: "TOPIC - Ecofriendly and economic titrimetric analysis of poorly water soluble drugs by application of hydrotropy, mixed hydrotropy and mixed solvency concept, without the involvement of organic solvents." At the bottom left, the number "84" is visible. At the bottom center, there is a red progress bar and a "Stop sharing" button. At the bottom right, there is a vertical list of red dots.

REC

## Mixed Solvency Concept

### Parameter:2

- Blend: pH = 7.0
- Sodium benzoate – 5 % w/v
- Sodium caprylate – 5% w/v
- Sodium citrate – 5%w/v
- Poloxamer 407 – 5% w/v
- Water up to 100%

1.Frusemide solubility = 35 mg/ml in Blend (Water solubility less than 1 mg/ml)

2. Piroxicam solubility = 20 mg/ml in Blend (Water solubility less than 1 mg/ml)

63

RKM

[Stop sharing](#)

### List of Participants

15:30
64%

Close
Participants (41)

DR	Deepankar rath	
D	Dibya Ranjan Behera .	
G	G.likita	
H	Himansu Sekhor Panda	
I	iPhone	
IP	Ipsita Patra	
JK	JOGENDRA KUMAR	
KS	K Shyam Sundar Rao	
KS	Kamini Sethy	
MT	m tejeswari	
MR	Md Rizwan Ansari	
N	Nikky	
P	Pallishree	

Invite

15:30
65%

Close
Participants (41)

G	Gopal (me)	
DR	Dr. R.K. Maheshwari (Host)	
	Abinash Patra	
BS	B sanjita	
BA	babita adhikary	
BS	Bharatbhusan Sahu	
	Bighnaraj Sahu	
B	Bikash Singh Rajput	
CU	Centurion University_Rgda	
CK	Chandan Brahma	
CS	Chandra sekhar Patro	
	Deepak Gouda	

Invite





## **School of Pharmacy, Centurion University of Technology and Management, Rayagada**

### **Impact of Intellectual Property Rights (IPR) on Pharmaceutical Industry**

**Date:** 20th April 2024

**Organized by:** School of Pharmacy, Centurion University of Technology and Management, Rayagada

**Resource Person:** Dr. Ravi Sankar Kothamasu, Assistant General Manager, Intellectual Property Rights, NATCO PHARMA Limited

On 20th April 2024, the School of Pharmacy at Centurion University of Technology and Management, Rayagada, conducted an insightful webinar focusing on the impact of Intellectual Property Rights (IPR) on the pharmaceutical industry. The webinar aimed to shed light on the crucial role of IPR in shaping innovation, competition, and regulatory compliance within the pharmaceutical sector. Dr. Ravi Sankar Kothamasu, Assistant General Manager of Intellectual Property Rights at NATCO PHARMA Limited, served as the distinguished resource person for the event.

**Objective of the Webinar:** The primary objective of the webinar was to enhance participants' understanding of the significance and implications of intellectual property rights in the pharmaceutical domain. Dr. Kothamasu elucidated the complex interplay between patents, trademarks, copyrights, and regulatory exclusivities in driving industry research, development, marketing, and commercialization strategies. The session aimed to empower students and professionals with insights into navigating the IPR landscape and leveraging intellectual property for strategic advantage.

**Session Overview:** Dr. Ravi Sankar Kothamasu commenced the webinar by outlining the fundamental concepts of intellectual property rights and their relevance to the pharmaceutical sector. He elucidated the multifaceted nature of IPR, encompassing patents, trademarks, trade secrets, and regulatory exclusivities, and their distinct roles in protecting innovations, brands, and market exclusivities.

The session encompassed the following key discussions:

**Importance of Patents:** Dr. Kothamasu underscored the pivotal role of patents in incentivizing pharmaceutical innovation by granting exclusive rights to inventors for a specified period. He explained the patent lifecycle, from filing and prosecution to expiration and generic entry, and its impact on drug development, market access, and competition.

**Strategic Patenting and Portfolio Management:** The resource person elaborated on the strategic considerations involved in patent drafting, filing, and portfolio management within the pharmaceutical industry. He discussed tactics for maximizing patent protection, minimizing infringement risks, and optimizing the value of intellectual property assets.

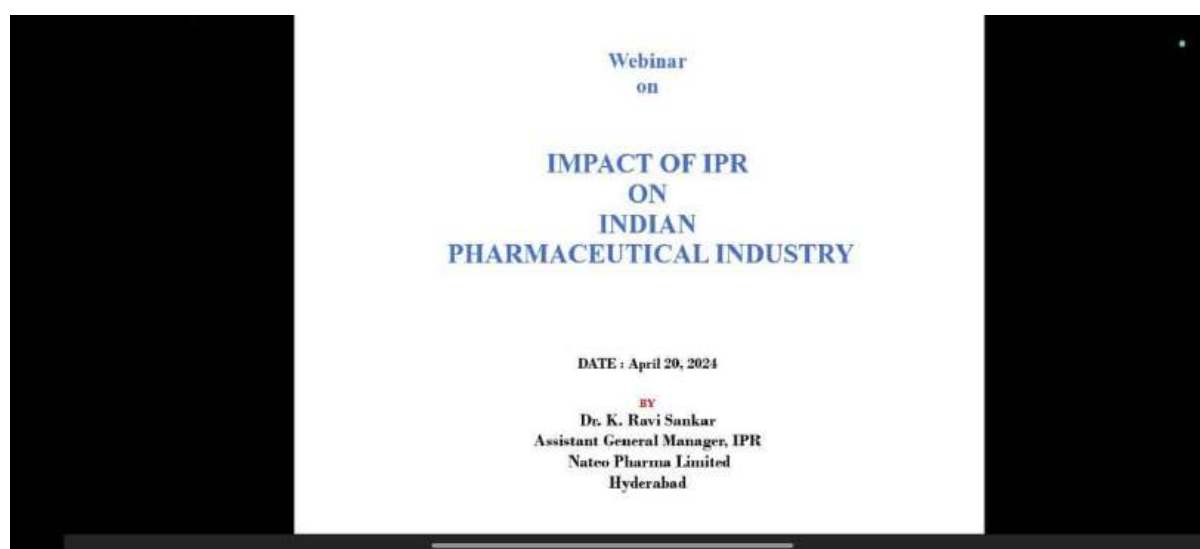
**IPR and Regulatory Compliance:** Dr. Kothamasu highlighted the intersection of intellectual property rights with regulatory requirements and market access strategies in the pharmaceutical sector. He addressed key regulatory frameworks governing drug approval, marketing authorization, data exclusivity, and patent linkage, and their implications for innovation, generic competition, and public health.

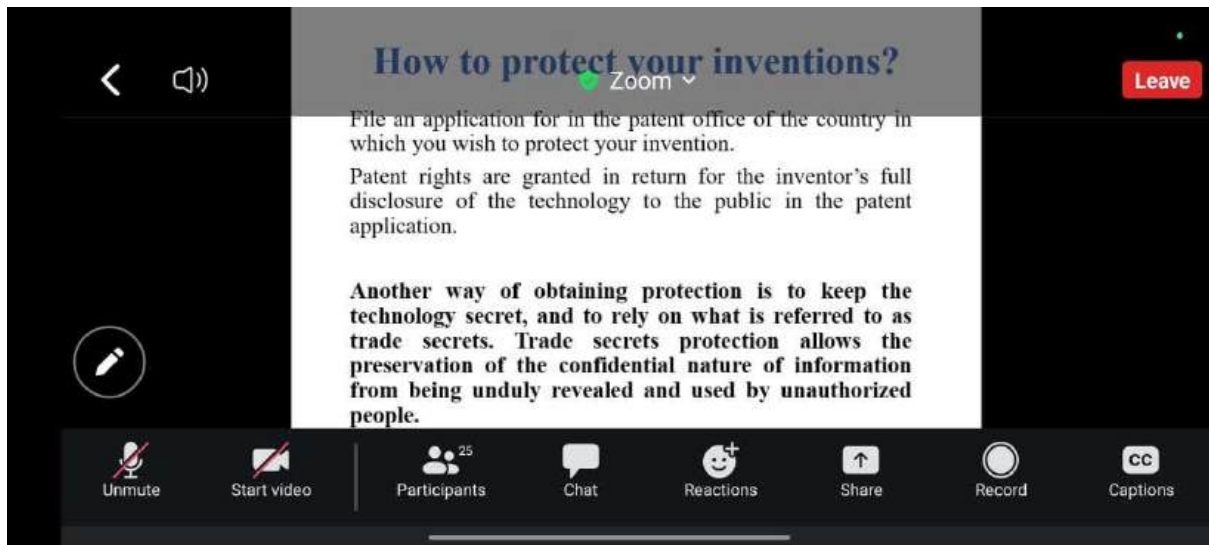
**Emerging Trends and Challenges:** The webinar explored emerging trends and challenges in pharmaceutical IPR, including the rise of biosimilars, the impact of digital technologies on patent strategies, and the evolving landscape of global patent litigation and enforcement.

**Q&A Session:** Following the presentation, a dynamic question-and-answer session allowed participants to seek clarification on specific topics, share insights, and engage in meaningful discussions with Dr. Kothamasu.

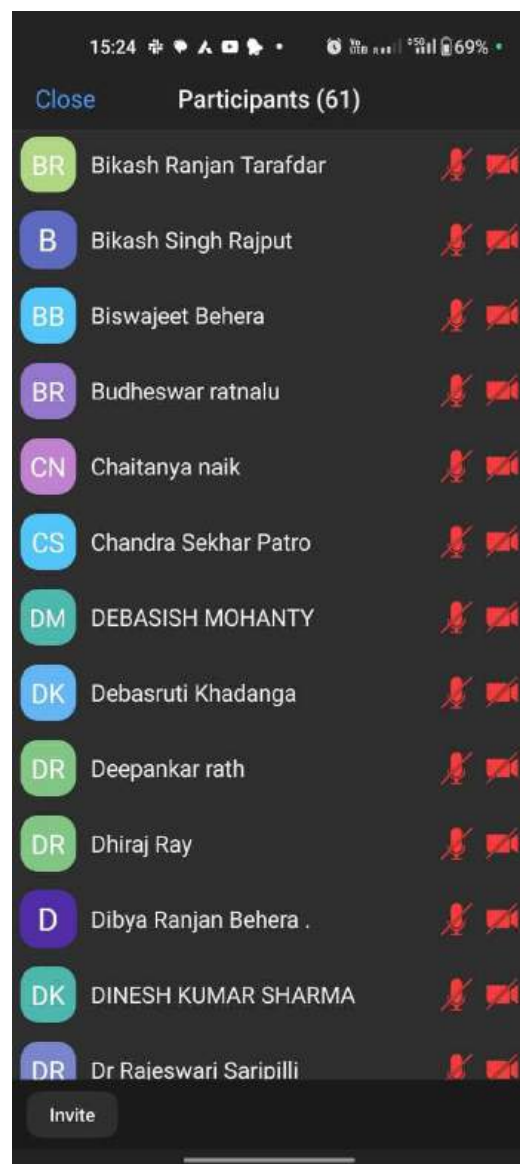
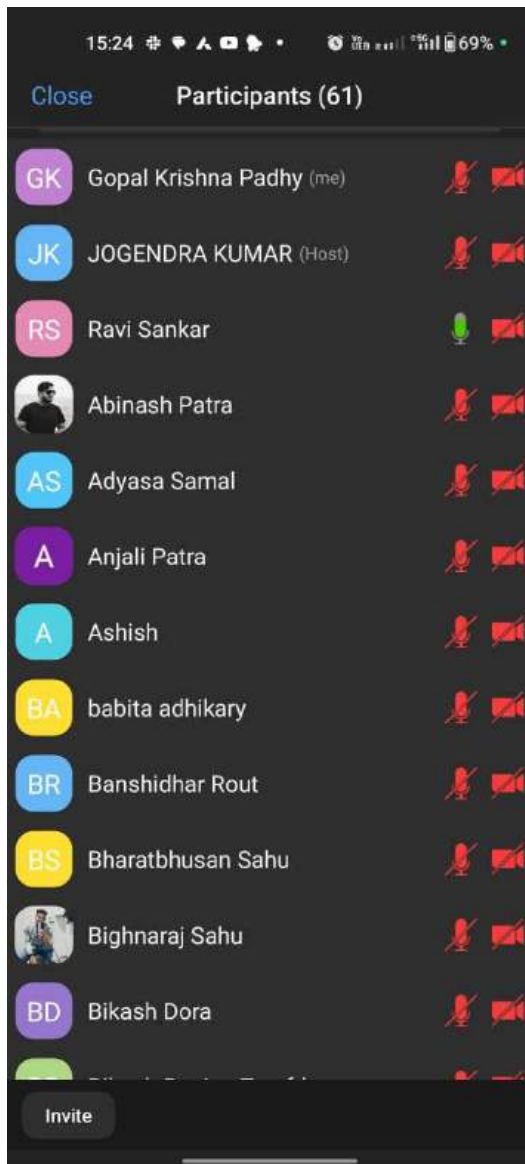
**Conclusion:** The webinar concluded with a vote of thanks to Dr. Ravi Sankar Kothamasu for his invaluable contributions and expertise in elucidating the impact of intellectual property rights on the pharmaceutical industry. The event proved to be highly informative, inspiring participants to appreciate the strategic significance of IPR in driving innovation, competitiveness, and compliance within the dynamic landscape of pharmaceuticals.

