



2021-2022



# Awareness of Trends in Technology (Circulars/Brochures)

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

CORPORATE OFFICE  
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CAMPUS  
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BOLANGIR  
WWW.CUTM.AC.IN

This document contains the brochures of the events under Awareness of Trend in Technology conducted during 2022.

### List of Events

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8	Webinar on Introduction to 3D Game Design & Development Process
9	Webinar on Azure Fundamentals for Developers
10	Webinar on Role of Digital Marketing for Aspiring Start-ups
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12	National Seminar on Climate Resilient Technologies for Sustainable Agriculture- Interventions and approaches
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15	Webinar on National Conference on Mechatronics, Computing and Signal Processing
16	Workshop on Data Science using MATLAB
17	Workshop On Microtomy Technique-II
18	5th International Conference on Advances in Agriculture Technology and Allied Sciences

Anita Patra



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

## 1. Application of Video Processing

### Event Description:

Webinar on ‘Application of Video Processing’ was organized by Department of Computer Science, and Engineering, and IEEE, Bhubaneshwar on 27<sup>th</sup> October 2021.



**Centurion UNIVERSITY**

**IEEE**  
Bhubaneswar Sub-Section

# WEBINAR ON Applications of Video Processing

Date: October 27, 2021, Wednesday  
Time: 3:00 PM (IST)

**Organised by :**  
Department of Computer Science and Engineering, Bhubaneswar Campus  
*In Collaboration with*  
IEEE Bhubaneswar Sub-Section



**Speaker**  
**Dr. Debi Prosad Dogra**  
Associate Professor  
School of Electrical Sciences  
IIT, Bhubaneswar

**Coordinator :**  
**Dr. Sujata Chakravarty**  
sujata.chakravarty@cutm.ac.in

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**Convener**



## 2. Training Programme on ANSYS EM

### Event Description:

Training Programme on ANSYS EM was organized by Department of Electronics and Communication Engineering on 18<sup>th</sup> November 2021.



The banner features logos for Centurion University, Institution's Innovation Council (Ministry of HRD Initiative), and the 9th National Education Policy (NEP) 2020. The text is centered and reads: TRAINING PROGRAMME on "ANSYS EM", Date: - 16<sup>th</sup> NOVEMBER 2021 (10.00 AM-12.00 PM IST), Organized by: Dept. of Electronics & Communication Engineering, Resource Person: Mr. Kaushik Chavali, Application Engineer, CADFEM INDIA, and Coordinators: Dr. Harish Chandra Mohanta, Associate Professor, Dept. of ECE, SoET, CUTM, Mob No.: 7008394417. The footer includes the Centurion University of Technology and Management logo and tagline: Shaping Lives... Empowering Communities...

**TRAINING PROGRAMME**  
on  
**"ANSYS EM"**  
Date: - 16<sup>th</sup> NOVEMBER 2021  
(10.00 AM-12.00 PM IST)  
*Organized by :*  
**Dept. of Electronics & Communication Engineering**  
**Resource Person**

  
**Mr. Kaushik Chavali**  
**Application Engineer**  
**CADFEM INDIA**

**Coordinators :**  
**Dr. Harish Chandra Mohanta**  
**Associate Professor**  
**Dept. of ECE, SoET, CUTM**  
**Mob No.: 7008394417**

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### 3. Recurrent Neural Network and its Applications: The Keras Way

#### Event Description:

Webinar on ‘Recurrent Neural Network and its Applications: The Keras Way’ was organized by Department of Computer Science and Engineering, Paralakhemundi and Center for Data Science and Machine Learning on 18<sup>th</sup> November 2021.



The poster features the Centurion University logo at the top left. The title 'WEBINAR ON Recurrent Neural Network and its Applications: The Keras Way' is prominently displayed in the center. Below the title, the date and time are listed as 'Thursday, November 18, 2021' and '7:30 PM (IST)'. The organizing department is the 'Department of Computer Science and Engineering, Paralakhemundi Campus and Center for Data Science and Machine Learning'. A circular portrait of the speaker, Mr. Ashutosh Bajpai, is shown on the left, with his name and title 'Lead Data Scientist, Wipro Technologies, New Delhi' to the right. A blue box on the right lists the coordinators: Dr. Sujata Chakravarty (Professor and Center Head), Dr. Dillip Rout (Assistant Professor), and Mr. Debendra Maharana (Assistant Professor and HoD). At the bottom, the Zoom meeting link and registration link are provided. The footer contains the university's name and tagline: 'centurion university of technology and management Shaping Lives... Empowering Communities...'.

**Centurion UNIVERSITY**

**WEBINAR ON**  
**Recurrent Neural Network and its Applications: The Keras Way**

**Date:** Thursday, November 18, 2021  
**Time:** 7:30 PM (IST)

**Organised by :**  
Department of Computer Science and Engineering, Paralakhemundi Campus  
and Center for Data Science and Machine Learning


**Speaker**  
**Mr. Ashutosh Bajpai**  
Lead Data Scientist  
Wipro Technologies, New Delhi

**Coordinator :**  
Dr. Sujata Chakravarty  
(Professor and Center Head),  
Dr. Dillip Rout  
(Assistant Professor),  
Mr. Debendra Maharana  
(Assistant Professor and HoD)

