

ABOUT THE INSTITUTE



National Institute of Technology, Raipur (Formerly Known as GCET, Raipur) is an institute of national importance established in 1965. It is one of the premier institute in the field of science and technology in Central India. It situated in the centre of Raipur, capital of a newly incepted state of Chhattisgarh. NIT Raipur well connected to all parts of the country by rail and air. The institute is about 5 km from Raipur railway station and 25 km from Raipur airport.

ABOUT THE DEPARTMENT

The Department of Electrical Engineering came into existence in 1958. Department of Electrical Engineering aims at imparting the state of the art knowledge and skills to the students in the field of electrical engineering and to mould them to become successful intellectuals of the society. The department provides an outstanding research environment and offers academic program leading to the award of B.Tech, M.Tech. and Ph.D. degree.

OBJECTIVES

The objective of this STTP is to train the faculty members, research scholars, and students of various organizations in the field of modelling and simulation. The objective of the programme is also to provide a platform for interaction and exchange of ideas on recent trends, development and future advancement in the field

COURSE DESCRIPTION

The STTP is proposed to give a thorough exposure on the recent trends and hands on training on the state of the art simulation tools in electrical engineering. In addition to simulation, stress will also be laid the techniques for modelling and analysis of electrical circuits and systems. Techniques for analysing systems in both time and frequency domain would be discussed. Established concepts and theory related to control systems, power electronics, power systems, electrical machines and network analysis would be validated through programming. The proposed STTP will give exposure to the participants about the latest advances, associated problems and measures to overcome them.

COURSE CONTENTS

- Review of modelling techniques in electrical engineering.
- Analysis of systems in time and frequency domain
- Computer aided circuit and network analysis.
- Basic and advanced programming in MATLAB.
- Implementation of power electronic converters.
- Computer aided control system design.
- Familiarization with open source tools like Scilab and SPICE..
- Hands on training on implementation of digital controllers
- Tutorial session and Laboratory Exercise

IMPORTANT DATES

Last date for applying: 12/09/2016

Last Date of Registration : 12/09/2016

CONTACT

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REGISTRATION FORM

Short Term Training Programme

on

Recent Trends in Modeling and Simulation in Electrical Engineering

September 12-18 2016

Organized by
Department of Electrical Engineering,
National Institute of Technology,
Raipur – 492010, Chhattisgarh

Full Name (Block Letter):

Name of College/Institution/Organization

Qualification:

Designation:

Address:

Pincode:

Phone No.:

Mobile No.:

E-mail:

I have enclosed the registration fee of Rs. D.D. No.

Dated in favour of
“Director, NIT, Raipur”

Place:

Date :

Signature of the participant

Patron

Prof. Sudarshan Tiwari

Director, NIT Raipur

Chairman

Dr. Shubhasish Sanyal

Dean (R&C), NIT Raipur

Convenor

Dr. (Mrs.) S. Gupta

Professor, Electrical Engineering, NIT Raipur

Course Coordinators

Dr. Subhojit Ghosh

&

Dr. Lalit Kumar

Electrical Engineering, NIT Raipur

Registration Fee

UG/PG Students

Rs. 1000/-

Research Scholar

Rs. 2000/-

Academician

Rs. 3000/-

HOW TO APPLY

Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of “Director, NIT Raipur” payable at SBI, GCET Branch, Raipur must reach the coordinator on or before 12/09/2016. Since the number of seats is limited to 30, the selection will be made on first cum first serve basis. Certificates will be issued to the participants only after attending the complete course.

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Course Coordinators

Dr. Subhojit Ghosh

&

Dr. Lalit Kumar

Electrical Engineering

National Institute of Technology Raipur



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