

Who can attend this programme

- Faculty members, research scholars and PG students from any AICTE approved Engineering Colleges/Universities.
- Faculty members from any AICTE/DTE approved Polytechnic Colleges.

Registration Process

- There is **no registration fee**.
- The participants have to register through the given link on or before **22nd May 2021**.

Registration link: <https://bit.ly/3axFCRS>

Or

Scan the QR Code.



Contact Persons

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Five Days Online Faculty Development Programme

On

SMART PRACTICES TOWARDS TOMORROW'S ELECTRIC POWER PARADIGM

25th – 29th May 2021

Organized by

**Department of Electrical Engineering,
Gargi Memorial Institute of Technology,
Baruipur, Kolkata**

&

Technically Sponsored by

IEEE PES, Kolkata Section



About The Institute

Gargi Memorial Institute of Technology (GMIT), an engineering institute in West Bengal was started in 2011 in memory of Lt. Gargi Mukherjee (Banerjee).

Barely in its 5th year, GMIT has been ranked 8th amongst all emerging engineering colleges in India because of its educational excellence and professional infrastructural facilities.

At GMIT, we always believe that an educational institution is well known by its faculty. That's why we have chosen the best faculties for each of our departments, including former professors of IITs, foreign Universities, Jadavpur University etc. GMIT currently offers courses in five disciplines namely Civil Engineering (CE), Computer Science and Engineering (CSE), Electrical Engineering (EE), Mechanical Engineering (ME) and Electronics and Communication Engineering (ECE). GMIT is approved by All India Council of Technical Education (AICTE) and affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT), previously known as West Bengal University of Technology (WBUT).

About The Department

The main objective of electrical engineering department is to nurture and groom the students using various pedagogy so as to have updated in depth knowledge of the latest development in the field of electrical engineering.

Seminars/Webinars are conducted regularly to upgrade and update the key result areas by inviting experts in the field. Industry exposure is also provided by way of placing students in relevant factories during curriculum.

Vision:

To impart effective and quality technical education along with ethical and professional standards, which will, in turn, contribute to the growth of technical education and ultimately serve the society by developing technically skilled engineers for the industries and good teachers for the academia.

Mission:

- Maintain quality education and establish the Institute as an effective technical institution under all challenging conditions.
- Contributing to the growth of technical education and upholding the ethical and professional standards.
- Serving the society and lead for its enrichment and advancement. Developing technically skilled engineers for serving in the industrial and academic sector of the nation along with motivation to pursue higher studies for a prosperous career.
- Improve the effectiveness & impact of quality teaching at every step to achieve our vision.

Course Objectives

This Faculty Development Programme (FDP) is designed to enhance the knowledge of the participants about the recent advancements in the field of energy sector. As we know that the energy sector is under a significant paradigm shift because of limited fossil fuel resources and its adverse environmental impacts. So to protect our globe, we, as a smart and responsible people, have to follow the smarter and innovative way to generate, transmit and utilize the electrical energy. Shifting from conventional way to renewable/hybrid techniques for electricity generations, distributed generation, smart grid, smart lighting systems, electric vehicles, energy efficient buildings etc. are some examples of the recent technologies that may play the key role towards tomorrow's power paradigm shift. This programme will offer a platform to the academicians, research scholars and post-graduate students to gain an extensive understanding about these technologies.

Focusing Area

- Scope and Possibilities of Renewable Based Energy System
- Recent Trends in Solar Technology
- Power Quality for Smart Grid
- Smart Grid Technology
- Smart Lighting Technology
- Humancentric Lighting
- Vehicle Congestion in Distributed System
- Smart Charging Scenario
- Distributed Generation Technology and Benefits
- Distributed Energy Resources

Resource Persons

- **Prof. Chandan Kumar Chanda**, Electrical Engineering Department, IEST, Shibpur
- **Prof. Ratan Mandal**, Dept. of Energy Studies, Jadavpur University
- **Prof. Jitendra Nath Bera**, Electrical Engineering Department, Applied Phy., Calcutta University
- **Prof. Ankush Bag**, School of Computing and Electrical Engineering, IIT, Mandi
- **Prof. Biswanath Roy**, Electrical Engineering Department, Jadavpur University
- **Prof. Suddhasatwa Chakraborty**, Electrical Engineering Department, Jadavpur University
- **Prof. Arup Kumar Goswami**, Electrical Engineering Department, NIT, Silchar
- **Prof. Sukanta Das**, Electrical Engineering Department, IIT, Dhanbad
- **Prof. Vivekananda Mukherjee**, Electrical Engineering Department, IIT, Dhanbad
- **Prof. Aniruddha Bhattacharya**, Electrical Engineering Department, NIT, Durgapur