**Zoom Meeting Link-**  
<https://us02web.zoom.us/j/88473154206?pwd=em8laE5sTHF1Vld4MXk4dGdLbnhIZz09>

**Registration Link-**  
<https://tinyurl.com/p36hfz5j>

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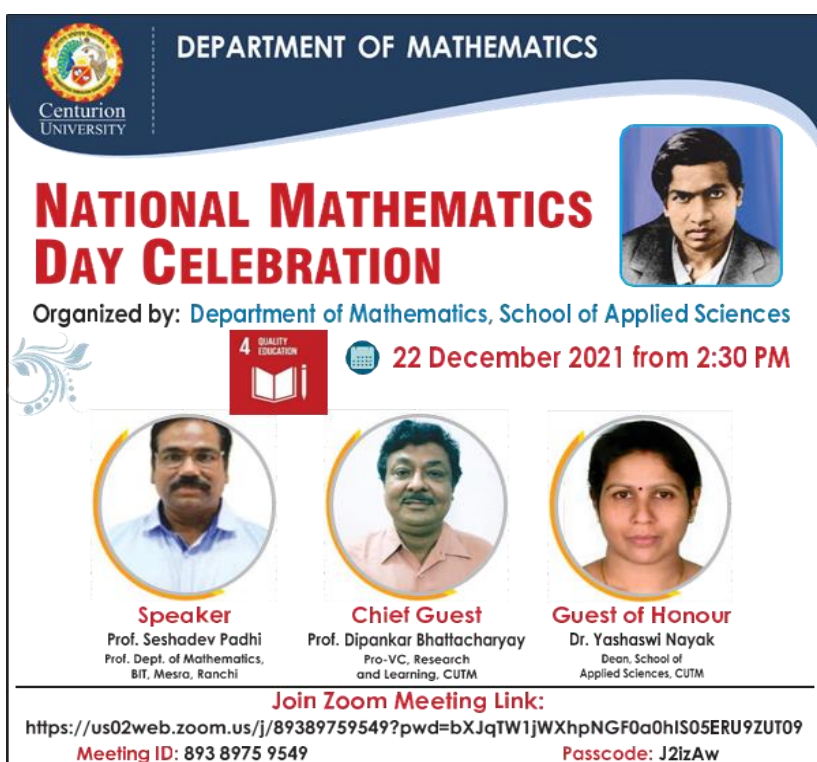
  
**Convener**



#### 4. National Mathematics Day

##### Event Description:

Celebration of National Mathematics Day in form of Webinar was organized by Department of Mathematics, School of Applied Sciences on 22<sup>nd</sup> December 2021.



The poster features the Centurion University logo at the top left. The main title is 'NATIONAL MATHEMATICS DAY CELEBRATION' in large red letters. Below the title, it says 'Organized by: Department of Mathematics, School of Applied Sciences'. A date and time '22 December 2021 from 2:30 PM' is displayed in red. A '4 QUALITY EDUCATION' logo is also present. Three circular portraits of the participants are shown: a Speaker, a Chief Guest, and a Guest of Honour. At the bottom, the Zoom meeting link, ID, and passcode are provided.

**DEPARTMENT OF MATHEMATICS**

Centurion UNIVERSITY

**NATIONAL MATHEMATICS DAY CELEBRATION**

Organized by: Department of Mathematics, School of Applied Sciences

22 December 2021 from 2:30 PM

**4 QUALITY EDUCATION**

**Speaker**  
Prof. Seshadev Padhi  
Prof. Dept. of Mathematics,  
BIT, Mesra, Ranchi

**Chief Guest**  
Prof. Dipankar Bhattacharyay  
Pro-VC, Research  
and Learning, CUTM

**Guest of Honour**  
Dr. Yashaswi Nayak  
Dean, School of  
Applied Sciences, CUTM

**Join Zoom Meeting Link:**  
<https://us02web.zoom.us/j/89389759549?pwd=bXJqTW1jWXhpNGF0a0hIS05ERU9ZUT09>  
**Meeting ID: 893 8975 9549** **Passcode: J2izAw**

*J. Nayak*

**Convener**



## 5. Workshop on the Recent Trends in Software Industries

### Event Description:

The Training and Placement Cell in collaboration with the Computer Science and Engineering Department and EduTech & SkillsTech Center organized a workshop on the Recent Trends in Software Industries on 11<sup>th</sup> January 2022. Mr. Jeevan Jena, Project Manager in Wipro, was the invited Alumni Speaker.



**Workshop on Recent Trends in Software Industries**

**Centurion UNIVERSITY**

**Guest:**  
**Mr. Jeevan Jena**  
**Project Manager in Wipro**  
**CUTM Alumni (2004)**

**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of Education Initiative)

**Zoom Meeting**

**Organized By:**

**Dr. Dhawaleswar Rao CH      Mr. Kirtidev Mohapatra      Dr. Prajna Pani**

**Date- 11<sup>th</sup> January 2022**  
**Time: 10:30 AM – 12:30 PM**

**Centre for EduTech & Skills Tech, Dept. of Computer Science & Engineering , Training & Placement Cell**

*Prajna Pani*

**Convener**



## 6. Webinar on Real World Applications of Business Analytics in Data Science & AI / ML from Industry Practitioners' Point of View

### Event Description:

This webinar on Real World Applications of Business Analytics in Data Science & AI / ML from Industry Practitioners' Point of View was organized by Department of Computer Science and Engineering, CUTM, Bhubaneswar Campus in Collaboration with TCS iON Higher Education Team on 20th January 2022 at 10.00 AM.



  
CENTURION UNIVERSITY

**WEBINAR ON**

**Real World Applications of Business Analytics in Data Science & AI / ML from Industry Practitioners' Point of View**

**Date: 20th January, 2022 | Day: Thursday | Time: 10:00 AM (IST)**

**Organised by :** Department of Computer Science and Engineering, Bhubaneswar Campus in Collaboration TCS iON Higher Education Team.



**Speaker**

**Dr. Sibani Mohapatra**  
(Fellow, IIM Indore)  
Consulting Partner – Higher Education Team, TCS iON

**Coordinators :**

Dr. Sujata Chakravarty  
Professor and Head  
CUTM, BBSR

Mr. Kaustav Sengupta  
Regional Head  
East TCS iON Higher Education Team.

