



**Weeklong Online
Faculty Development Program**
(Eligible for Career Advancement under UGC regulation 2019)

Emerging Areas in Electrical Engineering

Target Group:

Faculty Members
and Research Scholars

Topics to be Discussed

- Power System Deregulation/ Power Trading : Electricity as a commodity and the Indian Context
- Soft Computing Techniques and Electrical Power Systems/ A review of modern soft computing techniques and its application in the solution of Economic Load Dispatch Problem
- Power Electronics/ Role of DC DC converters in Maximum Power Point Tracking of PV systems
- Hybrid Renewable Energy/ Control and Optimization of Hybrid RES
- Control System/Welcome to the world of chaos!
- Application of Chaos in modern Engineering
- Power Quality Improvement in solar PV array and Battery Energy Storage based Micro grids
- Z- source Inverter: Topology, advancement and applications
- Capacitive Sensor for online health monitoring of electrical apparatus
- Recent trends & advances in micro electro mechanical systems

Program Date:
05-09 July 2021

No NOC Required

Platform:
Google Classroom, Google Meet

[APPLY HERE](#)

Organized By

Teaching Learning Centre

Tezpur University

A Centre of Excellence in Curriculum and Pedagogy
Established in 2016 under PMMMNMTT Scheme,
Ministry of Education, Govt. of India

In Association with

Dept. of Electrical Engineering
Tezpur University



Ministry of
Education

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Mission on Teachers and Teaching

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