



**KALINGA  
UNIVERSITY**

**FACULTY OF TECHNOLOGY**

**INTERNATIONAL CONFERENCE**

**ON**

**ENGINEERING, AGRITECH &  
SUSTAINABLE RURAL  
ECOSYSTEMS**

**(ICEASRE-2027)**



**12<sup>th</sup> & 13<sup>th</sup> March 2027**



**<ADD DETAILS>**



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**Hybrid**



## ABOUT FACULTY OF TECHNOLOGY

The Faculty of Technology at Kalinga University is a comprehensive educational hub offering programs in engineering and technology, including B.Tech degrees in Electrical Engineering, Civil Engineering, and Mechanical Engineering. It also provides Diploma programs and M.Tech degrees. The faculty focuses on providing students with a strong foundation in theory and practical skills, preparing them for a variety of careers in the field.

## REGISTRATION & FEE PAYMENT

### Fee Details

| Categories                 | Registration Charges |
|----------------------------|----------------------|
| Faculty & Other Educators  | INR 2000/-           |
| Research Scholars          | INR 2000/-           |
| UG+PG Students             | INR 1200/-           |
| Industry Experts           | INR 2500/-           |
| International Participants | USD 50/-             |

**After the last date of Registration, the charges will be applicable as below:**

|                            |                      |
|----------------------------|----------------------|
| Each Category              | INR 250/- additional |
| International Participants | USD 20/- additional  |
| On-the-spot Registration   |                      |
| Each Category              | INR 500/- additional |

- 50% Concession to participants from Kalinga University and Colleges having MoU with Kalinga University, Naya Raipur.
- Accommodation will be provided at the Participants' request. (Charges Applicable).
- Registration Fees include a Conference Kit, High tea, Lunch and Snacks for both days.

## AWARDS

Participants will be given:

1. Registration Kit
2. Presentation/Participation Certificates
3. Best Paper Presentation Certificate



## SCOPE OF PAPERS

The International Conference on Engineering, Agritech and Sustainable Rural Ecosystems (ICEASRE-2027) aims to provide a Comprehensive platform for professionals, academics, researchers, policymakers, and industry Experts to discuss, share, and explore the latest advancements, applications, and potential Impacts of a greener future on sustainable development. The conference will provide insights into the United Nations Sustainable Development Goals (SDGs), focusing on how emerging technologies can contribute to achieving these goals. This includes addressing global challenges such as poverty, hunger, clean water and sanitation, affordable and clean energy, decent work, and climate action.

## CALL FOR PAPERS

### **Track 1: "Innovative Technologies for Sustainable Agriculture and Food Security"**

- AI and IoT in Precision Agriculture for Enhanced Productivity
- Genetic Engineering for Resilient Crops and Food Security
- Biotechnology for Converting Agricultural Waste into Renewable Energy

### **Track 2: "Sustainable Innovations for Global Health Advancement"**

- Wearable Health Technologies for Real-time Monitoring and Preventive Care
- Sustainable Production of Biopharmaceuticals and Eco-friendly Pharmaceuticals
- Biotechnological Solutions for Accessible and Green Healthcare

### **Track 3: "Advanced Solutions for Water Management and Sanitation"**

- IoT-Driven Smart Water Monitoring and Distribution Systems
- AI for Predictive Maintenance of Water Infrastructure
- Sustainable Desalination and Water Treatment Technologies for Remote Regions

### **Track 4: "Transformative Energy Technologies for a Sustainable Future"**

- Renewable Energy Systems and Innovative Energy Storage Solutions
- Nanotechnology for Clean and Efficient Energy Production
- Smart Grids and Renewable Energy Integration for Energy Optimization

### **Track 5: "Technological Innovations for Resilient and Sustainable Development"**

- Smart Manufacturing and the Role of Industry 4.0 in Sustainability
- Composite and Advanced Materials for Sustainable Infrastructure
- 3D Printing and Digital Twins for Eco-friendly Industrial Optimization

### **Track 6: "Technology-Driven Governance and Justice for Sustainable Development"**

- Blockchain for Transparent Governance and Anti-corruption Efforts
- AI for Predicting and Preventing Conflicts in Resource Distribution
- Digital Platforms for Strengthening Legal and Social Justice Systems

### **Track 7: "Innovative Educational Technologies for Sustainable Learning"**

- Integrating Technology in Education for Promoting Sustainability Awareness
- Sustainable Pedagogies for 21st Century Learning
- AR/VR Technologies in Promoting Hands-on Sustainability Learning

## CONVENORS

### **Dr. Vinay Chandra Jha**

Professor & HoD

Department of Mechanical Engineering  
Kalinga University, Naya Raipur

### **Dr. Manoj Kumar Nigam**

Professor & HoD

Department of Electrical Engineering  
Kalinga University, Naya Raipur

### **Dr. E. V. Raghava Rao**

HoD

Department of Civil Engineering  
Kalinga University, Naya Raipur

### **Dr. Swapnil Jain**

Associate Professor

Department of Mechanical Engineering  
Kalinga University, Naya Raipur

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20. Mr. Vikash Sahu, Assistant Professor



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**Dr. Dipti Verma**, Assoc. Prof., CSVTU, Bhilai

**Dr. Vikash Dubey**, Assoc. Prof., North-Eastern Hill University (NEHU), Shillong, Meghalaya

**Dr. Snehal Gawande**, Assoc. Prof., Yashwantrao Chauhan College of Engineering (Autonomous), Nagpur

**Dr. Uday Raj**, Assistant Professor, IIT Bhilai



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**Dr. Alok Sahu**, Principal Director, CIPET, Raipur

**Dr. Ajay Tripathi**, Prof. & Head, Mechanical, Engineering, GEC Raipur

**Prof. G. L. Siva Kumar Babu**, IISC, Bangalore

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**Dr. Ratinun Luampon**, Asst. Prof., Rajamangala University of Technology, Thailand



**Last Date of Abstract Submission**

**10<sup>th</sup> December 2026**

**Notification of Acceptance (Abstract)**

**01<sup>st</sup> January 2027**

**Registration Deadline**

**20<sup>th</sup> February 2027**

**Last Date of Paper Submission**

**20<sup>th</sup> February 2027**

**Notification of Acceptance (Paper)**

**01<sup>st</sup> March 2027**

**Release of Conference Schedule**

**02<sup>nd</sup> March 2027**

**Conference Date**

**12<sup>th</sup> & 13<sup>th</sup> March 2027**

**Paper Submission Email ID: [iceasre2027@kalingauniversity.ac.in](mailto:iceasre2027@kalingauniversity.ac.in)**

**\* Camera-ready paper should be in IEEE format.**



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