

About the Institute

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 well equipped with full-fledged hardware and simulation laboratories and smart classrooms. A 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.

PATRON

Prof. Rajat Gupta, Director, NIT Mizoram

Course Coordinator

Dr. Pabitra Kumar Biswas

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Organizing Committee

Dr. P.K. Biswas, Assistant Professor, NIT Mizoram

Mr. S. Majumder, Assistant Professor, NIT Mizoram

Prof. S. Chatterjee, Prof. and Dean Academic, NIT Mizoram

Mr. A. Bhattacharya, HoD and Assistant Prof., NIT Mizoram

Mrs. K. De, Assistant Professor, NIT Mizoram

Mr. R. Kumar, Assistant Professor, NIT Mizoram

Mr. S. Debnath, Assistant Professor (ad hoc), NIT Mizoram

Mrs. U. Das, Assistant Professor (ad hoc), NIT Mizoram

Targeted Participants

- Faculty Members of technical/science institutes
- Scientists
- Research Scholars of technical/science institutes
- Lab Technicians and Project Staff
- Industry Personnel.

Course Outline

- Introduction
- Power Electronics Converters
- DC Drives and AC Drives
- STATCOM
- FACTS
- Applications in Power System

Theoretical Assessment will be MCQ based questionnaire and Grade Sheets will be provided accordingly. Certificates will be provided subject to attending all the sessions and clearing the MCQ based test.

How to Register

•Main site link is follows:

<https://www.aicte-india.org/atal>

•Then click on signup for creating a login and register yourself.

Once registered click on the General details and fill up your details.

•Then click on the workshops tab on the left side of the page. A huge list of workshops will be listed here, among all of them.

Select----> State----> Mizoram; Select----> month---

>December; select---> thrust area—Engineering

•Then select Application No: 1582904578 click on + to apply

•The number of participants is limited to 250 and the selection is based on first come - first served basis.

•No Registration fee

•The FDP will be conducted online through Google meet or other similar platform.



Dept. of Electrical & Electronics Engineering of NIT Mizoram

Organizing

One-Week FDP on

Power Electronics application in Machine Drives and Power system



From

December 1 to December 5, 2020

Under

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