

## PROGRAM OBJECTIVE

The workshop on “Hands on Training using CYME Software for Power System Simulation” is planned to be held during 17<sup>th</sup> - 21<sup>st</sup> February, 2020. Knowledgeable specialists from premiere institutes and Industry are invited to deliver the lecture. This course is an outstanding occasion for PG, Ph.D scholars, industry personals and final year UG students for research, final year 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

(All the Theoretical lectures are supported by laboratories using the platform of CYME)

- Load flow analysis
- Distribution load flow
- Short circuit analysis
- Optimal power flow
- Contingency analysis
- Voltage stability analysis
- Grid integrated renewable energy
- Power system protection

## ELIGIBILITY

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

## REGISTRATION FEES

Faculties: INR 1,000/-  
Research Scholars: INR 5,00/-  
Industry Person: INR 2,000/-

(No registration for internal participants)

## THE DD SHOULD BE SENT TO (ONLY BY SPEED POST)

Dr. Dipu Sarkar

Department of Electrical and Electronics Engineering, NIT Nagaland  
Chumukedima - 797103, Nagaland

## IMPORTANT DATES

Registration Deadline: 16<sup>th</sup> February 2020  
(DD in original should reach by 16<sup>th</sup> February 2020)

## HOW TO REACH

The campus is well-connected with all means of transportation. Dimapur Airport is 12.6 kms from the Institute and the distance of Dimpaur railway Station is about 17.6 kms.



## PATRON

Dr. S. Venugopal  
Director, NIT Nagaland

## CONVENER

**Dr. Dushmanta Kumar Das**  
Assistant Professor & Head

Department of EEE

## Dr. D. Ganga

Assistant Professor  
Department of EEE

## CORDINATORS

### Dr. Dipu Sarkar

Assistant Professor

Department of EEE

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### Mr. Swaraj Banerjee

Assistant Professor

Department of EEE

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## ORGANIZING COMMITTEE

Dr. B. Shakila

Dr. M. Prakash

Mr. Ankur Rai

## REGISTRATION FORM

Name: .....  
Designation: .....  
Qualification: .....  
Organization: .....  
Address for Correspondence  
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Tel. (O).....  
(M).....  
E-mail: .....  
DD Particulars:  
Amount: .....  
No.....  
Date.....  
Bank.....

[Demand Draft (DD) should be in favour of  
**“Director, NIT Nagaland”**, payable at SBI  
Chumukedima, Nagaland]

The filled registration form with scanned DD  
should be sent to mail id:  
[dipusarkar79@nitnagaland.ac.in](mailto:dipusarkar79@nitnagaland.ac.in) on or before  
Registration deadline.

Date: \_\_\_\_\_ Signature of the  
Place: \_\_\_\_\_ Applicant

The Department of Electrical and Electronics Engineering is one of the major departments of NIT Nagaland. This department is offering four years B. Tech. and two years M. Tech (Power systems engineering) 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.

# NATIONAL LEVEL WORKSHOP On “POWER SYSTEM SIMULATION WITH CYME”

*Sponsored by*

**TEQIP-III  
MARCH 11-15, 2020**

**In collaboration  
With  
Trident Lechlab**



*Organized by*



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