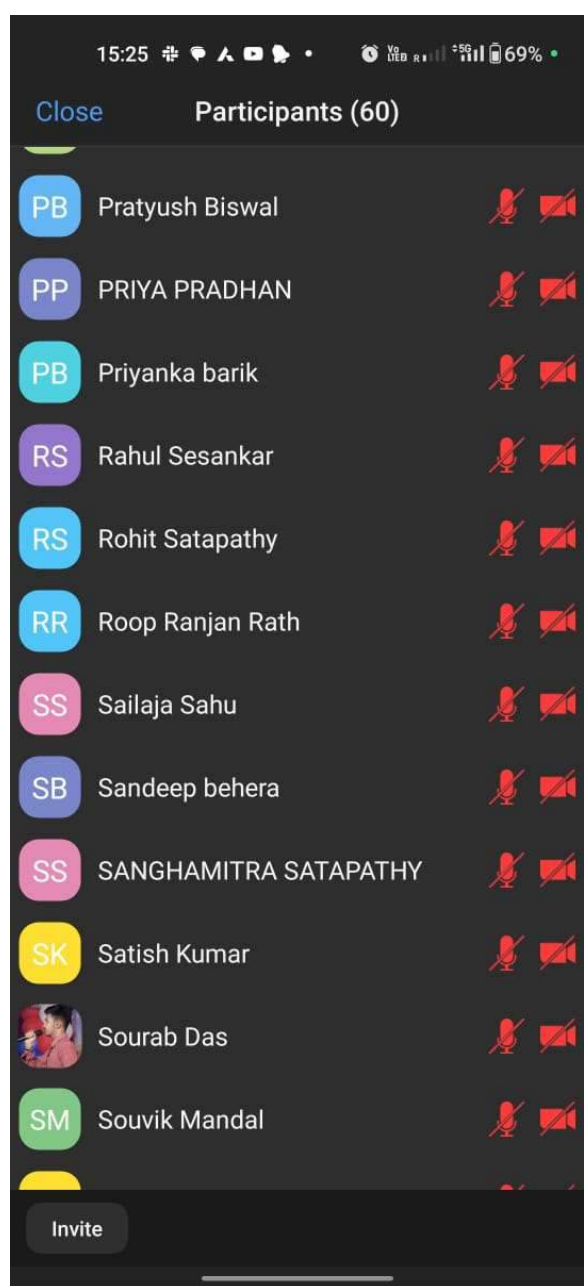
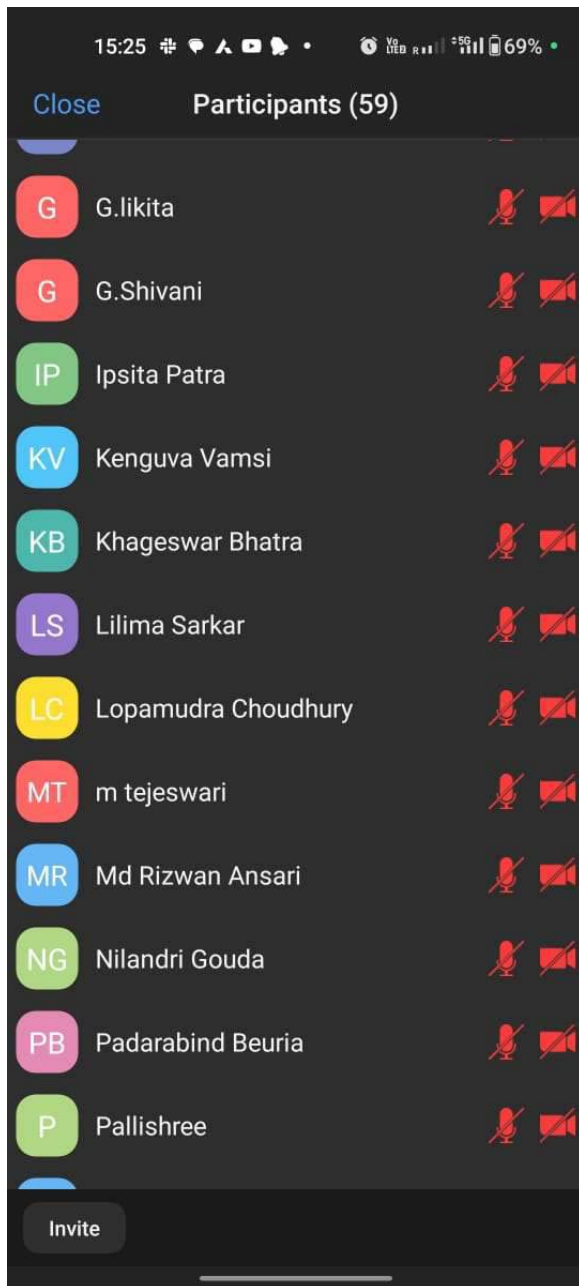
The School of Pharmacy sincerely appreciates all participants for their active engagement and enthusiastic participation in this enlightening discourse. The webinar has undoubtedly enriched the knowledge and understanding of intellectual property rights among the pharmacy community at Centurion University, empowering future leaders to navigate and leverage IPR for sustainable growth and innovation in the pharmaceutical sector.





### List of participants









**AYUSH Sponsored Two Days National conference cum Workshop on  
“Advancement in Animal Handling and Generative AI for Pre-clinical Studies”  
28<sup>th</sup> and 29<sup>th</sup> June 2024**

**29<sup>th</sup> June 2024-DAY TWO**

**PARALLEL SESSION**

**Time: 10.00 am -1.30 pm**

**Venue:** Centurion University of Technology and Management (CUTM)

**No of Participants:** 350

**DESCRIPTION:**

The second day's agenda for the AYUSH Sponsored Two Days National Conference cum Workshop includes parallel sessions featuring poster presentations by participants, evaluated by Dr. Amiya Kanta Mishra, Principal (CPS, Puri), and Dr. Sovan Pattnaik, Associate Professor (SPS, SOA University, Bhubaneswar), and oral presentations by participants, evaluated by Dr. Subrat Mallick, Professor (SPS, SOA University, Bhubaneswar), and Dr. Santosh Mohapatra, Professor (CPS, Puri) & Dean of Odisha University of Health Sciences.

The workshop on animal handling, coordinated by Ms. Tamosa Mukherjee, Assistant Professor, soFS, & Ms. Rupali Rupsmitta Rout, Assistant Prof. SoPLS, CUTM, covering experiments include drug administration routes (oral, intraperitoneal, intramuscular, intravenous), animal behavior studies (Rota rod, actophotometer, force swim apparatus, elevated plus maze) by Mr. Satish Kanhar Associate Professor, SoPLS, CUTM & Dr. Suman Kumar Mekap, Associate Professor, SoPLS, CUTM, at Pharmacology Lab, Room No: 110, MD Building, CUTM. Oestrous cycle and microscopic evaluation in female rats, open field study using Smart V software by Dr. Ashirbad Nanda, Associate Professor, SoPLS, CUTM & Mrs. Suchismita Mohanty, Scientific Staff, NISER, BBSR, at Animal House Experimentation

Room, Behind MD Building, CUTM. Bioanalysis of blood samples (SGPT, SGOT, CBC) by Ms. Sonalika Mahapatra, Assistant Professor, SoPAHS, CUTM and Mrs. Sangeeta Chhotaray, PhD Scholar, SoPAHS, CUTM, at Pathology Lab, 1<sup>st</sup> floor, MD Building, CUTM and radiographical observation of rat skeletons (X-ray) by Ms. P. Aswathi, Assistant Professor, SoPAHS, CUTM, at X-ray Lab, 2<sup>nd</sup> Floor, MD Building, CUTM.

This comprehensive agenda ensures that participants receive valuable insights into various aspects of animal handling and pre-clinical studies, enhancing their practical knowledge and skills.











**28<sup>th</sup> June 2024-DAY TWO**

## **VALEDICTORY SESSION**

**Time: 3.00-5.30 pm**

### **DESCRIPTION:**

The second day of the AYUSH Sponsored National Conference cum Workshop on "Advancement in Animal Handling and Generative AI for Pre-clinical Studies" included various insightful scientific sessions and concluded with a comprehensive wrap-up.

The day began with poster presentations evaluated by Dr. Amiya Kanta Mishra, Principal (CPS, Puri), and Dr. Sovan Pattnaik, Associate Professor (SPS, SOA University, Bhubaneswar), while oral presentations were evaluated by Dr. Subrat Mallick, Professor (SPS, SOA University, Bhubaneswar), and Dr. Santosh Mohapatra, Professor (CPS, Puri) & Dean of Odisha University of Health Sciences. The workshop, coordinated by Ms. Tamosa Mukherjee, Assistant Professor, SoFS, CUTM, and Ms. Rupali Rupasmita Rout, Assistant Prof., SoPLS, CUTM featured detailed sessions by Dr. Ashirbad Nanda, Associate Professor, SoPLS; Mr. Satish Kanhar, Associate Professor, SoPLS; Dr. Suman Kumar Mekap, Associate Professor, SoPLS; Mrs. Suchismita Mohanty, Scientific Staff, NISER, BBSR; Ms. Sonalika Mahapatra, Assistant Professor, SoPAHS; Mrs. Sangeeta Chhotaray, PhD Scholar, SoPAHS; Ms.P. Aswathi, Assistant Professor, SoPAHS.

The valedictory session was attended by distinguished guests including Dr. Gurudutta Pattnaik, Convener, Dean, SoPLS, CUTM; Prof. Biswajit Mishra, Pro VC (Academic) (CUTM); Prof. Ajay Kumar Nayak, Pro VC (Administration) (CUTM); Prof. Jagannath Padhi, Director, CUTM; Dr. Prafulla Nandi, Director, SoPLS, CUTM; Dr. Soumya Jal, Co-convener, School of Paramedics and Allied Health Sciences, CUTM; and Dr. Monali Priyadarsini Mishra, Associate Professor, School of Paramedics and Allied Health Sciences, CUTM; and Dr. Himansu Bhusan Samal (Organizing Secretary), All distinguished guests shared their experiences of the conference, discussing its success, smooth conduction, and positive outcomes. Some organizing committee members also shared their experiences, highlighting the collaborative effort behind the event's success, Following the valedictory session, Dr. Himansu Bhusan Samal, Organizing Secretary, Associate Prof. SoPLS, CUTM delivered the wrap-up talk, which was followed by the felicitation of judges and trainers, and prize

distribution to the winners of the poster and oral presentations. Trainers and participants shared their experiences, highlighting the knowledge and skills gained during the workshop. Dr. Monali Priyadarsini Mishra delivered the closing remarks, emphasizing the importance and success of the event. The day concluded with a group photo, capturing the memorable and enriching experience of the two-day conference and workshop, which ensured participants gained valuable insights into various aspects of animal handling and pre-clinical studies, significantly enhancing their practical knowledge and skills.









A



Attendance List:

<https://drive.google.com/file/d/1po9rkJPxzApCNru0hZN7vLnzB80H33zP/view?usp=sharing>







**AYUSH Sponsored Two Days National conference cum Workshop on  
“Advancement in Animal Handling and Generative AI for Pre-clinical Studies”  
28<sup>th</sup> and 29<sup>th</sup> June 2024**

**28<sup>th</sup> June 2024-DAY ONE**

**INAUGURAL SESSION**

**Time: 2.30-4.00 pm**

**Venue:** Centurion University of Technology and Management (CUTM)

**No of Participants:** 350

**DESCRIPTION:**

The AYUSH sponsored two-day national conference cum workshop on “Advancement in Animal Handling and Generative AI for Pre-clinical Studies” was successfully held on the 28<sup>th</sup> and 29<sup>th</sup> of June 2024 at Centurion University of Technology and Management (CUTM). Coordinated by Ms. Rupali Rupasmita Rout, Assistant Professor, SoPLS, CUTM.

The event commenced with a welcome speech and lighting of the lamp, followed by the introduction and felicitation of esteemed guests. Key figures such as Professor Hirendra Nath Ghosh, Director of NISER, BBSR; Prof. Supriya Pattanayak, Vice Chancellor of CUTM; Dr. Pradeep Kumar Naik, Joint Convener, Director CoE-NPT, Dept. of Biotechnology and Bioinformatics, Sambalpur University; Pro VC (Academic), CUTM Prof. Biswajit Mishra; Pro VC (Administration), CUTM Prof. Ajay Kumar Nayak; Prof. Jagannath Padhi, Director, CUTM; Dr. Prafulla Nandi, Director, SoPLS, CUTM; Dr. Gurudutta Pattnaik, Convener, School of Pharmacy & Life Sciences and Dr. Soumya Jal, Co-convener, School of Paramedics and Allied Health Sciences, CUTM were present. Dr. Gurudutta Pattnaik delivered the welcome address, setting the tone for the conference, followed by speeches from Dr. Pradeep Kumar Naik, Prof. Supriya Pattanayak, Prof. Biswajit Mishra, Prof. Ajay Kumar Nayak, Prof. Jagannath Padhi, and Dr. Prafulla Nandi. The abstract book unveiling marked a significant milestone, followed by the keynote address on the significance of the conference theme from Professor Hirendra Nath Ghosh. The inaugural session concluded with closing remarks from Dr. Soumya Jal. The event successfully brought together distinguished guests and experts,

fostering insightful discussions on advancements in animal handling and the integration of generative AI in pre-clinical studies.













