

ABOUT THE INSTITUTION

Established in 1965 as Tripura Engineering College. Later, the Government of India converted the Tripura Engineering College to National Institute of Technology Agartala on 1st April 2006. NIT Agartala is an Institute of National Importance was instituted by Government of India with the mission to herald excellence in technical education and research in the North-East region. NIT Agartala offers undergraduate, postgraduate, and doctoral programs in various fields of engineering, science, humanities, and management. The institute is renowned for its academic excellence, research initiatives, and industry collaborations. NIT Agartala boasts state-of-the-art infrastructure, well-equipped laboratories, and a conducive learning environment.

VISION

Institute is committed to develop highly competent young Engineers, Scientists, and Management Professionals to cater to the ever-increasing techno-managerial needs of national and international standards fulfilling professional ethics and societal commitment.

MISSION

To produce techno-managerial human resource in line with global need offering state-of-the-art facility, research and training in engineering and allied disciplines.



CHIEF PATRON

Prof. S. K. Patra
Director

National Institute of Technology Agartala

PATRON

Assoc. Prof. R.N. Ray
Head, Department of Electrical Engineering
National Institute of Technology Agartala

COORDINATOR

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National Institute of Technology Agartala

CO-COORDINATOR(S)

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IMPORTANT DATES

- Last date of receipt of application:
05 March 2024
- Notification about selection : by email



One Week Karyashala (High-End Workshop) (13th March to 19th March 2024)

on

“Blockchain Technology Applications
in Electrical Energy System”



Sponsored by
Science and Engineering Research Board
Under Accelerate Vigyan Scheme
(A Government of India Initiative)

at

Department of Electrical Engineering
National Institute of Technology, Agartala,
Tripura - 799046

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page=a&ItemID=oi&nDeptID=caasc](https://www.nita.ac.in/Department/Deptindex.aspx?page=a&ItemID=oi&nDeptID=caasc)

ABOUT ELECTRICAL ENGINEERING DEPARTMENT

The Department of Electrical Engineering is established in 1965 under the aegis of Tripura Engineering College (TEC), a state engineering college of Tripura, which is upgraded as National Institute of Technology on 1st April 2006. The department offers a four years B.Tech program in "Electrical Engineering". The department offers 2 years M.Tech programs in four specializations namely Power System Engineering, Power Electronics & Drives, Instrumentation Engineering, and Integrated Energy Systems.

The department is actively involved in high quality research and also running Ph.D. programs in especially in Instrumentation, Power System, Power Electronics & Drives, Renewable Energy, Smart Grids, Electric Vehicles etc. The research interests of the faculty members include a wide range of sub-disciplines of Electrical Engineering. The research activity of the department includes fundamental research, sponsored and consultancy projects, and is carried out with the active participation of the students, faculty, and research staff.

SPEAKERS

The speakers for this workshop will be from IITs, NITs, IIITs and industries.

TARGET PARTICIPANTS

The proposed workshop is designed and intended for Ph.D, PG research scholars, and 4th year U.G. students working/studying in the area of Electrical, Electronics, Communication and Computer Science Engineering.

OBJECTIVES OF THE PROGRAM

The primary objectives of the workshop are to enable the participants to:

- Understand the theory and concepts of Blockchain Technology.
- Understand the platform and simulation tools to implement blockchain technology.
- Identify the applications of blockchain technology in various areas of research in electrical energy systems.
- Realization of electricity market under Peer-to-Peer energy trading.
- Operation and control of electrical energy systems
- Learn from the emerging challenges and operating experience of utilities in implementing Blockchain Technology.
- Realize the need for further research and development in this rapidly growing area of Electrical Energy Systems

HOW TO REACH NIT AGARTALA

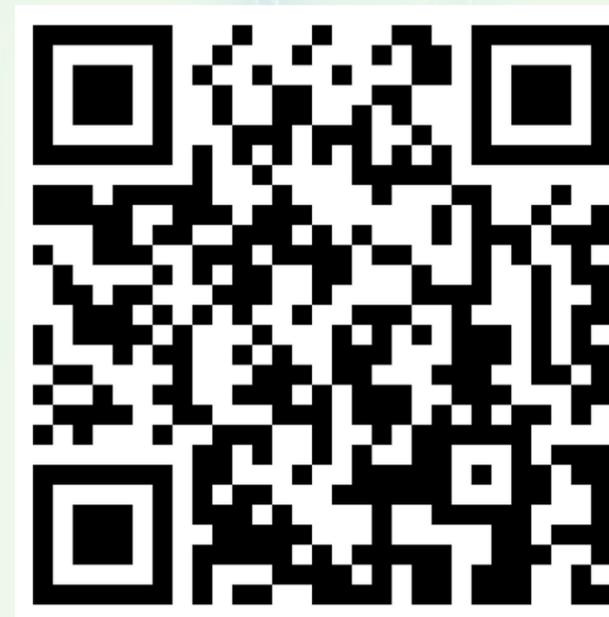
The Institute is 4 km away from Jirania on Assam-Agartala Highway (NH-44) and about 20 km away from Agartala city. Agartala is well connected by Rail Road and Air. Pre-Paid Taxi and auto services are available from Agartala Airport to the Institute.

REGISTRATION FEE & OTHER FACILITIES

- Workshop will be conducted in Physical Mode.
- Workshop registration fee is NIL.
- T.A./D.A. will be provided to the participants, as per the SERB norms.
- Food and accommodation will be provided to all the participants free of cost.
- The registrations are limited to 25 participants.

Please fill up the registration form:

<https://forms.gle/qZtKaCmJkkbh4vH87>



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