**Zoom meeting link:**

<https://us02web.zoom.us/j/85110890097?pwd=M24xeVNCUnZyaWt6bXg4cWdUaTNRUT09>

Meeting ID: 851 1089 0097  
Passcode: 803144

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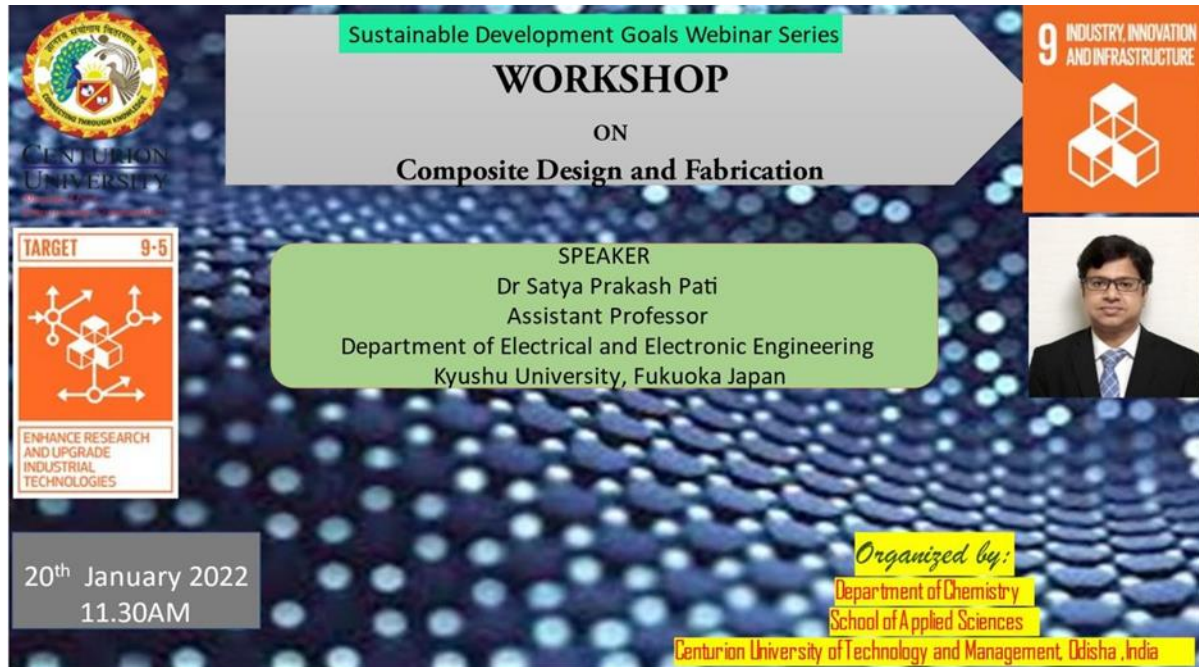
  
**Convener**



## 7. Workshop on Composite Design and Fabrication

### Event Description:

The workshop on Composite Design and Fabrication was organized by Department of Chemistry, BBSR Campus, CUTM on 20<sup>th</sup> January, 2022.



The poster features a blue background with a grid of glowing dots. At the top left is the Centurion University logo. A green banner at the top center reads "Sustainable Development Goals Webinar Series". Below it, a grey arrow-shaped box contains the text "WORKSHOP ON Composite Design and Fabrication". To the right is a red box with "9 INDUSTRY, INNOVATION AND INFRASTRUCTURE" and a white geometric logo. A green box in the center lists the speaker: "SPEAKER Dr Satya Prakash Pati Assistant Professor Department of Electrical and Electronic Engineering Kyushu University, Fukuoka Japan". To the right of this is a portrait of Dr. Satya Prakash Pati. On the left, a red box labeled "TARGET 9-5" shows a network diagram and the text "ENHANCE RESEARCH AND UPGRADE INDUSTRIAL TECHNOLOGIES". At the bottom left, a grey box shows the date and time: "20<sup>th</sup> January 2022 11.30AM". At the bottom right, a yellow box lists the organizers: "Organized by: Department of Chemistry School of Applied Sciences Centurion University of Technology and Management, Odisha, India".

Atia Arzoo

Convener



## 8. Webinar on Introduction to 3D Game Design & Development Process.

### Event Description:

This webinar on the topic “Introduction to 3D Game Design & Development Process” was organized by the Centre for EduTech and SkillsTech, CUTM on 5<sup>th</sup> February 2022 at 10:00 A.M.

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**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of HRD Initiatives)

**School of Media and Communication**  
in collaboration with  
**Centre for EduTech and SkillsTech**

# WEBINAR ON Introduction to 3D Game Design & Development Process

**Software used:**  
**Autodesk Maya &  
Substance Painter**

**Rajesh M Dharan**  
Sr. 3D Game Generalist at Fingent, Kochi

Join Zoom Meeting: <https://us02web.zoom.us/j/85242465662?pwd=N2wyOVVWZDB4VXJlY0RlME5EVW1GOT09>  
Meeting ID: 852 4246 5662, Passcode: 392786

Scan the QR to Join the Meeting

**Date: 5<sup>th</sup> February 2022** | **Moderator: Dr. Prajna Pani**  
**Time: 10 AM to 11 AM** | **Organizer: Mr. Saban Kumar Maharana**

