



**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, Associte 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.







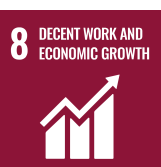
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Attendance List:

<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 28th and 29th 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** **PATRON**





**CONVENER** **CO-CONVENER**





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Senior Nominee- CCSEA, Govt. of India

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Mr. Abhishek Sahu  
Ms. Sonalika Mahapatra  
Mrs. Sangeeta Chhotaray

**Publication Partner**



**CRC Press**  
Taylor & Francis Group

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**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. CCRAAS (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 modeling 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:**

- Pharmaceutics
- 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/RWLK4U1Mc5XjldKC9>

For any queries, Please mail at : [spls@cutm.ac.in](mailto:spls@cutm.ac.in)  
Contact No: 9777533626, 8639431464, 9944937088

**POSTER PRESENTATION**

Posters must be designed in portrait size of 90cm x 120cm.

**ORAL PRESENTATION**

Time allotted is only 10 Min for Power Point 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. Saurav Chawla  
Scientific Officer  
NISER, Bhubaneswar, Odisha



Dr. Prafulla Nandi  
Dean, School of Pharmacy and  
Life Sciences, Centurion University, Odisha  
Former Joint President, Cadila Pharma Ltd.



Mr. Saneesh Kumar Das  
Assistant Professor,  
Dept of Computer Science,  
Centurion University, Odisha.



Dr. Samanta Sekhar Khora  
Professor, Higher Academic Grade  
School of Bio-Sciences & Technology,  
Vellore Institute of Technology,  
Vellore, Tamil Nadu, India

**TRAINERS FOR ANIMAL EXPERIMENTATION**



Dr. Ashirbad Nanda  
Associate Professor  
SoPLS, CUTM



Mr. Satish Kanhar  
Associate Professor  
SoPLS, CUTM



Mr. Suman Kumar Mekap  
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>