## Chief Guest



**Professor Harendra Nath Ghosh**  
(Director, NISER)

**CHIEF PATRON**



Prof. (Dr.) Mukti Kanta Mishra  
President, CUTM

**PATRON**



Prof. D.N Rao  
Vice President, CUTM

**PATRON**



Prof. Supriya Pattanayak  
Vice Chancellor, CUTM

**CONVENER**



Dr. Gurudutta Pattnaik

**CO-CONVENER**



Dr. Pradeep Kumar Naik

**CO-CONVENER**



Dr. Soumya Jal

**ORGANIZING SECRETARY**



Dr. Himansu Bhusan Samal

**ORGANIZING SECRETARY**



Dr. Monali Priyadarsini Mishra

**INTERNAL ADVISORY BOARD**

Dr. Anita Patra  
Prof. Biswajit Mishra  
Dr. Ajay Kumar Nayak  
Prof. Jagannath Padhi  
Dr. Prafulla Nandi  
Prof. (Dr.) Narendra Kumar Parida,  
Senior Member-CCSEA, Govt. of India

Prof. Sunil K. Jha  
Dr. Pallab Das  
Dr. Chandra Sekhar Patro  
Dr. Prafulla Kumar Sahu  
Dr. Nityananda Sahoo

**CO-ORGANIZING SECRETARY**  
Dr. Ashirbad Nanda

**Mr. Satish Kanhar**  
**TREASURER**  
Dr. Suman Kumar Meikap  
Mr. Rajat Kumar Ray  
**SCIENTIFIC COMMITTEE**  
Dr. Kirtimaya Mishra  
Dr. Bikash Ranjan Jena  
Dr. Rasmita Dash  
Dr. Bhisma Narayan Rathia  
Dr. Koushik Bhattacharya  
Dr. Datta Sai Pamidimarri  
Dr. Chandan Kumar Brahma  
**HOSPITALITY AND TRANSPORT**  
Mr. Yashwant Giri  
Mr. Prasanna Parida  
Mrs. Shubhashree Das  
Mrs. Binapani Barik  
Mr. Biswajit Sahu  
**REGISTRATION COMMITTEE**  
Ms. Sucharita Babu  
Ms. Rasmita Jena  
Mr. Satya Narayan Tripathy  
Mrs. Aradhana Panigrahi  
Mrs. Diptimayee Jena  
Ms. Guptanjali Sahu  
Ms. Sushree Swagatika

Mrs. Himanta Mohanty  
Ms. Anushka Fernandes  
**STAGE COMMITTEE**  
Mrs. Rupali Rupamita Rout  
Dr. Srikraya Grandhi  
Ms. Salony Sreeya Pattnaik  
Mr. Debaprasad Routray  
Ms. Sushree Samita Swain  
Mr. Debashis Mishra  
Ms. Lipanjali Badhei  
**CERTIFICATE AND MEMENTO**  
Dr. Pratap Kumar Patra  
Mrs. Jyoshnerani Dash  
Ms. Jayeeta Dandapat  
Dr. Soumya Saswati Panigrahi  
Mrs. Itishree Mohapatra  
**CULTURAL COMMITTEE**  
Mrs. Rupali Rupamita Rout  
Mrs. Aradhana Panigrahi  
Ms. Deepika Ahuja  
Ms. Aswathi P  
**FOODING AND LODGING**  
Mr. Gnyana Ranjan Parida  
Mr. Abhishek Sahu  
Ms. Sonalika Mahapatra  
Mrs. Sangeeta Chhotaray

**Publication Partner**



**CRC Press**  
Taylor & Francis Group

**Contact Details**

Dr. Gurudutta Pattnaik, Dean, SoPLS  
Mobile No: 9348110393

Dr. Soumya Jal, Dean, SoPAHS  
Mobile No: 8825864370

Dr. Himansu Bhusan Samal, Associate Dean, SoPLS  
Mobile No: 9493393994

Dr. Monali Priyadarsini Mishra, Asso. Prof., SoPAHS  
Mobile No: 8700841230

**AYUSH Sponsored**

**Two Days National Conference cum Workshop on**

**"Advancement in Animal Handling and Generative AI for Pre-clinical Studies"**

**28th-29th June 2024**

*Organized by*

School of Pharmacy and Life Sciences (SoPLS) and  
School of Paramedics & Allied Health Sciences (SoPAHS)  
Centurion University of Technology & Management, Odisha

*Sponsored by:*

AYUSH (CCRAS), Centre for Drug Design  
and Centre for Medical Diagnostics

**Collaborations:**






## ABOUT AYUSH

AYUSH is an acronym that stands for Ayurveda, Yoga and Naturopathy, Unani, Siddha, and Homeopathy. It represents traditional systems of medicine practiced in India. CCRAS (Central Council for Research in Ayurvedic Sciences) is one of the funding bodies of the AYUSH which funds various research programs undertaking the use of traditional medicine with scientific validation in serving towards mankind. The Indian government's Ministry of AYUSH oversees the promotion, regulation, and research of these practices, aiming to integrate them into modern healthcare while preserving their cultural significance and global relevance.

## ABOUT US

Centurion University of Technology and Management (CUTM) is a private university located in Odisha, India. Established in 2010, it is recognized by the University Grants Commission (UGC) and accredited by the National Assessment and Accreditation Council (NAAC) with an A+ grade. The university focuses on providing quality education in various fields such as Pharmacy, Health Sciences, Veterinary, Engineering, Management, Agriculture and Applied sciences.

Centurion University of Technology and Management stands out for its holistic approach to education, blending academic rigor with practical skills, social responsibility, and industry collaboration, product development, pre-clinical trials to produce well-rounded graduates equipped to make meaningful contributions to society and the economy.

School of Pharmacy and Life Sciences and School of Paramedics and Allied Health Sciences are two emerging schools under its fraternity in providing quality based healthcare educational system to the society. Both the schools are pioneer in maintaining a robust ecosystem to strengthen the healthcare facilities.

## ABOUT THE CONFERENCE

This Conference on Generative AI in Animal Experiments in Pharmacology represents a groundbreaking convergence of two distinct fields, artificial intelligence (AI) and pharmacological research involving animal models. This unique conference brings together experts from both domains to explore the potential of generative AI techniques in revolutionizing the way pharmaceutical compounds are tested and evaluated in preclinical studies. By leveraging generative AI algorithms, researchers aim to simulate and predict the effects of drugs on biological systems, reducing the reliance on animal experimentation while maintaining scientific rigor and accuracy. Attendees present cutting-edge research on AI-driven drug discovery, computational modelling of drug interactions and virtual screening of pharmaceutical compounds, showcasing the transformative potential of AI in advancing pharmacological research practices. Furthermore, the conference serves as a catalyst for interdisciplinary collaboration, fostering dialogue between AI developers, pharmacologists, and regulatory authorities to address ethical considerations, regulatory challenges, and the responsible integration of AI technologies in animal experiments within the field of drug development.

The selected abstract will be published in CRC press, Taylor and Francis. Taylor & Francis Group is an international company originating in England that publishes books and academic journals. It is a division of Informa, a United Kingdom-based publisher and conference company.

## OBJECTIVES

- To develop and implement advanced animal handling techniques and protocols.
- To use Generative AI in minimizing the use of experimental animals and generate precise in-vivo data. It will also provide a platform to exchange information and ideas on the recent trends in Pharmaceutical and Biomedical research.

## WHO CAN ATTEND

Students, Research Scholars, Faculty Members, Pharmacists, Industry Personnel and Health Care Professionals.

## SCIENTIFIC ORAL & POSTER PRESENTATION

**Specializations Area:**

- Pharmacaceutics
- Pharmacology
- Pharmaceutical Chemistry
- Pharmaceutical Analysis
- Pharmacognosy
- Pharmacy Practice
- Allied Science/Biomedical Sciences
- Life Science
- Bioinformatics & Computational Biology
- AI in Drug Development
- AI in Healthcare

## ABSTRACT SUBMISSION GUIDELINES

Participants are invited to present original research and review papers. The abstract should not exceed 250 words and should be submitted online. Abstract must include: Title, Authors' Name with Affiliation, Objectives, Methodology, Results and Discussion with Font-Times New Roman & Font Size-12. Presenting Author name should be in bold letters. Selected abstracts will be published in CRC press, Taylor and Francis.

**Abstract should be sent by the below mentioned link**  
<https://forms.gle/RWLK4U1McSXjdKC9>  
**For any queries, Please mail at : [spls@cutm.ac.in](mailto:spls@cutm.ac.in)**  
**Contact No: 9777533626, 8639431464, 9944337088**

## POSTER PRESENTATION

Posters must be designed in portrait size of 90cm x 120cm.

## ORAL PRESENTATION

Time allotted is only 10 Min for PowerPoint Presentation.

## IMPORTANT DATES

Last Date of Abstract Submission: 30th May 2024  
 Notification of Acceptance of Abstract: 10th June 2024  
 (Selected Full Papers will be published in Taylor and Francis from the shortlisted Abstracts after final approval from the editor which will be reflected in Scopus database)  
 Last Date of Registration: 15th June 2024

## KEY SPEAKERS



Dr. Sourav Chawla  
Scientific Officer  
NISER, Bhubaneswar, Odisha



Dr. Prafulla Nandi  
Senior Lecturer/Pharmacy and  
Life Sciences, Centurion University, Odisha



Mr. Sanjeev Kumar Das  
Associate Professor,  
School of Computer Science,  
Centurion University Odisha



Dr. Samanta Sekhar Khora  
Professor Higher Academic Grade  
School of the Sciences & Technology,  
Indian Institute of Technology  
Patna, Saran, India

## TRAINERS FOR ANIMAL EXPERIMENTATION



Dr. Ashirbad Nanda  
Associate Professor  
SoPLS, CUTM



Mr. Satish Kanhar  
Associate Professor  
SoPLS, CUTM



Mr. Suman Kumar Meikap  
Associate Professor  
SoPLS, CUTM

## REGISTRATION FEE

Category	On or Before 15th June 2024	Spot Registration
Students	Rs. 800/-	Rs. 1000/-
Faculty	Rs. 1200/-	Rs. 1500/-
Industry	Rs. 1500/-	Rs. 2000/-

**FOR REGISTRATION & PAYMENT**  
 Kindly pay with the below mentioned link  
<https://forms.gle/ZrNpp1NEad6EmiqKA>

## **28<sup>th</sup> June 2024-DAY ONE, SCIENTIFIC SESSION ONE**

### **“The contribution of preclinical research to medical advances : Some case report”**

**Time: 4.10-04.40 pm**

**Speaker:** Professor Hirendra Nath Ghosh, Director, National Institute of Science Education and Research (NISER)

**Session Coordination:** Dr. Srikavya Grandhi, School of Paramedics and Allied Health Sciences, CUTM

**Chair:** Dr. Sagar Kumar Mishra, Head, UDPS, Utkal University

**Co-chair:** Dr. Snigdha Pattnaik, Professor, SPS, SOA University

#### **SPEAKER’S PROFILE:**

Dr. Samanta Sekhar Khora is a Professor (Higher Academic Grade) in the School of Biosciences & Technology at VIT University, Vellore. With over 40 years of professional experience, he is an accomplished marine biologist specializing in marine toxicology, animal toxicology, biotechnology, and food science. Dr. Khora holds a Ph.D. in Marine Biology from Berhampur University, where he focused on poisonous and venomous marine fishes of India, and completed his post-doctoral fellowship at Tohoku University, Japan in 1990. Recognized among the top 2% career scientists globally by Stanford University in 2022, Dr. Khora has published extensively and supervised over 12 PhD scholars and more than 100 MSc/B Tech students. He is a life member of several scientific societies and has received numerous accolades, including the best paper presentation at the 20th International Conference on Marine Biotechnology and Resources in Sydney, 2018. He has also delivered keynote talks at international conferences, such as the NSFT-2018 in Rome.

Dr. Khora has held prestigious positions at VIT University, including Deputy Director (Academic Research), Dean I/c (School of Biosciences & Technology), and Program Manager for MSc Integrative Biology and BSc Biotechnology programs. His contributions to marine biology and biotechnology continue through his research, teaching, and active involvement in scientific communities.

## **DESCRIPTION:**

Professor Hirendra Nath Ghosh delivered a compelling keynote address, setting the tone for the conference by highlighting the significance of advancements in animal handling and the role of generative AI in pre-clinical studies. His address covered the latest innovations and methodologies that are transforming pre-clinical research, emphasizing the ethical considerations, scientific rigor required in the field and about importance, step involves in preclinical trials , utilization of animal in drug discovery, vaccine development and RRR IN EXPERIMENTAL RESEARCH.

The scientific session, expertly coordinated by Dr. Srikavya Grandhi, featured contributions from leading experts, fostering a collaborative environment for discussing cutting-edge research and developments. Dr. Sagar Kumar Mishra and Dr. Snigdha Pattnaik provided valuable insights as Chair and Co-chair, respectively, guiding the session's discussions and ensuring a comprehensive exploration of the topics presented. The session ended with the felicitation of the speaker, acknowledging his valuable insights and contributions to the field.

In summary, the conference's keynote address and scientific session were pivotal in highlighting the critical advancements and ethical considerations in pre-clinical studies, promoting a deeper understanding of the integration of generative AI in animal handling for pre-clinical research.