*Prajna Pani*

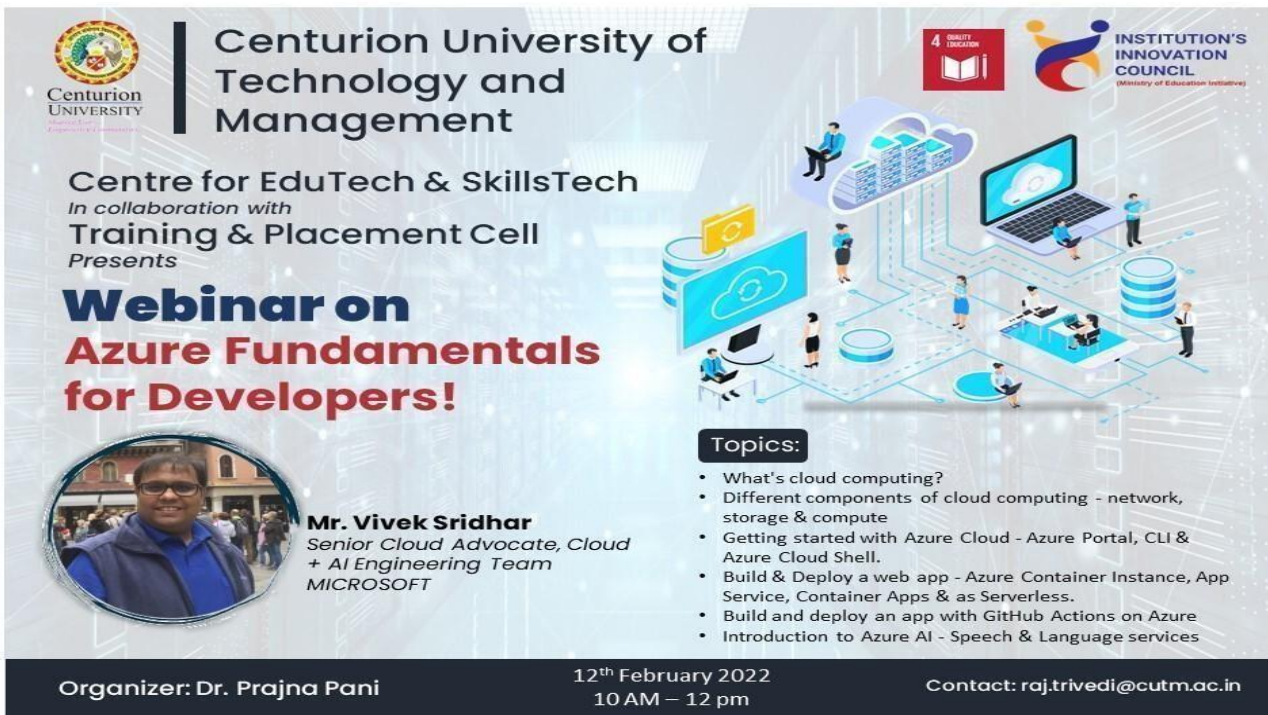
Convener



## 9. Webinar on Azure Fundamentals for Developers

### Event Description:

This webinar on the topic “AZURE FUNDAMENTALS FOR DEVELOPERS” was organized by the Centre for EduTech & SkillsTech in collaboration with the Training & Placementcell, CUTM on 12<sup>th</sup> February 2022 at 10.00 A.M.



The poster features a central illustration of a 3D digital workspace with people interacting with various cloud computing icons like servers, databases, and laptops. Logos for Centurion University, Institution's Innovation Council, and Quality Education are at the top. A list of topics is provided on the right, and a photo of the speaker, Mr. Vivek Sridhar, is on the left. The bottom section contains the organizer's name, date, time, and contact information.

**Centurion University of Technology and Management**  
Centre for EduTech & SkillsTech  
In collaboration with Training & Placement Cell  
Presents  
**Webinar on Azure Fundamentals for Developers!**

**Mr. Vivek Sridhar**  
Senior Cloud Advocate, Cloud + AI Engineering Team  
MICROSOFT

**Topics:**

- What's cloud computing?
- Different components of cloud computing - network, storage & compute
- Getting started with Azure Cloud - Azure Portal, CLI & Azure Cloud Shell.
- Build & Deploy a web app - Azure Container Instance, App Service, Container Apps & as Serverless.
- Build and deploy an app with GitHub Actions on Azure
- Introduction to Azure AI - Speech & Language services

Organizer: Dr. Prajna Pani  
12<sup>th</sup> February 2022  
10 AM – 12 pm  
Contact: raj.trivedi@cutm.ac.in

*Prajna Pani*

Convener



## 10. Webinar on Role of Digital Marketing for Aspiring Start-ups.

### Event Description:

This webinar on the topic “**Role of Digital Marketing for Aspiring Start-ups**” was organized by the Centre for Innovation and Entrepreneurship, CUTM on 3<sup>rd</sup> March 2022 at 3:30 P.M.



**ROLE OF DIGITAL MARKETING  
FOR ASPIRING START-UP**

Centurion University of Technology & Management  
Centre of Innovation & Entrepreneurship

03rd March 2022, 3.30pm  
Zoom Platform

Coordinated By  
Dr. Madhusmita Choudhury

Speaker: Mr. Jayendra Kumar Sahu  
Performance Marketing Manager at M2P Fintech

Logos: Centurion University of Technology & Management, INSTITUTION'S INNOVATION COUNCIL, 9 NORTH AVENUE, #04-01, SINGAPORE 117598

*Madhusmita Choudhury*

Convener



## 11. International webinar on “Stem cell and gene editing in microgravity research and future scope.”

### Event Description:

This webinar on the topic “Stem cell and gene editing in microgravity research and future scope.” was organized by The Department of Botany, CUTM from 5<sup>th</sup> March, 2022.

