

About NIT Mizoram

NIT Mizoram was started in the year 2010 in the state of Mizoram with an objective to impart education, research & training leading to B.Tech, M.Tech & Ph.D. degrees. This institute has been declared as an Institute of National Importance by an Act of Parliament. The Institute has five departments viz. Depts. of Computer Sc. & Engg., Civil Engg., Electronics & Comm. Engg., Electrical & Electronics Engg. and Mechanical Engg. It also has a department of Basic Sciences & Humanities. The Institute presently has six academic blocks, one central library and one administrative block. It also has four boys' hostels and a girls' hostel. The Institute, to cope with the present competitive needs, comprises of laboratories with the latest equipment and installed with best & latest software.

About the Department

The Department of Electrical and Electronics Engineering presently offers B.Tech, M.Tech and Ph.D degrees. The department curricula follows the AICTE guidelines having compulsory and elective courses blended together in a fashion to provide both fundamental knowledge and practical industry-oriented engineering concepts. The department is equipped with full-fledged hardware and simulation laboratories and smart classrooms. A microwave research laboratory is in existence to facilitate research works of Ph.D students. The faculty and staff members are involved in research in good govt. sponsored projects and have publications in various reputed journals.

Course Outline

- Introduction
- Recent development in microgrid
- Design of microgrid system
- Different types of Converter design
- Uses of renewable energy sources
- Effects on recent power system network
- Role of energy storage system

Certificates will be provided subject to attending all the sessions and clearing the MCQ based test.

Patron

Prof. Saibal Chatterjee
Director (TC), NIT Mizoram

Course Coordinator

Dr. Ramesh Kumar
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Organizing Committee

Dr. Pabitra Kr. Biswas, Asst. Prof & HoD, NIT Mizoram
Prof. Saibal Chatterjee, Prof. & Dean(Acad), NIT Mizoram
Dr. Suman Mazumder, Asst. Prof, NIT Mizoram
Dr. Krishnarti De, Asst. Prof, NIT Mizoram
Mr. Anagha Bhattacharya, Asst. Prof, NIT Mizoram
Dr. Sukanta Debnath, Asst. Prof, NIT Mizoram
Dr. Upama Das, Asst. Prof, NIT Mizoram

Targeted Participants

Faculty members of Govt./AICTE approved institutes
PG/Ph.D. Research scholars, Industrial personnel
Lab/project/technical staffs

How to Register

- Website link for course registration:
<https://www.aicte-india.org/atal>
- Click on signup for creating a login and register yourself.
- Once registered click on the General details and fill up your details.
- The number of participants is limited to 200 and the selection is based on first come -first served basis.
- No Registration fee.
- The FDP will be conducted online.



Dept. of Electrical & Electronics Engineering of NIT Mizoram

Organizing

One-Week FDP on Design and Recent Development in Renewable Energy Based Microgrid System



25th to 29th October, 2021

Under
**AICTE Training and Learning (ATAL)
Academy Faculty Development
Programme**