**28<sup>th</sup> June 2024-DAY ONE, SCIENTIFIC SESSION TWO**  
**“CARCINOGENICITY STUDIES IN PHARMACEUTICALS (ICH-S1A)”**

**Time: 4.40-5.10 pm**

**Speaker:** Dr. Prafulla Nandi, Director, SoPLS, CUTM

**Session Coordination:** Dr. Srikavya Grandhi, School of Paramedics and Allied Health Sciences, CUTM

**Chair:** Dr. Sagar Kumar Mishra, Head, UDPS, Utkal University

**Co-chair:** Dr. Snigdha Pattnaik, Professor, SPS, SOA University

**SPEAKER’S PROFILE:**

Dr. Prafulla Nandi holds a Doctorate in Pharmaceutical Sciences and has over 32 years of experience in Pharmaceutical Research & Global Regulatory Affairs. He specializes in global regulatory submissions for regions including the USA, EU, Canada, Australia, and emerging markets like Brazil, CIS, and South Africa, with extensive knowledge in global drug development for highly regulated markets such as the USA and Europe. Dr. Nandi's expertise encompasses regulatory strategies for solid-orals, parenteral, and ophthalmic formulations, including oncological drug products, and the development and execution of regulatory submissions (IND, ANDA, ANDS, MAA, DMF, CEP). He has attended numerous Scientific Advice Meetings with regulatory agencies such as USFDA, MHRA, BfArM, MPA, MEB, HPB, TGA, and EDQM, and has collaborated with overseas consultants like Washington Foods & Drugs, Kendle, AAC, INC Research, Canreg, Hewitt, PharSolutions, AET, and Peter Monger Associates. Academically, Dr. Nandi has spoken at numerous national seminars hosted by the Indian Pharmaceutical Association and Indian universities, published several scientific papers in national and international journals, and is currently guiding three PhD scholars in Pharmaceutics and Regulatory Affairs, focusing on the development of pharmaceuticals, nutraceuticals, and cosmetics using Quality by Design (QbD) principles. His areas of expertise include Pharmaceutical Research, Global Regulatory Affairs, and Quality Management. He has visited several countries, including the USA, UK, Germany, Sweden, Denmark, Netherlands, France, Spain, Italy, Canada, Australia, and South Africa, for professional engagements and scientific meetings.

## DESCRIPTION:

Dr. Prafulla Nandi delivered an insightful presentation on "Carcinogenicity Studies in Pharmaceuticals (ICH-S1A)," covering various aspects of carcinogenicity testing within the pharmaceutical industry, including the global and Indian pharma markets, and essential factors to consider. The global pharmaceutical market is experiencing rapid growth driven by advancements in biotechnology, increasing prevalence of chronic diseases, and significant investments in R&D. Different regions have varying regulatory requirements for drug approvals, with stringent guidelines in highly regulated markets like the USA and the EU. India, a significant player in the global pharmaceutical market, is known for its cost-effective manufacturing and substantial generic drug production, with its regulatory framework evolving to align more closely with international standards. The session focused on the ICH-S1A guidelines, which provide a harmonized approach to carcinogenicity testing of pharmaceuticals, highlighting key factors such as the selection of appropriate animal models, dosing regimens, and study duration.

The scientific session, expertly coordinated by Dr. Srikavya Grandhi, Dr. Sagar Kumar Mishra and Dr. Snigdha Pattnaik provided valuable insights as Chair and Co-chair, respectively, guiding the session's discussions and ensuring a comprehensive exploration of the topics presented. The session ended with the felicitation of the speaker, Chair and Co-chair, respectively, acknowledging their valuable insights and contributions the field.









## **28<sup>th</sup> June 2024-DAY ONE, SCIENTIFIC SESSION THREE**

### **“Generative ai in pharma , explained about Role of generative ai in drug discovery and to identify the challenges and Limitations currently faced in integrating generative ai with animal handling”**

**Time: 5.15-5.45 pm**

**Speaker:** Mr. Saneev Kumar Das, Assistant Professor, SoET, CUTM

**Session Coordination:** Ms. Salony Sreeya Pattnaik, Assistant Prof., School of Paramedics and Allied Health Sciences, CUTM

**Chair:** Dr. Amiya Kumar Prusty ,Dean, Faculty of Pharmacy, CGU,BBSR

**Co-chair:** Prof. (Dr.) Narendra Kumar Parida, Principal, TCP,BBSR

#### **SPEAKER’S PROFILE:**

Mr. Saneev Kumar Das an ethical researcher with excellent communication skills, passionate about teaching as both an art and a skill. With a Master's degree from the College of Engineering & Technology, Bhubaneswar, and an undergraduate degree from Govt. College of Engineering, Kalahandi. He have significant experience in ethical research, research simulation, and various technical skills including machine learning, federated learning, MATLAB, and GIS tools. Currently, He is working as an Assistant Professor at Centurion University of Technology and Management and previously served at Gandhi Engineering College. He have published in several SCI-E indexed journals and reputed international conferences, with research interests spanning geospatial computing, COVID-19 impact assessment, federated learning, and deep learning.

#### **DESCRIPTION:**

Mr. Saneev Kumar Das delivered an enlightening presentation on the topic "Generative AI in Pharma," discussing the significant role of generative AI in drug discovery and highlighting the current challenges and limitations faced in integrating generative AI with animal handling. He emphasized how generative AI can accelerate drug development by predicting molecular structures and optimizing drug candidates, leading to substantial cost savings and innovative approaches in identifying novel drug compounds. However, challenges such as data quality,

integration with traditional animal testing methods, and ethical considerations in using AI in drug discovery and testing were also highlighted.

The session included a lively discussion on practical applications of generative AI in pharma, focusing on data integration, regulatory compliance, and future prospects of AI technologies. The presentation concluded with a felicitation ceremony where Mr. Saneev Kumar Das was honored for his contributions, with Chair Dr. Amiya Kumar Prusty and Co-chair Prof. (Dr.) Narendra Kumar Parida expressing their appreciation for his informative and engaging insights, underscoring the importance of ongoing research and innovation in pharmaceutical sciences.





## **28<sup>th</sup> June 2024-DAY ONE, SCIENTIFIC SESSION FOUR**

### **“PREDCTIVE MODELS OF ANIMAL BEHAVIOUR”**

**Time: 5.45-6.15 pm**

**Speaker:** Dr. Saurav Chawla, Scientific Officer, NISER, BBSR

**Session Coordination:** Ms. Salony Sreeya Pattnaik, Assistant Prof., School of Paramedics and Allied Health Sciences, CUTM

**Chair:** Dr. Amiya Kumar Prusty ,Dean, Faculty of Pharmacy, CGU,BBSR

**Co-chair:** Prof. (Dr.) Narendra Kumar Parida, Principal, TCP,BBSR

#### **SPEAKER'S PROFILE:**

Dr. Saurabh Chawla, a Doctor of Veterinary Medicine, currently leads the National Centre for Animal Research and Experimentation (NCARE) at the School of Biological Sciences, NISER. With an undergraduate degree and specialization from CSKHPKV, College of Veterinary Sciences, Palampur, HP, he has played a pivotal role in designing and establishing a National Facility for Lab Animal Sciences, facilitating diverse research in various basic and applied fields. His multifaceted expertise encompasses roles as a clinician, pre-clinical researcher, toxicologist, manager, and orator. Specializing lab animal science he has published papers in the area of cancer biology, toxicology, and wound healing, he holds accolades as a gold medallist and recipient of prestigious awards. Dr. Chawla's impactful contributions include numerous research articles, guest-speaking engagements at conferences, and memberships in global professional bodies.

Beyond his scientific pursuits, Dr. Chawla is a national-level sportsperson excelling in basketball and powerlifting, with a passion for running and cycling, evident in several completed half marathons. His dedication to health extends to hosting "Healthy Talks with Dr. Saurabh Chawla," featuring interviews with sports personalities and educational nutrition videos. Actively involved in animal welfare, he provides free treatment to sick animals, showcasing a holistic commitment to both human and animal well-being.



## DESCRIPTION:

Dr. Saurav Chawla, delivered an insightful presentation on "Predictive Models of Animal Behaviour" in a session coordinated by Ms. Salony Sreeya Pattnaik. He discussed the development and application of predictive models to understand and anticipate animal behavior, highlighting their significance in research and practical applications. He addressed various methodologies and technologies used in creating these models, emphasizing their potential to enhance our understanding of animal behavior patterns.

Following the presentation, a lively query round ensued, with participants posing questions about the practical implementation of these models, data accuracy, and ethical considerations in animal behavior studies. The session concluded with a felicitation ceremony, where Dr. Chawla, Dr. Prusty, and Prof. (Dr.) Parida were honored for their contributions and leadership. Their efforts in advancing research in predictive models of animal behavior were greatly appreciated, highlighting the importance of continued innovation and collaboration in this field.





Following the lively scientific session by Dr. Saurav Chawla, Scientific Officer at NISER, BBSR, on "Predictive Models of Animal Behaviour," a vibrant cultural event took place, showcasing the talents of students from various schools. The event, coordinated by Ms. Salony Sreeya Pattnaik, Assistant Professor at the School of Paramedics and Allied Health Sciences, CUTM, provided a platform for students to display their artistic skills through a variety of performances.

The cultural event concluded with a round of applause and recognition for the participants, emphasizing the importance of holistic development and the celebration of cultural diversity in educational institutions. The success of the event underscored the significance of integrating cultural activities alongside academic pursuits to enrich the overall educational experience.



#### **ATTENDANCE LIST:**

<https://drive.google.com/file/d/1po9rkJPxzApCNru0hZN7vLnzB80H33zP/view?usp=sharing>





**Name of the event: National Pharmacovigilance Week : “Expert Talk”**

**Theme: “Boosting public confidence in Pharmacovigilance”**

**Name of Resource Person : Mr Rakhal Chandra Das**

**Date : 23.09.2023**

**Brief Report of the event:**

3rd National Pharmacovigilance Week has been celebrated by School of Pharmacy and Life Sciences at Bhubaneswar campus with the theme "Boosting public confidence in Pharmacovigilance". For the occasion, School has successfully organized expert talks for students. For this event Mr. Rakhal chandra Das, working as an aggregate report writer in Cognizant Technology Solutions, delivered his talk on "Boosting public confidence in Pharmacovigilance," an initiative to develop a culture of patient centricity and safety in the country. Mr Rakhal has explained about the importance of Pharmacovigilance drug use, how it plays a major role in safe, rational effective use of medication, how uncertain death due to adverse effect of drugs can be prevented, role of pharmacist in reporting of Adverse drug reactions and so on. All the students benefited from this program.

**FLYER:**



**Centurion University of Technology and Management**



**EXPERT TALK**

***“Boosting Public Confidence in Pharmacovigilance”***  
***An initiative to develop a culture of patient centricity and safety in the country***



**# Speaker**  
**Mr. Rakhal Chandra Das**  
**Aggregate Report Writer**  
**Cognizant Technology Solutions**

**# Organized by**  
**School of Pharmacy and Life Sciences**

**# Date/Time**  
**23.09.2023 (Saturday)/2.30 PM – 4.00 PM**

**# Venue**  
**Room No-509, 5th Floor, Madhusudan Building**

[www.cutm.ac.in](http://www.cutm.ac.in)

### Photographs of the event:



## Attendance:



**Name of the Activity: Webinar on “Career Guidance, GPAT Exam Preparation and Development Of Soft Skills”**

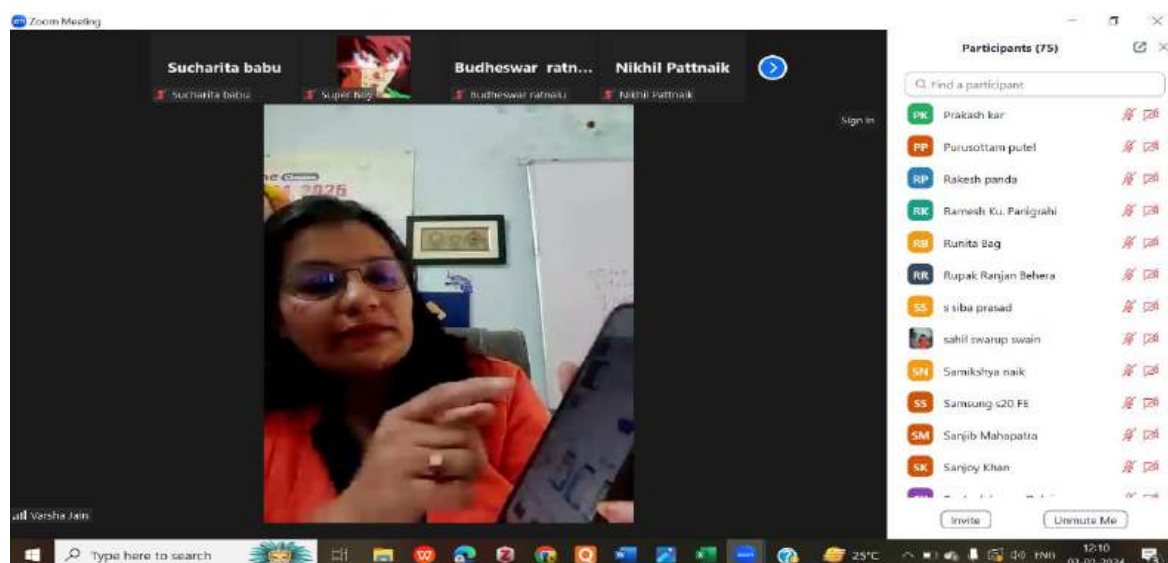
**Duration Of Activity: 1 Day**

**Date: 03.02.2024**

**No. of participant: 100**

**Brief report of the activity:** A webinar has been organised for pre-final year students of School of Pharmacy and Life Sciences Centurion University by GPAT DISCUSSION CENTER. The resource person for the event was **Dr. Peeyush Jaiswal**, Professor and Director at GPAT Discussion Centre Pvt. Ltd. is a Pharma training professional with extensive leadership experience in various competitive exam preparation. He had qualified GATE, GPAT 4 times. He has more than 16 years of experience in shaping the Pharma aspirants for their bright future, around 20,000+ students qualified GPAT, NIPER, Drug Inspector, Pharmacist exams under his guidance. Dr. Peeyush guided the students on preparing for competitive examinations, provided career guidance and so on. Students from across the campus also joined the webinar and interactive question answer session was happened. Miss Varsha Jain coordinated the session from GDC, Dr Himansu Bhusan Samal, Associate dean and Miss Sucharita Babu, Assistant Professor, School of Pharmacy and Life Sciences, CUTM, Bhubaneswar.