**RECENT ADVANCES IN APPLIED SCIENCE SERIES**  
**S WEBINAR**

**INTERNATIONAL WEBINAR ON:**  
Stem cells & Gene editing in Microgravity Research and future scope

ORGANIZED BY -  
Department of Botany, SoAS, CUTM

IN ASSOCIATION WITH -  
Center for Genetics & Genomics

**Mar 05 Saturday**  
03.00 pm IST

Join Zoom Meeting :  
<https://us02web.zoom.us/j/824377199117>  
pwd=1MvpsTjseExwajN5mpucDRMDE32z09

Meeting ID: 824 377 19911  
Passcode: 391859

Click on the link below to register for the certificate :  
<https://forms.gse/yuh9B1N1L7DhYCAR4>

For queries contact:  
Dr. Rukmini Mishra,  
Associate Professor and Head,  
Department of Botany, SoAS, CUTM  
E-mail: [rukmini.mishra@cutm.ac.in](mailto:rukmini.mishra@cutm.ac.in)

**Our Speaker:**

**Dr. Aviseka Acharya**  
Space Biologist, Science Entrepreneur & Mentor  
Institut für Neurophysiologie  
der Universität zu Köln,  
Köln, Germany

With more than 14 years of research experience (industrial and academic), Dr. Aviseka is one of the most conversant researchers in his field of molecular stem cell biology. Currently, he is investigating the effects of long & short-term  $\mu g$  &  $hg$  on induced pluripotent stem cells (iPSCs) for cardiovascular biology and model diseases "in a dish" with precise genome editing technologies advanced CRISPR/Cas. His recent works are developing nanoparticle coated air purifier.

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*Rukmini Mishra*

Convener



## 12. National Seminar on Climate Resilient Technologies for Sustainable Agriculture- Interventions and approaches.

### Event Description:

The National Seminar on Climate Resilient Technologies for Sustainable Agriculture- Interventions and approaches was organized by Department of Genetics and Plant Breeding and Seed Science and Technology, M S Swaminathan School of Agriculture, Centurion University of Technology and Management during 26-27 march 2022

<p><b>ORGANIZING COMMITTEE</b></p> <p><b>CHIEF PATRON</b>  <b>Prof. Supriya Pattanayak</b>  <i>Honorable Vice-Chancellor              CUTM, Paralakhemundi</i></p> <p><b>PATRONS</b>  <i>Registrar, CUTM, Paralakhemundi</i>  <b>Prof. M. Devender Reddy</b>  <i>Dean, Agriculture, MSSSOA, CUTM</i>  <b>Dr. S. P. Nanda</b>  <i>Dean, Admn. MSSSOA, CUTM</i>  <b>Dr. J. Anil Kumar</b>  <i>Associate Dean, MSSSOA, CUTM</i></p> <p><b>PATRONS ADVISORY COMMITTEE</b>  <b>Prof. A. Siva Sankar</b>  <b>Prof. Lada Kishore Nath</b>  <b>Prof. B. Harishtha Rao</b>  <b>Dr. K. Krishnam Raju</b></p> <p><b>ORGANIZING SECRETARY</b>  <b>Dr. Niranjan Kumar Chaurasia</b>  <b>Dr. Vinay Kumar</b></p> <p><b>ORGANIZING COMMITTEE MEMBERS</b>  <b>Dr. Sanghamitra Rout</b>  <b>Dr. Suman Parre</b>  <b>Dr. P. Susmitha</b>  <b>Dr. Praveen Patted</b>  <b>Dr. Siddhartha S. Sharma</b>  <b>Mr. Durgadatta Meher</b>  <b>Dr. Rashmi K</b>  <b>Ms. Kajal Samantara</b>  <b>Dr. Ananda Chakraborty</b></p>	<p><b>Registration Form</b></p> <p>Full Name: _____              Designation: _____              Affiliation/Institute: _____              Full Address: _____              E-mail ID: _____              Mobile/Phone No: _____              Thematic area: _____              Title of the abstract/paper: _____</p> <p>Presentation Mode: Oral/Poster/Participation              Registration fee paid (Rs): _____              Reference No. of Payment: _____</p> <p>Signature of candidate: _____</p> <p><b>For any query, feel free to contact</b></p> <p><b>Organizing Secretary</b>              Email: <a href="mailto:crtsaia2022@gmail.com">crtsaia2022@gmail.com</a>              Mob. No. +91-8814038997/9036843674</p> <p><b>Registration Link:</b>  <a href="https://docs.google.com/forms/d/e/1FAIpQLSeafvNF6F7qV3wPgb6vKNdWAT1uCdUuM4tdhUrrN10i7Uw/viewform?vc=0&amp;c=0&amp;w=1&amp;fr=0">https://docs.google.com/forms/d/e/1FAIpQLSeafvNF6F7qV3wPgb6vKNdWAT1uCdUuM4tdhUrrN10i7Uw/viewform?vc=0&amp;c=0&amp;w=1&amp;fr=0</a></p>	 <p><b>National Seminar</b>              on  <b>CLIMATE RESILIENT TECHNOLOGIES</b>              FOR SUSTAINABLE  <b>AGRICULTURE-INTERVENTIONS</b>  <b>AND APPROACHES (in Virtual Mode)</b></p>  <p><b>26<sup>th</sup> – 27<sup>th</sup> March, 2022</b></p> <p><b>Organized by:</b>              Department of Genetics &amp; Plant Breeding              and Seed Science &amp; Technology  <b>M. S. SWAMINATHAN SCHOOL OF AGRICULTURE</b>              (ICAR Accredited Institution), CUTM,              Paralakhemundi, Odisha- 761211  <a href="http://www.cutm.ac.in">www.cutm.ac.in</a></p>
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<p><b>ABOUT MSSSOA</b></p> <p>M. S. Swaminathan School of Agriculture (ICAR Accredited Institute) is a constituent of Centurion University of Technology and Management, Paralakhemundi, Gajapati District, Odisha is a state private multi-sector allied university accredited with grade-A by NAAC and approved by UGC. This university is duly recognized as pioneer in "Skill longed Higher Education".</p> <p>Its unique model lays specific emphasis on creating sustainable livelihoods on a national scale in challenging geographies through education that results in employability and sparks entrepreneurship. Since its inception in 2005 and subsequent recognition as a university in 2019, Centurion university has created a unique environment that ensures a balanced learning and employability path for youth in resource poor geographies of Odisha and Andhra Pradesh.</p> <p><b>ABOUT THE SEMINAR</b></p> <p>Climate change has far serious implications concerning the food and nutritional security of nations like India where agriculture is the backbone of nation's economy and growing population is the biggest reason to worry. It is anticipated that global food demand is expected to grow substantially with the population increase to over 9 billion people by 2050. To ensure the global as well as national food security, new innovations and approaches are required to achieve more sustainable development of agriculture and allied sectors. Application of broad and system based approaches which include environmental, socio-economic status of the farmers, societies across all levels of organization is the need of the hour. Interventions of climate resilient technologies have immense potential to sustain productivity in agriculture and allied sector and improve socio-economic status of the farmer.</p> <p>In this context, the present national seminar on "Climate Resilient Technologies for Sustainable Agriculture-Interventions and Approaches" (CRITSAIA) aims to provide a platform for academicians, researchers, and entrepreneurs for sharing their knowledge and experiences.</p>	<p><b>THEMATIC AREAS</b></p> <ol style="list-style-type: none"> <li>1. Agronomy</li> <li>2. Agricultural Meteorology and Remote Sensing</li> <li>3. Genetics and Plant Breeding</li> <li>4. Agricultural Biotechnology</li> <li>5. Agricultural Entomology</li> <li>6. Plant Pathology</li> <li>7. Horticulture</li> <li>8. Animal Husbandry</li> <li>9. Fisheries and Aquaculture</li> <li>10. Post-harvest management</li> <li>11. Economics</li> <li>12. Agriculture Engineering</li> <li>13. Agri-Business and Marketing</li> <li>14. Agriculture Extension</li> <li>15. Environmental Sciences</li> </ol> <p><b>Lightning round for student and researchers Awards</b></p> <p>The best oral and poster presentation in each thematic area will be awarded in the seminar. All registered participants will get participation certificate.</p> <p><b>Submission of Abstract</b></p> <p>Abstract should not exceed 300 words in Times, New Roman 12 font size on any one of the aforesaid thematic area. Abstract should be either uploaded online registration form or send to the organizing secretary via email at <a href="mailto:crtsaia2022@gmail.com">crtsaia2022@gmail.com</a>.</p> <p><b>Important Dates</b></p> <p>Last date for registration: 26/03/2022              Last date for abstract submission: 25/03/2022              Notification of acceptance: 24/03/2022</p>	 <p>Registration fees for              Faculty/Scientist/Entrepreneur: Rs. 300/-              RA/SRF/JRF: Rs. 200/-              Students: Rs. 100/-</p> <p>Online payments against registration will be made to</p> <p>Bank Account No. 1668131000054              IFSC Code: PUNB0166819              Account Holder Name              Centurion University of Technology and Management              Bank Name: PUNJAB NATIONAL BANK              Branch Name: B. Etapur</p> <p>Branch Address: B. Etapur, Cutm Campus, Village Abun Nagar, P.O. B. Etapur, Paralakhemundi, Dist. Gajapati, Odisha, Pin-761211</p> 
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*Vinay Kumar*




