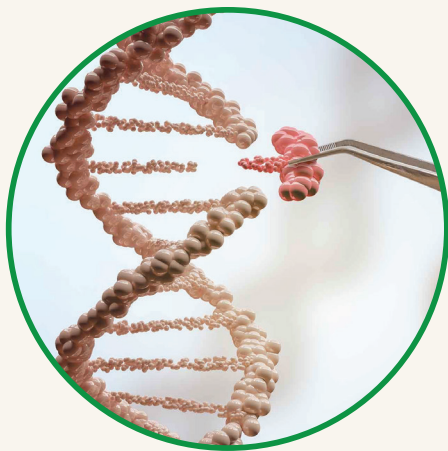


NCSST

National Conference
on Applied Science and
Sustainable Technology

1st National Conference on Applied Science and Sustainable Technology

 21st & 22nd February 2025



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Celebrating 25 Years of Academic Excellence

About the Conference

Applied Science & Sustainability Technology is a premier platform dedicated to advancing innovative research and technological solutions for a sustainable future. This interdisciplinary event plants to bring together researchers, industry experts, academicians, and policymakers to exchange knowledge on cutting-edge developments in applied sciences, sustainable technologies, and environmental stewardship. Key topics include noble food processing, sustainable agriculture, climate resilient by green technologies, and eco-friendly innovations. Through keynote speeches, technical sessions, and interactive workshops, the conference fosters collaboration, encourages knowledge-sharing, and drives actionable solutions that address pressing global challenges. Join us in shaping a sustainable world through science and technology.

About MIPS

MITS Institute of Professional Studies includes Biotechnology department focuses on cutting-edge areas such as genetic engineering, molecular biology, and bioinformatics, equipping students with skills for careers in research, healthcare, and industry. In Agriculture, the college emphasizes sustainable farming techniques, crop improvement, and agri-business management, catering to the region's agro-climatic needs. State-of-the-art laboratories, experimental farms, and research collaborations provide hands-on training. With a focus on innovation, sustainable development, and rural upliftment, MIPS College fosters future leaders in biotechnology & agricultural sciences.

Key-Note Speakers



Dr. Anjani Kumar

Senior Scientist (Soil Science), ICAR
National Rice Research Institute, Cuttack



Dr. Suryanarayan Rath

Asst. Professor, Department of Bioinformatics
OUAT, Bhubaneswar



Dr. Rameswar Prasad Sah

Senior Scientist (Genetics & Plant Breeding), ICAR
National Rice Research Institute, Cuttack



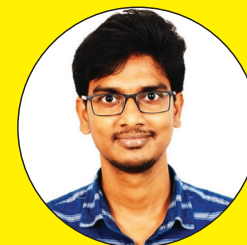
Dr. Madhusmita Dash

CSIR Research Associate
IIT, Bhubaneswar



Dr. Shweta Parida

Asst. Professor, Dept. of Food Science,
School of CISTS, KISS-Deemed to be University



Dr. Bibhuti Bhusan Champati

Asst. Professor, Department of Botany
Ravenshaw University, Cuttack

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About Rayagada

Rayagada District of Odisha, is a land rich in cultural geography and heritage, reflecting a blend of tribal traditions, natural beauty, and historical significance. Home to indigenous tribes such as the Dongria Kondh and Soura, the district is celebrated for its vibrant tribal festivals, art, and crafts, including the world-renowned Dongria Kondh shawls and intricate wall paintings. The region's geography is marked by rolling hills, dense forests, and the majestic Nagavali River, creating a breathtaking natural landscape. Historical sites like the Hatipathar waterfalls & ancient temples such as Majhighariani Temple add to Rayagada's cultural tapestry.

About MITS Group

MITS College, located in Rayagada, Odisha, is a premier institution known for its commitment to academic excellence and holistic development. Established with the vision of providing quality technical and management education, the college offers undergraduate and postgraduate programs in engineering, management, and applied sciences. Its state-of-the-art campus features modern classrooms, well-equipped laboratories, a digital library, and dedicated research centres. MITS emphasizes industry-oriented learning, fostering innovation through hands-on projects. With a strong focus on skill development and career placement, MITS College has emerged as a hub for aspiring professionals in southern Odisha. College offers specialized programs in Biotechnology and Agriculture, blending modern scientific principles with practical applications to address real-world challenges.

How to Reach

MITS Institute of Professional Studies (MIPS) is located in Sriram Vihar, Kolnara, Rayagada, Odisha. **By Train:** The Nearest Railway Station, Rayagada is approximately 13 kilometers from the campus and **By Bus:** Rayagada is well-connected by road, with several express and luxury bus services operating to and from major cities such as Visakhapatnam, Srikakulam, Vizianagaram, Cuttack, Bhubaneswar, Berhampur, Parlakhemundi, Gunupur, Jeypore, and Koraput.

Themes

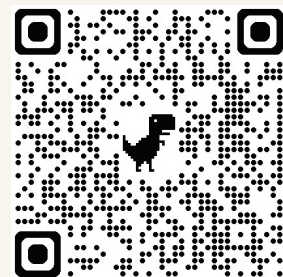
- 1) **Genomic & Biomolecular Engineering:** Gene editing and designing biological systems for industry, healthcare, and agriculture.
- 2) **Agricultural Soil Health:** Advanced technologies for improving & maintaining soil health & quality.
- 3) **Novel Food Processing:** Innovative methods like high-pressure, and ultrasonic processing.
- 4) **Bioinformatics & AI Biology:** Leveraging AI and big data for biological advancements.
- 5) **Biomedical Devices & Biosensors:** Innovations in diagnostics, monitoring & drug development.
- 6) **Environmental Biotech:** Waste management, bioremediation, and ecosystem restoration.
- 7) **Sustainable Agriculture:** Biofertilizers, modern farming, climate resilient varieties.
- 8) **Climate-Resilient:** Life science strategies to mitigate climate change impacts.
- 9) **Microbial Biotech:** Industrial applications of microbial processes.
- 10) **Sustainable Dairy Tech:** Environmental, social & economic approaches for sustainable dairy technology.

Call for Abstract

- ◆ Abstracts are invited on the theme and sub-themes of the conference. The abstract should be within 500 words (Font: Time New Roman, Size: 12, Alignment: Justified, Line-space: 1.5) and soft copy sent by **25th January 2025** to **ncasst-2025@mips.edu.in**.
- ◆ Registration is mandatory for all participants and authors and can be done by online google registration form provided in the brochure.
- ◆ Oral / Poster Presentation of the paper for the registered participants. Participation certificates will be issued to all the registered Participants.
- ◆ The registration fee includes conference kit, working lunch and tea on conference days, conference publication, and certification.
- ◆ Abstracts will be published in digital/electronic medium and hard copy bearing an **ISBN** number.
- ◆ **Best oral / poster presentation** will be awarded on the last day of the conference.

Registration Details

Scan for Registration



Registration :

Early Bird: 31st January 2025 Late Fee: 5th February 2025

Registration Link: <https://forms.gle/2b5xWNg8twrjT5Ed6>

DELEGATE	Registration without accommodation		Registration with accommodation	
	Early	Late	Single	Two Sharing
Students / Research Scholar	₹ 1000	₹ 1200	₹ 3000	₹ 2000
Academicians / Corporate Executives	₹ 2000	₹ 2500	₹ 3500	₹ 3000

Account Name: MITS Institute of Professional Studies

Account Number: 4800002100000034 IFSC: PUNB0480000



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