**Photographs of the event with date and caption:**





Brochure/Circular related to the event:



Centurion  
UNIVERSITY  
*Shaping Lives,  
Empowering Communities...*



GPAT<sup>TM</sup>  
DISCUSSION  
CENTER

**IN ASSOCIATION WITH GDC**

**SCHOOL OF PHARMACY AND LIFE SCIENCES**

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**Bhubaneswar**

*Organizing*

**Career Guidance, GPAT Exam Preparation  
& Development of Soft Skills**

*Join Online Webinar*



**EMINENT SPEAKER**  
**DR. PEEYUSH JAISWAL**  
*(Director & Mentor)*  
GPAT Discussion Center Pvt. Ltd

**PRINCIPAL**  
**DR. GURUDUTTA PATTNAIK**  
SCHOOL OF PHARMACY AND LIFE SCIENCES  
CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

**COORDINATOR**  
**DR. HIMANSU BHUSAN SAMAL**  
*(Associate Professor)*  
SCHOOL OF PHARMACY AND LIFE SCIENCES  
CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT



**3 FEB  
2024**



**12:00  
PM**



**Name of the Activity: Expert Talk on "Secrets of Placement in Clinical Research & Healthcare Industry "**

**Duration Of Activity: 1 Day**

**Date: 16.03.2024**

**No. of participant: 175**

**Brief report of the activity: School of Pharmacy and Life Sciences in Collaboration with Placement Cell & Centre for Drug Design** successfully conducted a webinar entitled on **"Secrets of Placement in Clinical Research & Healthcare Industry "** on 16th March, 2024 from 11:00 AM to 12:30 PM. More than **150+** students from different Campuses including D. Pharm, B. Pharm and M. Pharm streams were present and interacted with the resource persons, for developing their knowledge on the various aspects of Job and research in the health care system, forecasting to Clinical research.

The resource person, **Mr. Vishal Choudhury**, (Associate Director) Cliniversity had spoke about the challenges and opportunities for the upcoming future placements and key secrets, steps behind achieving better Job in pharmaceutical sector. **Mr. Vishal** delivered various aspects of career development options with examples of recruiters alert through linked in connections, He has also explained the strategies, key plans to achieve Best Placement record, prime goals lying for future budding pharmacists and to the students. **Dr. Gurudutta Pattnaik** and **Dr. Himansu Bhusan Samal** taken the lead and Support for conducting the webinar smoothly for Career Counselling activities.

We are very much thankful to **Dr. Gurudutta Pattnaik**, (Dean, SoPLS), **Dr. Prafulla Nandi**, (Director, SoPLS), **Dr. Himanshu Bhusan Samal** (Asso. Dean, SoPLS) and Placement Career Co-ordinators, **Dr. Bikash Ranjan Jena**, **Mr. Prasanna Parida**, **Mr. Abhisek Sahu**, **Mr. Satya Narayan Tripathy**, **Ms. Rupali Rupasmita Rout**, and **Ms. Sucharita Babu** for their active support and colleagues of School of Pharmacy for their in-time and positive engagement with the students.

Brochure/Circular related to the event:



**School of Pharmacy and Life Sciences**  
**Centurion University, Odisha**

Organized by:  
**School of Pharmacy and Life Sciences, in association**  
**with Training and Placement cells, CUTM**



**Webinar on**

# **Secrets of Placements**

in Clinical Research & Healthcare Industry

**16 March 2024**

Saturday @ 11 Am- 12.30 PM

**Faculty Coordinator**  
Dr. Bikash Ranjan Jena  
Career Coordinator (Training & Placement, SoPLS)



**SCAN TO REGISTER**

**SPEAKER**

Mr. Vishal Chaudhari  
(Assoc. Director)  
CLINIVERSITY

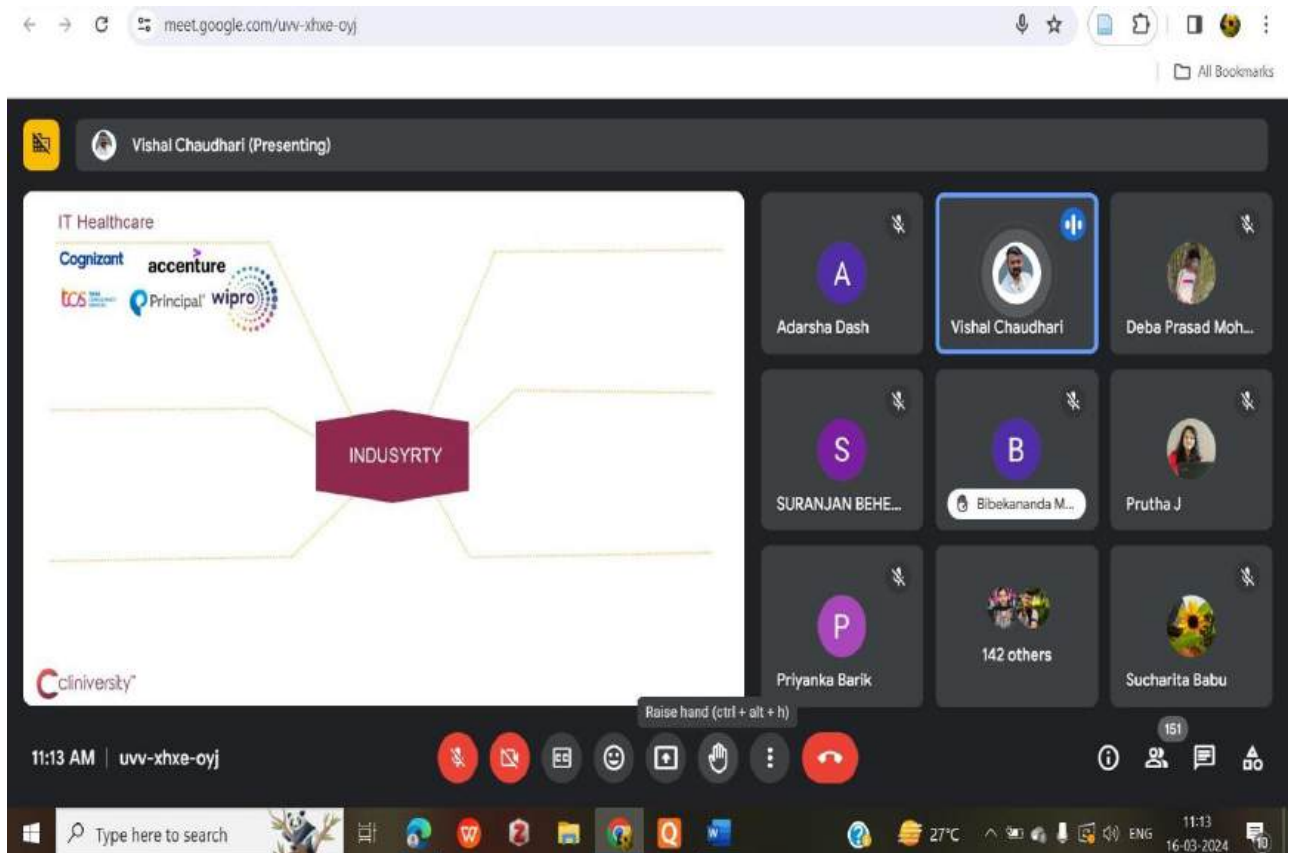
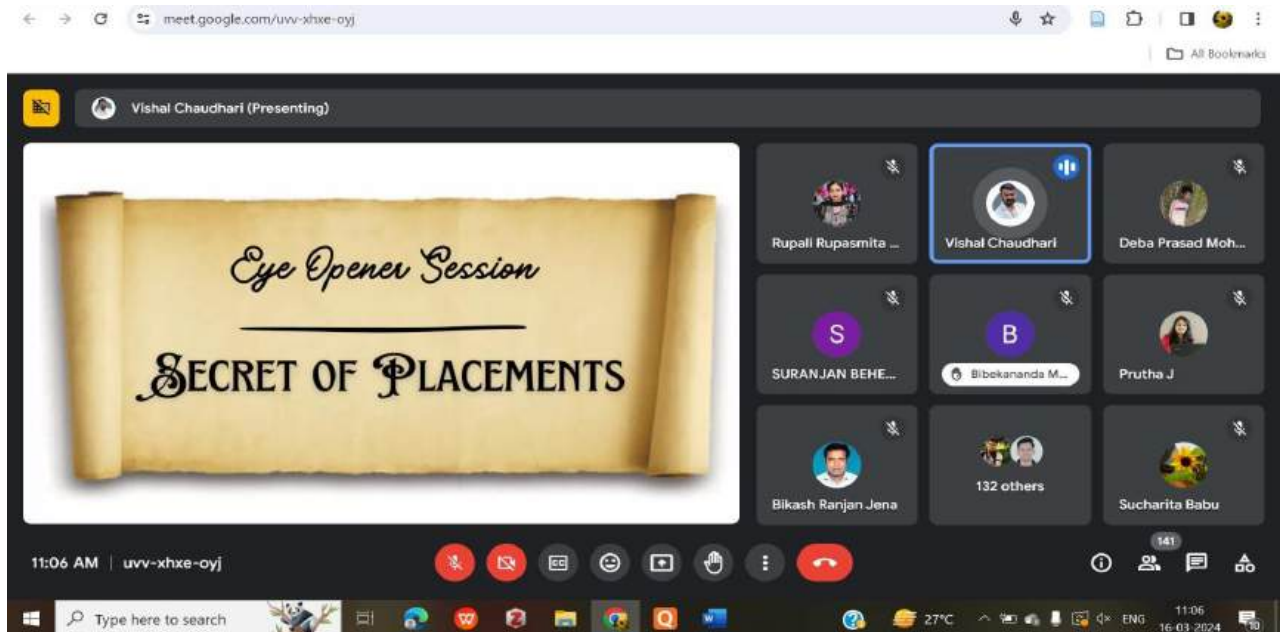


(After registration candidates will get joining link on email)

[www.cliniversity.com](http://www.cliniversity.com) +91-7066457703



Here are some of the glimpses of event:





**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT,  
RAYAGADA, ODISHA**

**FDP ON ASSESMENT SCHEMA**

**Date: 05/10/2023**

**Attendees:**

Sl No.	Name of the Faculty	Designation	Signature
1	Dr. Chandra Sekhar Patro	Professor, Principal	
2	Dr. Gopal Krishna Padhi	Associate Professor	
3	Ms. Kamini Sethy	Assistant Professor	
4	Mr. Deepankar Rath	Assistant Professor	
5	Mr. Haragouri Mishra	Assistant Professor	
6	Mr. Ladi Alik Kumar	Assistant Professor	
7	Ms. Pallishree Bhukta	Assistant Professor	
8	Mr. Abinash Patra	Assistant Professor	
9	Mr. Shyam Sundar Sahu	Assistant Professor	
10	Mr. Bharat Bhusan Sahoo	Assistant Professor	
11	Ms. Babita Adhikary	Assistant Professor	
12	Ms. Sailaja Sahu	Assistant Professor	
13	Mr. Roop Ranjan Rath	Assistant Professor	R.R.R.



Name of the Activity: "**Seminar on GMP the backbone of pharma industry**"

Duration of Activity: 2 hrs

**Date:** 10.10.2023

**No. of Students Participated:** 150

**Brief report of the activity:** School of pharmacy and life Sciences on occasion of national cGMP day organized a seminar entitled "GMP the backbone of pharma industry Pharma Industry" on 10<sup>th</sup> oct 2023. The seminar was conducted to celebrate national cGMP day and also to spread its importance among the students. The program was hosted by Mrs Rupali rupasmita rout, Assistant professor Dept.of Pharmacology, she also briefly introduced Chief speaker of the program Dr.Prafulla Nandi, Director SoPLS, CUTM, former joint president Cadila pharma with pleasant welcome address. Dr. Nandi delivered a talk on the above topic. During his talk, he emphasized the importance of cGMP, The history and present scenario of Global pharma market and the impact of cGMP in term of quality products. How different regulatory bodies in overseas and also in india now prioritizing cGMP implementation. As per WHO and ICH how quality, safety and efficacy achieved through cGMP approach and how its essential in current scenario to sustain in both global and domestic market of pharmaceutical product. Also he elaborate regarding indian GMP, scheduled M, Drug & cosmetic ACT and rules 1945. finally he concluded with question answer session with students. His field of expertise in different pharmaceutical industry acrosses the globe made the students worth attending the program, also student got a number of query answer from him. Finally Miss Sucharita Babu, assistant professor, Dept. of Pharmacology presented the sincere vote of thanks by expressing her gratitude to the chief speaker and all the other participants.