Convenor

*[Signature]*

### 13. Workshop on Antenna Design, RF Circuit Simulation, EMI/EMC Analysis using Ansys software

#### Event Description:

This workshop on the topic “Antenna Design, RF Circuit Simulation, EMI/EMC Analysis using Ansys software” was organized by the Dept. of Electronics & Communication Engineering, CUTM on 13<sup>th</sup> April 2022 at 1:00 P.M.




**Workshop on Ansys Software Antenna Design, RF Circuit Simulation, EMI/EMC analysis**

Date: - 13<sup>th</sup> APRIL 2022  
(1.00 PM-4.00 PM IST)

**Organized by :**  
Dept. of Electronics & Communication Engineering

**Resource Person**



**Monisha Kamal Konda**  
Application Engineer  
CADFEM INDIA

**Coordinators :**  
Dr. Harish Chandra Mohanta  
Associate Professor  
Dept. of ECE, SoET, CUTM  
Mob No.: 7008394417

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## 14. MATLAB Workshop on Mathematics and Machine Learning

### Event Description:

This MATLAB workshop on the topic “Mathematics and Machine Learning” was organized by the Dept. of Electronics & Communication Engineering, CUTM on 23<sup>rd</sup> April 2022 at 11:30 A.M.




**MATLAB WORKSHOP: MATHEMATICS AND MACHINE LEARNING**

Date: - 23rd APRIL 2022  
(11.30 AM-2.00 PM IST)

*Organized by :*  
Dept. of Electronics & Communication Engineering

**Resource Person**



**Mr. Pickon Majumdar**  
Application Engineer  
ELMAX SYSTEMS & SOLUTIONS

**Coordinators :**  
Dr. Harish Chandra Mohanta  
Associate Professor  
Dept. of ECE, SoET, CUTM  
Mob No.: 7008394417

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## 15. Webinar on National Conference on Mechatronics, Computing and Signal Processing

### Event Description:

This webinar on the topic “National Conference on Mechatronics, Computing and Signal Processing” was organized by the Centre for Innovation and Entrepreneurship, CUTM from 29<sup>TH</sup> to 30<sup>TH</sup> April, 2022.

