

ORGANIZING COMMITTEE

Chief Patron

Dr. S.R.K. Prasad
Correspondent
CIT Institutions
Coimbatore - 641 014.

Patron

Dr. R. Prabhakar
Professor Emeritus & Secretary
CIT Institutions
Coimbatore - 641 014.

President

Dr. V. Selladurai
Principal
CIT Institutions
Coimbatore - 641 014.

Chair Person

Dr. S. Vasantharathna
Professor & Head
Department of EEE
Coimbatore Institute of Technology
Coimbatore - 641 014.

Coordinator

Dr. A. Kavithamani
Assistant Professor
Department of EEE
Coimbatore Institute of Technology
Coimbatore - 641 014.

Co-Coordiators

Mrs. A. Priyadarshini
Assistant Professor
Department of EEE
Coimbatore Institute of Technology
Coimbatore - 641 014.

Mrs. M. Radha
Assistant Professor
Department of EEE
Coimbatore Institute of Technology
Coimbatore - 641 014.

HOW TO APPLY

The interested faculty can send the registration form (in the prescribed format) along with a Demand Draft (refundable at the end of the course) of **Rs. 250/-** in favour of “**QIP-MSNLES**”, payable at **Coimbatore** to the organizing committee on or before 21st January 2016.

Number of Participants for the course is limited to 30 members. Registration would be confirmed on a first-come-first-serve basis.

TRAVEL ALLOWANCE

The selected outstation participants from academic institutions are eligible for 3-Tier AC train fare by the shortest route with proper proof.

BOARDING AND LODGING

Free Boarding and lodging facilities will be provided for the participants from AICTE approved institutions on twin sharing basis in the College Hostel/Guest house. No family accommodation will be provided.

IMPORTANT DATES

Application submission : 21st January 2016
Intimation of selection : 4th February 2016

Address for Registration and Correspondence :

Dr. A. Kavithamani

Coordinator – MSNLES

Assistant Professor, Department of EEE

Coimbatore Institute of Technology

Coimbatore - 641 014, Tamil Nadu

E-mail : msnles2016@gmail.com

Mobile : 90424 89301, 98420 10548, 99522 24194



AICTE
Sponsored

Quality Improvement Programme
One Week Short Term Course
on

MODELING AND SIMULATION OF NON-LINEAR ELECTRICAL SYSTEMS

15th to 21st February 2016

Organized by

**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING**
COIMBATORE INSTITUTE OF TECHNOLOGY
(Government Aided Autonomous Institution)

COIMBATORE – 641 014

Phone: (0422) 2574071 & 2574072

Fax : (0422) 2573187

E-mail : msnles2016@gmail.com

Webpage : www.cit.edu.in

ABOUT THE INSTITUTION

Coimbatore Institute of Technology was founded in the year 1956 by V. Rangaswamy Naidu Educational Trust (VRET) with the noble aim of disseminating knowledge in the fields of science, engineering and technology to the student community. CIT is one of the most reputed and prestigious educational institutions in South India. The Institute backed by World Class research and development attained autonomous status in 1987 and is accredited by the National Board of Accreditation (NBA). CIT offers Under Graduate, Post Graduate and Ph.D. Programmes with a global standard curriculum promoting the students to compete internationally. The Institute has collaborated with leading frontier Universities and Industries in India and abroad for the promotion of innovative research and development. CIT has been awarded with the "Bizz-2012" the world business leader award and also honoured with the Outstanding Engineering Institute (SOUTH) for seventh consecutive time awarded by ABP NEWS National Education Awards.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is one of the earliest departments in CIT which offers Under Graduate, Post Graduate and Ph.D. Programmes. The Department has a team of well experienced faculty members having vast experiences in various engineering fields with specialization in the areas like Control systems, Embedded systems, Robotics, Power Electronics, Power Quality, Energy

Engineering, Power Systems and Wireless Communications.

OBJECTIVES OF THE COURSE

To identify and recognize recent accomplishments in modeling and simulation of non-linear systems research. To highlight new research directions for analyzing non-linear systems. To handle the design gap existing between the complex physical system under investigation and the model used in control system synthesis effectively while accomplishing necessary tradeoffs in complexity, performance, and cost in order to meet the design specifications.

COURSE CONTENT

- Non-linear Dynamics
- Modeling for dynamical systems
- Optimal Control using Neural Networks
- Genetic Programming and Simulink Approaches
- Model Based Control
- System Identification
- Modeling and Control
- Model Predictive Control
- State and Parameter Estimation
- Robust Control

RESOURCE PERSONS

The resource persons include subject experts from CIT, IIT, NIT, AU, PEC and other reputed Institutions / Organizations.

REGISTRATION FORM

AICTE Sponsored One Week Short Term Course on

MODELING AND SIMULATION OF NON-LINEAR ELECTRICAL SYSTEMS

15th to 21st February 2016

Name :
D. O. B. :
Gender : Male Female
Qualification :
Designation :
Organization :
Years of experience :
Mobile :
E-mail id :
Accommodation required : Yes No
Demand Draft No.....dated
Amount in Rs. 250/- drawn at
Place :
Date :

Signature of the Applicant

SPONSORSHIP CERTIFICATE

This is to certify thatof
..... department is a faculty of our institution and he / she is permitted to attend AICTE-QIP sponsored one week Short Term Course on Modeling and Simulation of Non-Linear Electrical Systems organized by Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore from 15th to 21st February 2016.

Place :
Date :
Signature of Head of the Institution
(with seal)