**Program outcome :** Focused towards quality by adherence to GMP


**Photographs of the event with date and caption:**




**Details of Resource Person:** Dr. Prafulla Nandi,  
Director SoPLS, CUTM, former joint president  
Cadila pharma

**List of Students Attended Or Scan Copy of Students Signature Sheet (if available):**


 <b>School of Pharmacy &amp; Life Sciences</b> CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT Seminar on <b>GMP-THE BACKBONE OF PHARMA INDUSTRY</b> (National Current Good Manufacturing Practices Day) Date:10-10-2023		
List of Participant		
SL.No.	Regd. No.	Name
01	221516101110	Anshul Kumar Sahu
02	221516101109	Shashikanta Pattanayak
03	221516101107	Sushil Kumar Dattabhadra
04	221516101106	Tanika Samal Rout
05	221516101104	Manjusha Das
06	221516101112	Iyaji Prakash Das
07	221516101108	Laxman Kumar Das
08	221516100034	Abhishek Nayak
09	221516100032	Renukanta Sahoo
10	221516100092	Satyam Prakash Karungid
11	221516100101	Sagar Kumar Das
12	221516100044	Aakash Binani Jena
13	221516100058	Chiranjit Prakash Singh
14	221516100012	Aish Kumar Das
15	221516100035	Renukanta Baidyanath
16	221516100046	Rahul Khuntia
17	221516100039	Mahesh Behera
18	221516100092	Sapna Pal
19	221516100032	Sambit Kumar Das
20	221516100049	S.K. Sahil Akhaur
21	221516100025	Satyamprakash
22	221516100026	Dr. Kishor K. Ganga
23	221516100064	Gaurav Gauda
24	221516100009	Anjan K. Anand
25	221516100094	Bhagabati Prasad Jena
26	221516100030	Shashy Barmahar

 <b>School of Pharmacy &amp; Life Sciences</b> CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT Seminar on <b>GMP-THE BACKBONE OF PHARMA INDUSTRY</b> (National Current Good Manufacturing Practices Day) Date:10-10-2023		
List of Participant		
SL.No.	Regd. No.	Name
01	221516100029	Nihar Pawan Das
02	221516100021	Taran Kumar Naik
03	221516101113	Pradeep Adhikary
04	221516101105	Nanesh K. Sahoo
05	221516101111	Jagat Mohan Pradhan
06	221516101102	Susil K. Lenka
07	221516100030	Jaganmohan Pradhan
08	221516100008	Sumanjan Pradhan
09	221516100011	Rohit Kumar Rout
10	221516100042	Shradhanjali Pradhan
11	221516100099	Soumyajit Mahapatra
12	221516100034	Anusha Prasadmani Rout
13	221516100100	Amitabh Pandey
14	221516100085	Ashutosh Patra
15	221516100013	Sulagna Biswal
16	221516100018	Ansh Mishra
17	221516100094	Bhagabati Prasad Jena
18	221516100032	Sudhakar Rout
19	221516100016	Omajit Ray
20	221516101112	Iyaji Prakash Das
21	221516101107	Manjusha Das
22	221516101106	Tanika Samal Rout
23	221516100049	S.K. Sahil Akhaur
24	221516101103	Amit K. Sahoo
25	221516101108	Laxman Kumar Das


**Brochure/Circular related to the event:**




**Centurion UNIVERSITY**  
Shaping Lives... Empowering Communities...




**School of Pharmacy and Life Sciences**  
Celebrating  
**NATIONAL CGMP DAY**





**Resource Person**  
**Dr. Prafulla Nandi**  
Director of PRC, CUTM  
and Former Joint President,  
Cardila Pharma



**10<sup>th</sup> October 2023 @ 2:00 PM - 4:00 PM**  
**VENUE: Hall No-6, Aryabhata Building**

**Zoom Link:** <https://us02web.zoom.us/j/85805889975?pwd=MkZSUkNDWCtHRTItN2VlUUYvTWxEdz09>  
**Meeting ID:** 858 0588 9975 **Passcode:** 580047

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

Name of the Activity: A *Webinar on "pharmaceutical product development journey: concepts to commercialization"*

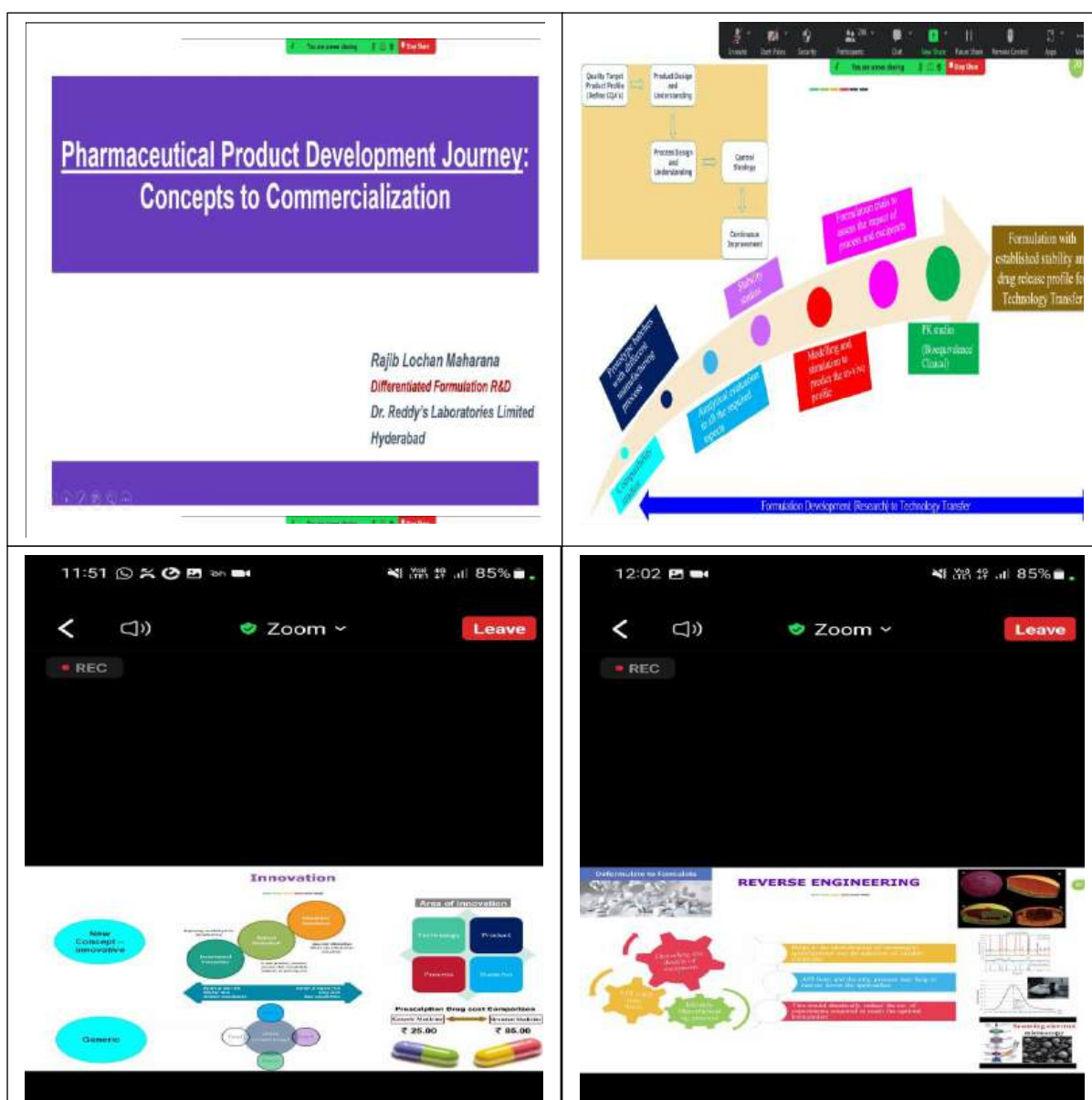
Duration of Activity: 1.5 Hrs

Date: 09.09.2023

No. of Students Participated: 210

Brief report of the activity: School of pharmacy and life Sciences in association with the research centre for drug design organized a webinar entitled "*Webinar on "pharmaceutical product development journey: concepts to commercialization"*" on 9<sup>th</sup> sept 2023. The webinar was conducted to make industrial scenario and awareness among the students and researchers. The webinar was moderated by Miss Sucharita Babu, assistant professor Dept. of Pharmacology. In the inaugural session Prof. Gurudatta pattanaik, Dean, SoPLS. Addressed all participants briefly about the program and invited industry expert. The invited speaker Mr Rajib lochan Maharana, Specialist-Differentiated Formulation R&D, Dr. Reddy's Laboratories Ltd., Hyderabad delivered an excellent and valuable talk on the above topic. During his talk, he emphasized the present scenario in pharmaceutical industry along with the future aspects in a very understanding manner. He briefly explained the pharmaceutical product development journey, how it starts as a concept and finally reach to commercialization, how it starts as small pilot batch in lab (R & D) and scale up to large commercial batch in production. He also emphasized the current trends in pharmaceutical industry changed from making generic to differentiated formulation. As the generic market is oversaturated also the consumer interest is changing based on that the future in pharmaceutical industry is shifting. And most of the top companies are in that direction where students should focus in the modern trend to make their bright carrier. The webinar was very optimistic about industrial aspect that made all the participants worth attending. The session was closed by Q n A Session. At the end Prof. Gurudatta pattanaik, Dean, SoPLS. Addressed the chief speaker with his words of appreciation, Mrs Aradhana Panigrahi, assistant professor Dept. of Pharmaceutical analysis presented the sincere vote of thanks by expressing her gratitude to the chief speaker. She also thanked all the participants for attending the webinar from different campuses to make it an interactive session. More than 200 participants had attended the webinar.

Photographs of the event with date and caption:



Details of Resource Person: Mr Rajib lochan Maharana

Specialist-Differentiated Formulation R&D,

Dr. Reddy's Laboratories Ltd., Hyderabad.



List of Students Attended **Or** Scan Copy of Students Signature Sheet(if available):

Participants (210)	
ST	Satyanarayan Tripathy (me)
	Rupali Rupasmita Rout (Host)
RL	Rajib Lochan Maharana (Co-host)
G	Gurudutta (Co-host)
SB	Sucharita babu (Co-host)
A	Aashutosh
AK	Abhas Kumar pani
AS	Aditi samantaray
AR	Aditya ranjan mallick
AB	Adrita Banerjee
AK	Ajit Kumar Panda
AK	Anjali Kumari
AP	Anjali Patro
AK	Anjan Kumar Sahoo
Invite	

Participants (206)	
PD	Pradeep Das
PG	PRANAYA GAIN
PP	Prasanna Parida
PK	Prashant kumar Dash
PB	Pratyush Biswal
PM	Pritha Mandal
PM	Pritisha Mund
PP	PRIYA PRADHAN
PC	PURNA CHANDRA KAND
PP	Purnima Priyadarshini
RD	Rajesh das 18
R	RAJESH KUMAR CHOUDHURY
RB	Rajkishore Behera
RP	Rakesh panda
RD	Rasmita Dash
Invite	

Brochure/Circular related to the event:



**Centurion UNIVERSITY**  
Shaping Lives... Empowering Communities...

## Webinar on

# PHARMACEUTICAL PRODUCT DEVELOPMENT JOURNEY

## CONCEPTS TO COMMERCIALIZATION

**9<sup>th</sup> September 2023 @ 11:30 AM - 01:00 PM**

**Organised by:**  
School of Pharmacy and Life Sciences  
in association with Placement Cell and Centre for Drug Design



**Resource Person**  
**Mr. Rajib Lochan Maharana**  
Specialist-Differentiated Formulation R&D,  
Dr. Reddy's Laboratories Ltd., Hyderabad.

**Please register using the link below:**  
Registration Link: <https://forms.gle/jB2Pwc21mAtAxWw>

**Webinar joining Link:**  
<https://us02web.zoom.us/j/82104570626?pwd=aW10ZjJsQ2pjZGh0SlhxN1NHRnBzUT09>  
**Meeting ID: 821 0457 0626 | Passcode: 455687**

**Centurion University of Technology and Management**

**Name of the Activity: Expert Talk on “Recent Advancements and Career Talks in the Pharmacy Sector”**

**Duration Of Activity: 1 Day**

**Date: 19.02.2024**


**No. of participant: 170**

**Brief report of the activity:** School of Pharmacy & life science(BBSR) in association with Placement Cell, SoPLS, BBSR has successfully conducted a student awareness program on recent advancements and career talks in the pharmacy sector in hybrid mode on 19th February 2024 at CUTM, BBSR in which more than 170 students (D.pharm, B.pharm and M.pharm) from four campus (BBSR, Balangir, Rayagada & Balasore) were present and interacted with the resource persons about developing their knowledge on the various aspects of Job and research in pharmacy sector. The resource person, Dr Prafulla Nandi (Director, SoPLS), spoke about the challenges and opportunities for the upcoming future pharmacists in relation to jobs and research. Dr. Gurudutta Pattnaik (Dean, SoPLS ) also contributed to this informative session, explaining the strategies and keys to achieving the goals lying in front of the future pharmacists, followed by Dr. Himanshu Bhusan Samal (Associate Dean, SoPLS) who gave a brief description about career development options to the students. The entire session was coordinated by Ms. Rupali Rupasmita Rout (Assistant Prof.), SoPLS, BBSR and Ms. Sucharita Babu (Assistant Prof.), SoPLS, BBSR summarized the key takeaways, encouraging students to apply the newfound knowledge to their academic and professional pursuits.