Committee Members	Registration Form	3rd National Conference On Mechatronics, Computing & Signal Processing 29 <sup>th</sup> -30 <sup>th</sup> APRIL 2022 (Online Conference through Zoom)
<p><b>CHIEF PATRON</b> Prof.(Dr) Supriya Pattanayak, VC, CUTM</p> <p><b>PATRON</b> Prof. (Dr) Anita Patra, Registrar, CUTM</p> <p><b>ADVISORY COMMITTEE</b> Prof.(Dr) A.M. Mohanty, Pro VC, CUTM Prof.Jagannath Padhi, Director, CUTM Prof.(Dr) Dipankar Bhattacharya, Pro VC (Research), CUTM Prof.(Dr.) Prasanta Kumar Mohanty, Dean Academics, CUTM</p> <p><b>CONFERENCE ORGANIZING CHAIR</b> Prof.(Dr.) Harish Chandra Mohanta, HOD , ECE</p> <p><b>TECHNICAL COMMITTEE</b> Dr. S. Biswas, IIT Guwahati Dr. S. Pandit, Calcutta University Dr. K. C. Ray, IIT Patna Dr. Sazia Hasan, BITS Dubai Dr. Pradyut K. Biswal, IIIT Bhubaneswar Dr. Subrat Kumar Mohanty, IIIT Bhubaneswar Dr. S. Baliarsingh, KIIT Bhubaneswar Dr. Ravi V, VIT Chennai Dr. R. Arun Sekar, GMRIT Rajam Dr. P. S. Subudhi, BIT Wardha Dr. Sushanta Mandal, Dean BGU, Bhubaneswar</p> <p><b>CONVENER</b> Dr. Chinmayee Dora Asst. Professor, Dept of ECE Dr. Chandra Sekhar Dash Asst. Professor, Dept of ECE</p> <p><b>ORGANIZING COMMITTEE</b> Dr. Ashish Ranjan Dash Dr. Kamal Kumar Barik Dr. Sudhansu Kumar Samal Dr Mamata Garanayak Dr. Murali M. Mrs. Swarna Prabha Jena Mr. Subrat Kumar Pradhan</p> <p>Mr. Prabhat Kumar Patnaik Mrs. N Jeeva Ratnam Mrs. Prajan Paramita Debata Mr. Sandipan Pine Mr. S. N. Padhi Mr. Rajesh Mishra Mr. Nimay Chandra Giri Mrs. Bhabani Dash</p>	<p><b>Registration Form</b></p> <p><b>3rd National Conference On Mechatronics, Computing &amp; Signal Processing 29<sup>th</sup>-30<sup>th</sup> APRIL 2022</b></p> <ol style="list-style-type: none"><li>Name : .....</li><li>Designation : .....</li><li>Department : .....</li><li>Research Area : .....</li><li>Institution : .....</li><li>Highest Qualification : .....</li><li>Address for Communication : .....</li><li>E-mail : .....</li><li>Contact Number : .....</li><li>Payment Transaction ID : .....</li></ol> <p><b>Kindly fill the below link to register</b> <a href="https://docs.google.com/forms/d/1I4a2QL5WV6d32GmX1Dh-SR-6-ZL51t-UV4eGRFpQM9KcWw/viewform">https://docs.google.com/forms/d/1I4a2QL5WV6d32GmX1Dh-SR-6-ZL51t-UV4eGRFpQM9KcWw/viewform</a></p> <p><b>The Registration Fee should be paid to the following account: CENTURION UNIVERSITY Account Number: 36700033488 IFSC: SBIN0002071 Branch: JATNI</b></p>	<p><b>3rd National Conference On Mechatronics, Computing &amp; Signal Processing 29<sup>th</sup>-30<sup>th</sup> APRIL 2022 (Online Conference through Zoom)</b></p> <p> <b>Centurion UNIVERSITY</b> <i>Shaping Lives Empowering Communities</i></p> <p><b>Organised by:</b> Department of Electronics and Communication Engineering School of Engineering and Technology Bhubaneswar Campus CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT At : Ramchandrapur, Po : Jatni, Dist : Khurda, PIN : 752050 Odisha, India, Email: mmsp@cutm.ac.in</p> <p><b>Website: <a href="https://sites.google.com/view/mcsp2022/home">https://sites.google.com/view/mcsp2022/home</a></b></p> 

### About the University

Centurion University is a State-enacted University which was established in the year 2010 by an act of the state legislature. Centurion University is accredited with NAAC "A" grade. School of Engineering & Technology (SoET Bhubaneswar Campus) is a constituent college of Centurion University of Technology & Management which is the First Multi-Sector State Private University in Odisha recognized by AICTE. SoET BBS draws on the experience of highly qualified faculties, emeritus professors and industry personnel. The institute has excellent infrastructure and state-of-the-art equipment. The institute has a global perspective coupled with a global academic interface. Sprawling across 40 acres, Bhubaneswar Campus is located within the Bhubaneswar Development Authority (BDA) area, established in the year 2008. The institute presently has an intake of 1000 students across five branches. Bhubaneswar campus has created a unique niche by providing opportunities for inclusive education of international standards.

### About Department of ECE

The Department of Electronics and Communication Engineering aims to train qualified and dynamic engineers in the rapidly evolving fields of Smart Devices, Mobile Emerging Technologies, Automation, Industrial IoT, and VLSI. The Department has advanced and current laboratory equipment as well as software/tools (ANSYS, CADENCE, MATLAB, MULTISIM, KEIL uVision, LABVIEW) for research and development in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI and Embedded System. The ECE department works on real-time application projects in Smart Irrigation, Industrial IoT, Soil Moisture Prototyping, Insulin Pump Prototyping, and Chip Design. A Robotics Club is functional in the department since 2009. The department has its own departmental library, along with the main library, to facilitate the departmental students.

### Contact us:

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### Objective

The scope of National Conference is to provide a multidisciplinary platform for the exchange of ideas and knowledge among interested researchers, students, academician, and practitioners in the areas of Mechatronics, computing and Signal Processing. The conference will strengthen the relationships with other institutions and scientists, industry personnel and facilitate joint research programmers in these highly challenging areas.

### Call for Papers

Mechatronics is a multidisciplinary field of engineering that includes a combination of system engineering, mechanical engineering, electrical engineering, computer engineering and electronics and instrumentation engineering.

