

PROGRAM OBJECTIVE

The 5-day workshop on “POWER SYSTEM INSTRUMENTATION” is planned to be held during 14th - 18st February, 2021. Knowledgeable experts and specialists from premiere Institutes and Industries have been invited to deliver their expert opinions and lectures on various topics listed below. This course will be of great benefit for individuals engaged in power systems engineering, including Ph.D. scholars, industry personals, PG students, and final year UG students for research, projects, and to work on industry relevant power system problems. The course is aimed to offer a ground work for future research in the field of power systems.

TOPICS COVERED

- **Present and Future Power Generation: Options in Indian Context.**
- **Studies on Smart Meters, Prepaid Meters with refer to Indian Power Systems.**
- **Introduction and functionality of present day numerical relay.**
- **Partial discharge and its detection in High Voltage Equipment**
- **Over-current relay co-ordination in protective relaying.**
- **Wide area power control system**
- **Control and Instrumentation in Power System**
- **Principal of Solar Energy Generation**
- **Design of Solar System and brief solar policy in Nagaland**
- **Wind to energy conversion technique for different wind turbines**

ELIGIBILITY

- ❖ Faculty & (Educational Institutions)
- ❖ Student & Research Scholars
- ❖ Industry Persons

NO REGISTRATION FEE

IMPORTANT DATES

Registration Deadline: 12th February 2021



PATRON

Dr. S. Venugopal
Director, NIT Nagaland

CONVENER

Dr. Dipu Sarkar
Assistant Professor & Head
Department of EEE

CORDINATORS

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ORGANIZING COMMITTEE

Dr. Dushmanta Kumar Das
Dr. D. Ganga
Dr. B. Shakila

STUDENT ORGANIZING COMMITTEE

Ms. Pushpanjalee Konwar
Ms. Monalisa Dutta
Mr. Yanrenthung Odyuo

REGISTRATION FORM

Name:
Designation:
Qualification:
Organization:
Address for Correspondence
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Tel. (O).....
(M).....
E-mail:

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is one of the major departments of NIT Nagaland. The department is offering four years B. Tech. and two years M. Tech (Power systems engineering) and Ph.D programmes. The department is facilitated with laboratories like Electrical Machines and Drives Laboratory, Power systems Laboratory, Data Acquisition Laboratory, Advanced Control Systems Laboratory, Power Electronics Laboratory, Embedded and Interfacing Laboratory, Measurement and Instrumentation Laboratory, Microprocessor and Microcontroller Laboratory etc.

ABOUT THE INSTITUTE

National Institute of Technology Nagaland, a premier institute of higher learning, is one of the thirty-one institutes established by the Ministry of Human Resource Development (MHRD), Government of India. The basic aim of the Institute is to provide quality technical education, conduct original research of high standards and provide leadership in technological innovations for industrial growth and primarily for enhancing the scope of technical education in the state of Nagaland. The Institute offers under graduate and post graduate programmes in various branches of engineering like Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Civil Engineering and Electronics and Instrumentation. The Research activities are focused in the thrust areas of Control Systems, Power Systems, RF Communication, Mobile Communication, Smart Grid, 5G Communication, Speech Processing, Nano-Devices, Big Data Analytics and Internet of Things.

The filled registration form should be sent to mail id:
nitnworkshop@rediffmail.com on or before
Registration deadline (12/02/21)

Date: _____
Place: _____
Signature of the
Applicant

NATIONAL LEVEL WORKSHOP

On

“POWER SYSTEM INSTRUMENTATION”

Sponsored by

TEQIP-III

February 14-18, 2021



Organized by

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
NAGALAND
CHUMUKEDIMA – 797103**