**Photographs of the event with date and caption:**



Brochure/Circular related to the event:




Centurion  
UNIVERSITY  
*Shaping Lives... Empowering Communities...*




ACCREDITED WITH GRANT  
**A+**  
NAAC

School of Pharmacy and Life Sciences  
in association with Placement Cell




4  
QUALITY  
EDUCATION

**Career Talk**  
on  
**“Pharmacy: An Evergreen Profession”**



**Resource Person**  
**Dr. Prafulla Nandi**  
Director- SoPLS, CUTM  
and Former Joint President,  
Cadila Pharma.



**19<sup>th</sup> February 2024 @ 2:00 PM - 4:00 PM**  
**VENUE:** Hall No-6, Aryabhatta Building, CUTM, BBSR

**Zoom Link:** <https://us02web.zoom.us/j/87418577711?pwd=cEJhTnpaM0huViBhN2VnOWJMK05odz09>

**Meeting ID:** 874 1857 7711      **Passcode:** 422770

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

## **REPORT ON TRAINING SESSION**

### **“Recent Advances in Drug Design and Development”**

#### **Details of the session:**

Session Title	Resource Person	Date	Time	Venue	Mode	No. Of Attendees	Target Audience
Recent Advances in Drug Design and Development	Dr. Shiva S. Panda	17 <sup>th</sup> July 2024	3:00 p.m. - 5:00 p.m.	Hall:no-6 Aryabhatta Building, Bhubaneswar Campus	Hybrid	250	Students & Faculty members of SoPLS

#### **About the session:**

The training program on Recent Advances in Drug Design and Development was conducted on 17<sup>th</sup> July 2024 at Hall no 6 (Aryabhatta building), Centurion University of Technology and Management, Bhubaneswar Campus. Dr. Shiva S. Panda, (Associate Professor Dept. of Chemistry and Biochemistry Augusta University, GA, USA) was the resource person for the program. Welcome speech delivered by Dr. Rasmita Dash, School of Pharmacy & life-science. This incredible session aims to make aware of Recent advances in drug design and development for next-generation cancer treatments. He addressed various aspects of how scientists are revolutionizing cancer treatment through innovative approaches that combine molecular hybridization – the merging of different molecular structures – with rational design principles.",

#### **Objectives of the session:**

- To enhance participants' understanding of advanced drug design methodologies, computational tools, and high-throughput screening techniques relevant to cancer drug discovery.
- Address ethical implications and regulatory challenges associated with novel drug development approaches. Highlight the importance of ethical standards, patient safety, and compliance with regulatory requirements.



### **Outcome of the session:**

- Attendees may acquire new skills, learn about innovative approaches, or gain practical knowledge applicable to their work in pharmaceutical research, development, or clinical practice.
- Emphasize the broader impact of advances in drug design and development on public health outcomes, including access to affordable medications, global health initiatives, and addressing healthcare disparities.

### **Feedback Analysis:**

#### **A. Qualitative Feedback:**

1. The program was very interesting and it helped in gaining knowledge about cancer and its medication.
2. Overall the event was very useful and helpful for the participants.

#### **Quantitative Feedback:**

1	Did the program meet your expectation	98
2	How do you rate the facilitator on the subject knowledge and depth of understanding	99
Overall rating of the program		98.5

*On the basis of quantitative feedback, % expectations of the participants for the program were met with % of understanding of the concept based on resource person knowledge and the overall feedback was %. The resultant is the successful conclusion of the session.*



**Prof. KVD Prakash**

**CEO, CCCDC**


**Organizing Committee:**



Centurion University of Technology and Management, Bhubaneswar Campus.



Prof. KVD Prakash, Dean HRD and CEO of CCCDC, CUTM.




Dr. Rasmita Dash, Assistant Professor and CCCDC Coordinator, School of Pharmacy and Life Sciences.


## Attendance:

Close	Participants (162)
SK	Suraj kumar mehta
S	Swaroop
S	Swetha
TS	Tapan Sahoo
U	Udita
U	Ushaswi Akula
VK	Vj. Krishna
VY	Veena Yeruva
X2	Xiaomi 220333QBI
B	B.Janhvi
PP	Payal Panigrahi
	Shyamalendu Tripathy
Invite	

Close	Participants (162)
SK	Subrat kumar Sahu
SA	Suchismita Acharya
SP	Sudeshna Pattanaik
	Sudhir Das
	Sujatha Palatheeya
SS	Sumanta Sen
SS	sunismita sahu
SK	Suraj kumar mehta
S	Swaroop
S	Swetha
TS	Tapan Sahoo
U	Udita
Invite	

Close	Participants (162)
	Santosh Rani
S	Shivam
S	Shristi
SS	Shyam Sundar Sahu
	Sidhartha Parida
S	Smriti Kumari
S	Smruti
SB	Sonali Bhujabal
SN	Sonamsagar Nanda
SK	sourav kumar prusty
	Sourav Nanda
S1	stone 190
Invite	

Close	Participants (162)
S	Shivam
S	Shristi
SS	Shyam Sundar Sahu
	Sidhartha Parida
S	Smriti Kumari
S	Smruti
SB	Sonali Bhujabal
SN	Sonamsagar Nanda
SK	sourav kumar prusty
	Sourav Nanda
S1	stone 190
	SUBHAM PRATAP RAY
Invite	

Close	Participants (162)
R	Rashmi Negi
R	RASMIRANJAN MOHANTA
	Rasmita Jena
RR	realme RMX2117
RT	RENU TUSHIR
RB	Richa Bharti
RM	Rima Maharana
R	Rojarani
S	S.narasimhulu
SS	Sailaja Sahu
SS	Samsung SM-A546E
SK	Santosh kumar Dalai
Invite	

Close	Participants (162)
PB	Priyanka barik
PC	Priyanka Choudhury
PR	Puja Rani
PM	Purnima Mahato
P	pushpa
RS	R Sandhya Jyothi
R	Rahul
RB	Rahul Budhia
RK	Rajat Kumar Prusty
R	Rajendra kumar
RK	Ramandeep kaur (guru Kashi u...
R	Rashmi Negi
Invite	

**Bolangir Campus:**

**Centurion Capacity and Competency Development Center, Odisha**

**Attendance Sheet**

**Session on "Next-Generation Cancer Treatments: Combining  
Molecular Hybridization with Rational Design"**

**Bolangir Campus**

**Date: 17/07/2024**

Sl. No.	Name of Participant	Department	School	Signature
1	Adyasha Behera	Pharmacy	School of Pharmacy	Adyasha
2	Smruti Rekha Sahu	Pharmacy	School of Pharmacy	Smruti Rekha Sahu
3	Pratiksha Panigrahi	Pharmacy	School of Pharmacy	P. Panigrahi
4	Pratistha P. Sahoo	Pharmacy	School of Pharmacy	Pratistha P. Sahoo
5	Manisha Tripathy	Pharmacy	School of Pharmacy	Manisha
6	Siddhi Joshi	Pharmacy	School of Pharmacy	Siddhi Joshi
7	Soumyalipi Seth	Pharmacy	School of Pharmacy	Soumyalipi Seth
8	Goushiya Rahman	Pharmacy	School of Pharmacy	Goushiya Rahman
9	Nikita Patel	Pharmacy	School of Pharmacy	Nikita Patel
10	Rojarani Mishra	Pharmacy	School of Pharmacy	Rojarani Mishra
11	Smruti Sonya Padi	Pharmacy	School of Pharmacy	Smruti S. Padi
12	Ankita Patel	Pharmacy	School of Pharmacy	Ankita Patel
13	Subhasmita Rout	Pharmacy	School of Pharmacy	Subhasmita Rout
14	Manjuni Sahu	Pharmacy	School of Pharmacy	Manjuni Sahu
15	Spandita N. Mishra	Pharmacy	School of Pharmacy	Spandita N. Mishra
16	Barcharani Rath	Pharmacy	School of Pharmacy	Barcharani Rath
17	Trishna Panigrahi	Pharmacy	School of Pharmacy	Trishna
18	Sipra Ghoshal	Pharmacy	School of Pharmacy	Sipra Ghoshal
19	Tripti Pragyan Padhan	Pharmacy	School of Pharmacy	Tripti Padhan
20	Parimita Mohanty	Pharmacy	School of Pharmacy	Parimita Mohanty
21	Anukampa Sahoo	Pharmacy	School of Pharmacy	Anukampa Sahoo



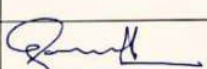
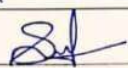
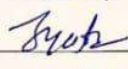



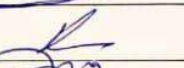

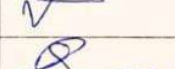

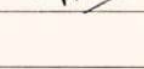
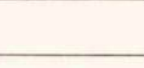
	Name of Participant	Department	School	Signature
	Deepak Kumar Yadav.	Pharmacy	School of Pharmacy	Deepak.
22	Chendran Kumar Sahoo	Pharmacy	School of Pharmacy	Chendran Sahoo
23	Debasish podh	Pharmacy	School of Pharmacy	D. podh
24	Amiya Kumar Bagawaty	Pharmacy	School of Pharmacy	Ak. Bagawaty
25	Abhisek Ku. Dora	Pharmacy	School of Pharmacy	Abhisek Ku. Dora
26	Ayaz Ali	Pharmacy	School of Pharmacy	Ayaz Ali
27	Kashish Nandan Mohanty	Pharmacy	School of Pharmacy	Kashish N. Mohanty
28	Sachidananda Sahu	Pharmacy	School of Pharmacy	Sachidananda Sahu
29	Debanish Sahu	Pharmacy	School of Pharmacy	Debanish Sahu
30	Manish Kumar Pradhan	Pharmacy	School of Pharmacy	Manish Ku. Pradhan
31	Ajeef Khan	Pharmacy	School of Pharmacy	Ajeef Khan
32	Naimish Ku. Panda	Pharmacy	School of Pharmacy	Naimish K. Panda
33	Swarshik Kumar Sa	Pharmacy	School of Pharmacy	Swarshik Ku. Sa
34	Swayam Prakash Sahu	Pharmacy	School of Pharmacy	Swayam Pr. Sahu
35	Siddharth Swarnil Sahu	Pharmacy	School of Pharmacy	Siddharth S. Sahu
36	Tapash Kumar Sahu	Pharmacy	School of Pharmacy	Tapash K. Sahu
37	Tapas P. Sahu	Pharmacy	School of Pharmacy	Tapas P. Sahu
38	Hemananda Sahu	Pharmacy	School of Pharmacy	Hemananda Sahu
39	Satjabrata Sahu	Pharmacy	School of Pharmacy	Satjabrata Sahu
40	Khiraasindhu Sahu	Pharmacy	School of Pharmacy	Khiraasindhu Sahu
41	Jyotiraj Mohan	Pharmacy	School of Pharmacy	Jyotiraj Mohan
42	Binod Kharsel	Pharmacy	SOP, BGR	Binod Kharsel
43	Himansu Sahu	Pharmacy	SOP, BGR	Himansu Sahu
44	Uthanasingam Nigam	Pharmacy	SOP, BGR	Uthanasingam Nigam
45	Binaya Kumar Parigrahi	Pharmacy	SOP, Bolangir	Binaya Kumar Parigrahi
46				

**Centurion Capacity and Competency Development Center, Odisha**  
**Attendance Sheet**

**Session on "Next-Generation Cancer Treatments: Combining  
Molecular Hybridization with Rational Design"**


**Bolangir Campus**

**Date: 17/07/2024**


Sl. No.	Name of Participant	Department	School	Signature
1	Dr. Santosh Ku. Ranajit	Pharmacy	SOP	
2	Mr. Suresh Kumar Tripathy	Pharmacy	SOP	
3	Mr. Jyoti Prakash Goun	Pharmacy	SOP	
4	Shivashree Meher	Pharmacy	SOP	
5	Charanendra Pradhan	Pharmacy	SOP	
6	Rakesh Meher	Pharmacy	SOP	
7	Akash Ku. Meher	Pharmacy	SOP	
8	Dr. Dinesh Kumar Sharma	Pharmacy	SOP	
9	Durga Prasad Mishra	Pharmacy	SOP	
10	Vijaya Ku Meher	Pharmacy	SOP	
11	Dr. Bajaram Saipilli	Pharmacy	SOP	
12	Dr. Prafulla K. Sahoo	Pharmacy	SOP	
13				
14				
15				
16				
17				
18				
19				
20				
21				



## Bhubaneswar Campus:



**Centurion University of Technology and Management**  
Next- Generation Cancer Treatments: Combining Molecular Hybridization with Rational  
Design  
Resources Person :- Dr.Shiva S. Panda



**ATTENDANCE SHEET**

Date: 17th July 2024 Time: 03:00 pm-05:00pm

PSI No.	NAME	School / Department	Registration No.	Signature
1	Bushrae Samhita Swain	SoPLS		Bushrae
2	Lipangali Badheri	SoPLS		Lipangali
3	Debasini Mishra	SoPLS (PhD)	230-2012	Debasini Mishra
4	Subhrajit Routray	SoPLS		Subhrajit
5	Debasini Dash	SoPLS	231521110001	Debasini Dash
6	Jeevan Jyoti Jena	SoPLS	231521110002	J.J. Jena
7	Jagadjit Das	SoPLS	23152-0003	Jagadjit
8	Suchismita Behera	SoPLS	211516100002	Suchismita
9	Anshika Ghosh	SoPLS	211516100018	Anshika
10	Subhadarshini Routray	SoPLS	211516100087	S. Routray
11	Anushka Marandi	SoPLS	211516100027	Anushka
12	Apurba Pano	SoPLS	211516100010	Apurba
13	Sutarna Maity	SoPLS	211516100070	S. Maity
14	Sanjay Khan	SoPLS	211516100047	S. Khan
15	Anit Nay	SoPLS	211516100009	A. Nay
16	Preksha Nay	SoPLS	211516100008	P. Nay
17	Soumyadev Chakraborty	SoPLS	211516100039	S. Chakraborty
18	Nayan Paul	SoPLS	211516100003	Nayan Paul
19	Prithvi Kalyan Maity	SoPLS	211516100018	Prithvi Kalyan Maity
20	SK Nandini Sanit	SoPLS	211516100046	SK Nandini Sanit