Topics of interest include but not limited to:

#### MECHATRONICS

Mechatronics, Mechanical System Design, Pneumatic & Hydraulic System, Industrial Robotics & Automation, Advanced Electric, Drives and Controls, Control Systems and Applications, Intelligent Controllers, Measurement and control, Power Electronic Controllers to Power Systems, Virtual Instrumentation, Sensors, Fluid and Dynamics, Vibration & Control, CAD/CAM, Programmable Logic Controller, Actuators, Material Management, Optimal Design, Analog and Digital Circuits, ADC/DAC, Electronics Instrumentations, Sensor technology, Solid Modeling, Manufacturing, Vibration & Noise Control.

#### COMPUTING

Artificial Intelligence and Machine Learning, Cloud, Cluster, Grid and Computing, Computational Intelligence, Computer Architecture and VLSI Computer Graphics, Simulation and Modeling, Cryptography, Computer Network, ADHOC, Web Design, Data Management & Mining Digital System and Logic Design, Internet Computing, Mobile Computing, Parallel and Distributed Algorithms, Pattern Recognition and Analysis Robotics and Machine Vision, Security.

#### SIGNAL PROCESSING

Adaptive Signal Processing, Audio / Speech Processing and Coding, Biomedical Image Processing, Digital Signal Processing, Image / Video Processing, Power Signal Processing, Signal Processing for Communications and Security, VLSI Signal Processing, Analog and Digital Communication, Antennas, RF and Microwave Communications, Cognitive Radio and Cognitive Networks, Information Theory and Coding, Internet Security and Signal Processing, Advanced Electric, Drives and Controls, Control Systems and Applications, Intelligent Controllers, Measurement and control, Power Electronic Controllers to Power Systems, Power Quality and Control, Power System Management and Control, SCADA / Embedded Systems, Electrical Devices, Ant Colony for Neural Network Optimization, Chaos Theory in Genetic Algorithms, Evolutionary Computing, Fuzzy System Optimization, Genetic Algorithm, Genetic Neural Systems, Hybrid optimization techniques, Neural Network Optimization, Neuro-Fuzzy-Genetic Approaches etc.

### Paper Submission

Authors are invited to submit papers to the upcoming conference. The manuscript/ paper can be submitted through email to [mosp@cutm.ac.in](mailto:mosp@cutm.ac.in) in the IEEE format only. Maximum of 4 authors can participate in any paper submission. A maximum of 8 pages are allowed for any paper/ manuscript. Manuscripts submitted to this conference will be deemed as they have not been published and are not under consideration for publication elsewhere.

After the conference, extended papers will be published in **Centurion Journal of Multidisciplinary Research** and a few selected papers to be published in a Scopus indexed journal.

### Important Dates

- Full Paper Submission: 31st March 2022
- Acceptance Notification: 11th April 2022
- Camera Ready Paper Submission: 18th April 2022
- Registration: 15th April 2022

Registration Fee in (Rs)	
Students & Research Scholars	1500
Academic/R & D	2000
Industry Participants	2500
Non-Author Participants	500


Convener



## 16. Workshop on Data Science using MATLAB.

### Event Description:

This workshop on the topic “Data Science using MATLAB” was organized by the Dept. of Electronics & Communication Engineering, CUTM on 6<sup>TH</sup> May 2022 at 11:30 A.M.




**Workshop on Data Science using MATLAB**

Date: - 6<sup>th</sup> MAY 2022  
(11.30 AM-2.00 PM IST)

**Organized by :**  
Dept. of Electronics & Communication Engineering

**Resource Person**



**Mr. Pickon Majumdar**  
Application Engineer  
ELMAX SYSTEMS & SOLUTIONS

**Coordinators :**  
Dr. Harish Chandra Mohanta  
Associate Professor  
Dept. of ECE, SoET, CUTM  
Mob No.: 7008394417

centurion university of technology and management  
*Shaping Lives... Empowering Communities...*



Convener



## 17. Workshop on Microtomy Technique II

### Event Description:

This workshop on the topic “Microtomy Technique II” was organized by the Dept. of Zoology, CUTM on 7<sup>TH</sup> May 2022 at 10:00 A.M.



The image shows a laboratory setting with a microtome and a tissue flotation bath. The text "WORKSHOP ON MICROTOMY TECHNIQUE II" is overlaid in the center. Logos for "4 QUALITY EDUCATION" and "CENTURION UNIVERSITY" are visible in the top left and right corners respectively.

**4 QUALITY EDUCATION**

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**WORKSHOP ON  
MICROTOMY TECHNIQUE II**

  
**Dr. Siba Prasad Parida**  
Associate professor  
Department of Zoology  
Centurion University of Technology  
and Management  
(Resource Person)

**Organized by**  
**Department of Zoology**  
School of Applied Sciences  
Centurion University of Technology &  
Management, Odisha, India

**VENUE:** Zoology lab, Room# 419,  
Madhusudan Building

**DATE:** 7th MAY, 2022

**TIME:** 10 AM

**For Queries Contact**  
**Dr Yashaswi Nayak**  
Associate Professor  
Head and Dean, School of Applied Sciences  
yashaswi.nayak@cutm.ac.in



Convener



## 18. 5th International Conference on Advances in Agriculture Technology and Allied Sciences (ICAATAS 2022)

### Event Description:

5th International Conference on Advances in Agriculture Technology and Allied Sciences (ICAATAS 2022)" organized by M. S. Swaminathan School of Agriculture (CUTM), Paralakhemundi, Odisha in collaboration with the Society of Agricultural Research and Social Development, New Delhi in Hybrid (Online/Offline) Mode from 4th to 5th June 2022



Dr. Ashirbachan Mahapatra

Organizing Secretary (ICAATAS 2022)



Dr. Anita Patra, Registrar, CUTM