

One Week FDP on Recent Trends in Electrical and Electronics & Communication Technology

17th - 21st March, 2025 (Hybrid Mode)

JOINTLY ORGANIZED BY
Department of Electrical Engineering,
Tripura University (A Central University), Agartala
AND
Department of Electronics and Communication Engineering,
Tripura University (A Central University), Agartala

HOW TO APPLY ?

To apply for the FDP please follow the steps as mentioned below:

1. Fill the Google Form through the link.
<https://forms.gle/y3m7wbVSC1uhWrHAA>

VENUE

Academic Building 9
Tripura University (A Central University),
Agartala, Tripura, 799022

IMPORTANT DATES

- Last date of filled Application Form: 14th March, 2025
- List of selected Candidates Conformation: 15th March, 2025

NB: Only PG, Ph.D students and Faculty can apply. No. of seats are limited and will be selected in First Come First Serve Basis.

For more Details, contact: www.tripurauniv.ac.in

Introduction: The field of Electrical, Electronics, and communication Technology is evolving rapidly, driven by advancements in AI, IoT, Renewable Energy integration, and different kind of communication systems. These advancements in Electrical and Electronics & Communication Technology are reshaping industries and innovation. Keeping up this trend is crucial for educators and researchers to enhance their teaching methodologies, aligning with industrial demand and contribute to the research. Therefore, this workshop provides a platform to explore emerging trends in power systems, power electronics, IoT, wireless communication, AI-driven electronics, and more from industry and academic experts.

Objective to be covered: The primary objective of this workshop is to provide participants with an in-depth understanding of the latest advancements in Electrical and Electronics & Communication Technology. It aims to:

- Educate attendees on emerging trends and innovations in the field.
- Enhance practical knowledge through expert interactions.
- Foster collaboration between academia, industry professionals, and researchers.
- Equip participants with the skills required to adapt to technological transformations.
- Encourage research and development in key areas such as Power Electronics, IoT, AI, 5G, Smart Grids, Renewable Energy, VLSI, Nonlinear Optics.

Topic to be covered:

- Advance Power Electronics and Smart Grid with Renewable Sources
- IoT, AI & Machine Learning in Electrical and Communication Systems
- 5G Communication and Beyond
- Nonlinear optical communication
- Recent trends in VLSI & Semiconductor Technology
- Networking & Data Communication
- Inverter Technology and Energy Conversion Technology

Recent Trends in Electrical and Electronics & Communication Technology

Organizing Committee:

PATRON:

Prof. Ganga Prasad Prasain,
Hon'ble Vice-Chancellor, Tripura University

HONORARY CHAIR:

Prof. Debajyoti Bhattacharjee,
Dean, Faculty of Science, Tripura University

TECHNICAL ADVISOR:

- Prof. Swanirbhar Majumder,
Department of IT, Tripura University
- Dr. Mrinal Kanti Bhowmik,
Department of CSE, Tripura University

JOINT CO-ORDINATOR:

- Dr. Champa Nandi, Assistant Professor & HOD (I/C)
Department of EE, Tripura University
- Dr. Bishanka Brata Bhowmik, Assistant Professor
Department of ECE, Tripura University

ON-LINE MANAGEMENT:

- Mrs. Monti Chakraborty, Technical Assistant, Dept of ECE, T.U.
- Mr. Nitish Sinha, Research Scholar, Dept of ECE, T.U.
- Mr. Srikanta Das, Research Scholar, Dept of ECE, T.U.
- Ms. Uttara Das, Research Scholar, Dept of EE, T.U.

MEMBERS:

- Dr. Anirban Karmakar, Assistant Professor, Dept of ECE, T.U.
- Mrs. Sangita Das Biswas, Assistant Professor, Dept. of EE, T.U.
- Dr. Gagari Deb, Assistant Professor (Contractual), Dept. of EE, T.U.
- Dr. Jayanta Pal, Assistant Professor, Dept. of IT, T.U.
- Dr. Alak Roy, Assistant Professor, Dept. of IT, T.U.
- Dr. Swarup Nandi, Assistant Professor (Contractual), Dept. of IT, T.U.
- Sri. Sumanta Saha, Assistant Professor (Contractual), Dept. of IT, T.U.
- Dr. Abhishek Majumder, Assistant Professor, Dept. of CSE, T.U.
- Dr. Somen Debnath, Associate Professor, Dept. of CSE, T.U.

Student Application Form

Name of the Applicant:

Date of Birth:

Programme (M.Tech or ME/Ph.D):

Department:

Institute/College/University:

ID Card Number:

Signature of the Student

Signature and Seal

(Head/Supervisor)

Date:

Place:

NB: Faculty participants must upload their identity card or upload a No-objection letter from the appropriate authority in registration form.

One Week Faculty Development Workshop
on
**Recent Trends
in
Electrical
and
Electronics & Communication Technology**

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Dept. of Electrical Engineering, and
Dept. of Electronics & Communication Engineering,
Tripura University (A Central University), Agartala, India.