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 & PhD. 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. Saibal Chatterjee, Director (TC), NIT Mizoram

Course Coordinator

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Organizing Committee

Dr. P.K. Biswas, Assistant Professor, NIT Mizoram
Prof. S. Chatterjee, Prof. and Dean Academic, NIT Mizoram
Dr. K. De, HoD and Assistant Professor, NIT Mizoram
Dr. S. Majumder, Assistant Professor, NIT Mizoram
Mr. A. Bhattyacharya, Assistant Prof., NIT Mizoram
Dr. R. Kumar, Assistant Professor, NIT Mizoram
Dr. S. Debnath, Assistant Professor, NIT Mizoram
Dr. U. Das, Assistant Professor, 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
- Classification of Magnetic Levitation system
- Different components of Magnetic Levitation system
- Advanced Power Converters for MagLev train
- Modern Control strategies of Magnetic Levitation System
- Design method of MagLev
- Application of Magnetic Levitation 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.
Application number-1614263265, Workshop id-2161
•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 through Google meet or other similar platform.

Dept. of Electrical & Electronics Engineering of NIT Mizoram

Organizing

One-Week FDP on Magnetic Levitation System

From
February 7 to February 11, 2022

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