

## DEPARTMENT OF ELECTRICAL ENGINEERING, IGIT SARANG

No: IGIT/Elect/ 5-01


Date: 15.01.2025

### CIRCULAR

The Department of Electrical Engineering is organizing two days national Seminar/Symposium on Recent Advances in Electric Vehicle and Renewable Energy Systems (RAEVRE-2025) during 20<sup>th</sup> -21<sup>st</sup> January 2025. In this program, different events like Seminar presentation, MATLAB Modelling, Model exhibition, Technical Quiz etc. will be conducted. Interested students are requested to apply with the link provided in the leaflet. The leaflet is available on our institute website and institute notice boards.

#### Contact Details:

1. Dr. Maheswar Prasad Behera (m)9938240701
2. Dr. Umakanta Mahanta (m)9937308246
3. Dr. Manoj Kumar Choudhury (m)9937417687

  
15.01.2025  
Co-ordinator(s)  
RAEVRE-2025

#### Copy to:

1. PA to the Director for kind information of the Director
2. The warden of Hostels
3. Prof. in-charge website for uploading in institute website
4. Institute/Department notice boards
5. Hostel notice Boards

## SYMPOSIUM

ON

# RAEVRE

Recent Advances in Electric Vehicle &  
Renewable Energy System

20<sup>th</sup> -21<sup>st</sup> JANUARY 2025

at

DEPARTMENT OF ELECTRICAL ENGINEERING  
INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG

(AN AUTONOMOUS INSTITUTE OF GOVT. OF ODISHA)  
DHENKANAL, ODISHA - 759146

### IMPORTANT DATES


LAST DATE FOR ABSTRACT SUBMISSION: 17/01/25

ACCEPTANCE: 18/01/25

ONLINE REGISTRATION BY: 18/01/25



Organized by:  
Department Of  
Electrical Engineering

 www.igitsarang.ac.in

## Background

Indira Gandhi Institute of Technology Sarang, a 42 years old premiere technical institute under the Government of Odisha is proud to be an AICTE approved, NBA as well as NAAC accredited institute offering a spectrum of courses ranging from Diploma to Ph.D. The Department of Electrical Engineering with the vision of achieving excellence in teaching and research for the very purpose of public service takes pride in organizing a symposium on Recent Advances in Electric Vehicle & Renewable Energy Systems.

The Department has made an indelible mark in the recent fields of research in Power & Energy System, Power Electronics & Drives, Electric Vehicles & Control System.

With advanced labs and research facilities, the department promotes hands-on learning and innovation.

## About the symposium

The symposium aims at exploring recent developments in renewable energy integration, energy management, battery technology and charging infrastructure of Electric Vehicles, focusing on their applications in real world.

## Who can participate?

- 1.UG and PG Students who work in Electrical Engineering or any related fields.
- 2.Scientists and Researchers in relevant areas like renewable energy, battery technology, and electric vehicles.
- 3.Faculty Members from academic institutions.
- 4.Industry Professionals in materials science, energy management, and electric vehicle technologies.

Participants can present their work and engage with peers in the field.

## Call for papers

### Abstract Submission Guidelines

Students are invited to submit original papers based on theoretical or experimental work for oral or poster presentations. Abstracts (300 words max) must be submitted in MS Word format before 18th January in the link given below.

[https://docs.google.com/forms/d/e/1FAIpQLSfQSI\\_JMBIReyZe68zgl7gQXrd-0103NfmV-bi6kFpyn1rP-Q/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSfQSI_JMBIReyZe68zgl7gQXrd-0103NfmV-bi6kFpyn1rP-Q/viewform?usp=pp_url)

Accepted abstracts will be confirmed via email.

### Topics:

- 1.Advances in renewable energy sources and integration.
- 2.Efficient energy management and storage solutions.
- 3.Innovations in battery technology and charging infrastructure.
- 4.Power electronics and control strategies for electric vehicles.
- 5.Drive train and motor technology
- 6.Inverter technologies for modern applications.

### Requirements:

Include title, authors, and affiliations. Professors/mentors may be acknowledged but not listed as authors. Abstracts must reflect original work and avoid copying web content verbatim.

## Registration fee :

Accommodation ,Lunch, Dinner and Breakfast will be provided free of cost to the students. No registration fee.

QR CODE FOR REGISTRATION AND ABSTRACT SUBMISSION





## Awards and Certificates

Certificates of Participation will be awarded to all registered student delegates. Additionally, prizes will be awarded to the student(s) with the best presentation of their paper on the provided topic.



## Special attractions

- Quiz
- Knowledge knockout
- WORKSHOP on Electric Vehicle
- MATLAB Simulation
- Paper Presentation



## Organising Committee

### PATRON

Dr. Bidhyadhar Sahoo  
Director, IGIT Sarang

### CHAIRPERSON

Dr. Rabindra Behera  
HOD Dept. of Electrical Engineering

### Departmental Coordinators

- Dr. Maheshwar Prasad Behera  
Asst. Prof. Electrical Engineering
- Dr. Umakanta Mahanta  
Asst. Prof. Electrical Engineering
- Dr. Manoj Kumar Chaudhury  
Asst. Prof. Electrical Engineering
- Dr. Chinmay Kumar Nayak  
Asst. Prof. Electrical Engineering
- Dr. Bibhu Prasad Ganthia  
Asst. Prof. Electrical Engineering

### ADVISORY COMMITTEE

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Professor (Electrical) & Dean PGS&R
- Dr. Pranati Das  
Professor (Electrical) & Dean Students' welfare
- Dr. Tushar Kumar Nath  
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- Dr. Pratap Kumar Pani  
Professor (Civil) & Dean FARC

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- Mrs. Shilpa Patra
- Mr. Sidhartha Kumar Samal
- Dr. Smrutiranjana Nayak
- Dr.(Mrs) Somashree Pathy
- Dr. Subhashree Priyadarshini
- Mr. Subrat Kumar Biswal
- Dr. Subrat Kumar Pradhan

## Seminar Contact Details

Dr. Maheshwar Prasad Behera  
Mail id:- mpbehera@igitsarang.ac.in  
Phone number:-9938240701

Dr. Umakanta Mahanta  
Mail id:- igit2001umakanta@gmail.com  
Phone number:-9937308246

Dr. Manoj Kumar Chaudhury  
Mail id:- manojchaudhury@igitsarang.ac.in  
Phone number:-9937417687

## Student Co-Ordinators

Mr. Pateek Pradhan  
Mail id:- pradhanpateek7@gmail.com  
Phone number:-6372769608

Ms. Smrutipragnya Padhi  
Mail id:- padhismrutipragnya@gmail.com  
Phone number:-8847836327

Mr. Soubhagya Ranjan Sahoo  
Mail id:- soubhagyasahoo898@gmail.com  
Phone number:-7978662397

Ms. Gayatri Moharana  
Mail id:- ktanayagm@gmail.com  
Phone number:-8249454172