**Centurion University of Technology and Management**  
Next- Generation Cancer Treatments: Combining Molecular Hybridization with Rational Design  
Resources Person :- Dr.Shiva S. Panda



**ATTENDANCE SHEET**

Date: 17th July 2024

Time: 03:00 pm-05:00pm

PSI No.	NAME	School / Department	Registration No.	Signature
1	Sudipta Mandal	SOPLS	211516100064	S. Mandal
2	Sourav Jana	SOPLS	211516100038	Sourav
3	Saboya Sachin Ashutosh Jashi	SOPLS	211516100103	Saboya Sachin
4	Soumadip Khamrai	SOPLS	211516100051	S. Khamrai
5	Tarun Khatun	SOPLS	211516100071	T. K.
6	Aakash Padhy	"	" 17	Aakash
7	Subhadarshan Mohapatra	"	211516100005	Subhadarshan
8	Chiranjeeb Sahoo	SOPLS	211516100080	Chiranjeeb
9	K. Ayush Kumar	SOPLS	211516100102	Ayush
10	Abinash Padhy	"	211516100060	Abinash
11	Chandrea Sekhar Sengupta	"	211516100096	C. S. Sengupta
12	Rohit Pradhan	SOPLS	211516100066	Rohit Pradhan
13	Ansuman Ray	"	211516100069	Ansuman Ray
14	Ashutosh Muni	SOPLS	211516100095	Ashutosh Muni
15	Sai Aditya Sahoo	SOPLS	211516100065	Sai Aditya Sahoo
16	Giriya Sankar Das	SOPLS	231516100097	Giriya Sankar Das
17	Soucaseek pattnaik	SOPLS	221516100045	Soucaseek pattnaik
18	Rohit Kumar Rout	SOPLS	221516100011	R. K. Rout
19	Sangita Ghosh	SOPLS	221516100016	S. Ghosh
20	Chinmaya Sahoo	SOPLS	231516100013	Chinmaya Sahoo





**Centurion University of Technology and Management**  
Next- Generation Cancer Treatments: Combining Molecular Hybridization with Rational  
Design  
Resources Person :- Dr.Shiva S. Panda



**ATTENDANCE SHEET**

Date: 17th July 2024

Time: 03:00 pm-05:00pm

PSI No.	NAME	School / Department	Registration No.	Signature
1	Jeevan Jyoti Jena	SOPLS	231521110012	J.J. Jena
2	Phanibhawan Dal	SOPLS	231521110006	Phani
3	Subhakar Das	SOPLS	231521110011	S. Das
4	Ashwini Mishra	Project Asst.		Ashwini
5	Dr. P. K. Nandi	SOPLS		P. K. Nandi
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				



**Centurion University of Technology and Management**  
Next- Generation Cancer Treatments: Combining Molecular Hybridization with Rational  
Design  
Resources Person :- Dr.Shiva S. Panda



**ATTENDANCE SHEET**

Date: 17th July 2024

Time: 03:00 pm-05:00pm

PSI No.	NAME	School / Department	Registration No.	Signature
1	Dhananjaya Parida	SoPLS	231516100050	D.J.P.
2	Chittaranjan Sekhy	SoPLS	231516100052	chitta
3	Smriti Ranjan Das	SoPLS	231516100051	Smriti Ri
4	Rasminarjan Parida	SoPLS	231516100014	Rasminarjan Parida
5	Ashish Kumar	SoPLS	231516100028	Ashish Kumar
6	Basudev Yadav	SoPLS	231516100007	Basudev Yadav
7	Sumit Hazra	SoPLS	231516100043	Sumit Hazra
8	Jharadaya Sahoo	SoPLS	231516100001	Jharadaya Sahoo
9	Sahil Swarnap Swain	SoPLS	231516100022	Sahil Swarnap Swain
10	Deepthirajan Mohapatra	SoPLS	231516100031	
11	Karan Ray	SoPLS	231516100018	Karan Ray
12	Shruti Pattnaik	SoPLS	231516100017	Shruti Pattnaik
13	Sai Sidhi Gannaiik	"	231516100025	Sai SPdhi Gannaiik
14	P. Meghna Rani	"	231516100047	P. Meghna Rani
15	MONALISHA MARTHA	"	231516100016	Monalisha Martha
16	Selina Priyadarshini	"	231516100015	Selina Priyadarshini
17	Roshni Rathi	"	231516100038	Roshni Rathi
18	Anisha Nayak	"	231516100004	Anisha Nayak
19	Upasana Satpathy	"	231516100049	Upasana Satpathy
20	Mayurakshi Mohapatra	"	231516100043	MAYURAKSHI MOHAPATRA



**Centurion University of Technology and Management**  
Next- Generation Cancer Treatments: Combining Molecular Hybridization with Rational  
Design  
Resources Person :- Dr.Shiva S. Panda



Date: 17th July 2024

**ATTENDANCE SHEET**

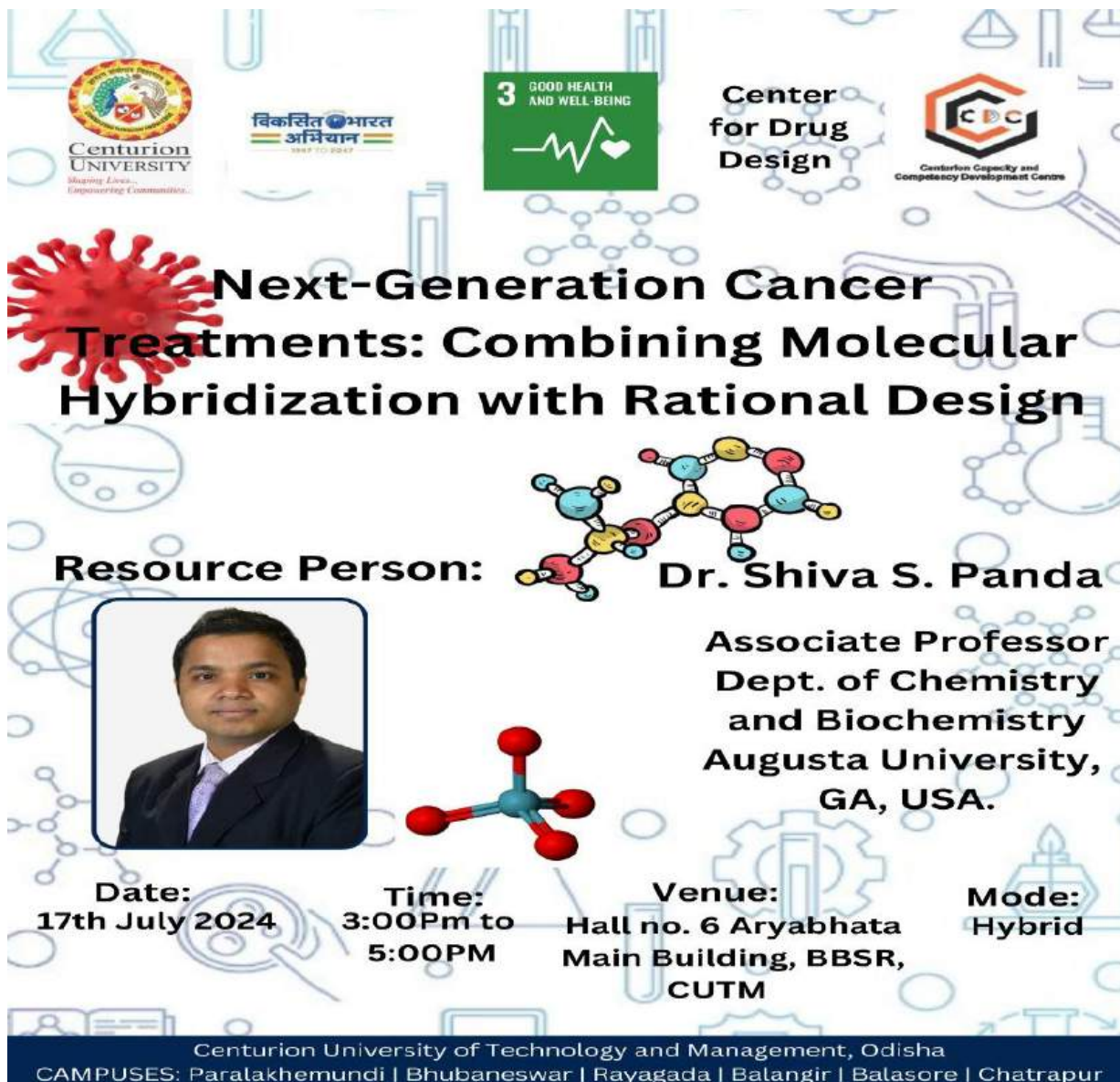
Time: 03:00 pm-05:00pm

PSI No.	NAME	School / Department	Registration No.	Signature
1	Biraj Bidyabhusan	SOPLS	211516101116	Biraj Bidyabhusan
2	Aditya Narayan Das	SOPLS	211516101117	Aditya
3	Priyanshu Sahantya	SOPLS	211516100071	Priyanshu
4	Darshan Bharati	SOPLS	211516100063	Darshan
5	Swabhimani Hata	SOPLS	211516101110	S. Hata
6	Shalhanika Chetani Das	SOPLS	211516101118	Shalhanika
7	Satyaprakash Seng	SOPLS	211516101111	Satyaprakash
8	Smrutiraj Sahoo	SOPLS	211516101114	Smrutiraj
9	Soumya Mahapatra	SOPLS	211516101112	Soumya
10	Satya Sahoo	SOPLS	211516100072	Satya
11	Saibastab Khan Das	SOPLS	211516100068	Saibastab
12	Chinanjib Sahoo	SOPLS	211516100068	Chinanjib
13	Adarsh Mohan	SOPLS	211516100068	Adarsh
14	Anshuman Pradhan	SOPLS	211516100054	Anshuman
15	P. Samit Patra	SOPLS	211516100061	P. Samit Patra
16	Anuman Sahoo	SOPLS	211516100061	Anuman
17	Sagarika Sahoo	SOPLS	211516100061	S. Sahoo
18	Subhalaxmi Paikaray	SOPLS	211516100081	Subhalaxmi
19	Anchika Sahoo	SOPLS	211516100085	Anchika
20	Meghna Biswal	SOPLS	211516100105	Meghna








## ANNEXURE

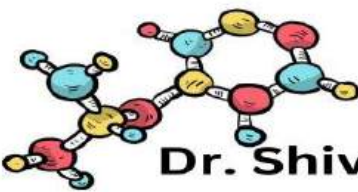
Flyer:





The flyer features a background with light blue chemical and scientific icons. At the top left is the Centurion University logo. Next to it is the 'Viksit Bharat' logo with the text 'विकसित भारत' and 'अभियान'. To the right is a green box with the number '3' and the text 'GOOD HEALTH AND WELL-BEING' with a heart and pulse line icon. Further right is the 'Center for Drug Design' logo. At the top right is the Centurion Capacity and Competency Development Centre logo. The main title is 'Next-Generation Cancer Treatments: Combining Molecular Hybridization with Rational Design', with a red virus-like icon to its left. Below the title is a molecular structure diagram. The 'Resource Person' section includes a portrait of Dr. Shiva S. Panda and his title: 'Associate Professor, Dept. of Chemistry and Biochemistry, Augusta University, GA, USA.' Below the portrait is another molecular structure diagram. The bottom section lists event details: Date (17th July 2024), Time (3:00PM to 5:00PM), Venue (Hall no. 6 Aryabhata Main Building, BBSR, CUTM), and Mode (Hybrid). A dark blue footer bar contains the university's name and its various campuses.

   **Center for Drug Design** 

 **Next-Generation Cancer Treatments: Combining Molecular Hybridization with Rational Design**

**Resource Person:**  **Dr. Shiva S. Panda**

 **Associate Professor  
Dept. of Chemistry  
and Biochemistry  
Augusta University,  
GA, USA.**



**Date:** 17th July 2024    **Time:** 3:00PM to 5:00PM    **Venue:** Hall no. 6 Aryabhata Main Building, BBSR, CUTM    **Mode:** Hybrid

Centurion University of Technology and Management, Odisha  
CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur



### Resource Person Details with Photographs:



Siva S. Panda holds an MS in Pharmaceutical Chemistry from Manipal University and a Ph.D. in Chemistry from Delhi University, India. Before starting at Augusta University's Department of Chemistry and Biochemistry, he was a senior scientist at Sigma-Aldrich, USA. His postdoctoral research was conducted at the University of Florida. He has made significant contributions to the field, with over 130 research articles published in peer-reviewed journals, FOUR book chapters, THREE patents, and FOUR pending patents. In recognition of his work, he was awarded the College of Science and Mathematics Excellence in Research award in 2018, followed by the Outstanding Faculty Award and the Boundless Teaching Award in 2023, all at Augusta University. Dr. Panda is the Editor-In-Chief of the journal Mini-Reviews in Organic Chemistry, an Associate Editor of Frontiers in Chemistry, a Section Editor of Current Organic Chemistry, and a Guest Editor of Biomedicine. He is passionate about discovering and developing new drugs and remains actively involved in this area of study.

## Geo-Tag Photos:

