

REGISTRATION FORM

All India Workshops

On

**Modeling & Simulation of Power
Converters for Various
Applications Using MATLAB**

(20.08.2016)

(To be filled in Block Letters)

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Institute :

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Name of the Bank:

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Signature & seal
(Head of the Institution)

Signature of the
Applicant

STEERING COMMITTEE

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Convener : **Dr.R.Nagarajan**
Professor, Department of EEE
Dr.M.Valan Rajkumar
Professor, Department of EEE

Co-ordinators: **Mr.J.Chandramohan**
HOD/EEE
Ms.C.Hemalatha
AP/EEE

ORGANIZING COMMITTEE



IEEE , ISTE Students Chapter and All Faculties
of EEE Department

ADDRESS FOR COMMUNICATION

The Convener
DEPARTMENT OF EEE
GNANAMANI COLLEGE OF TECHNOLOGY
NH-7, A.K. Samuthiram, Pachal(P.O),
Namakkal (DT). Tamilnadu - 637018.
Email : hodeee@gct.org.in
Mobile No: 7867011447, 9865347776

All India Workshops

On

**Modeling & Simulation of Power
Converters for Various Applications
Using MATLAB**

(20th August 2016)



Programme Convener

Dr.R.NAGARAJAN
Dr.M.VALAN RAJKUMAR
Professor, Department of EEE

Organized by



**DEPARTMENT OF ELECTRICAL &
ELECTRONICS ENGINEERING**

**GNANAMANI COLLEGE OF
TECHNOLOGY**

**NH-7, A.K. Samuthiram, Pachal(P.O),
Namakkal (DT). Tamilnadu - 637018**
Website: www.gct.org.in, Email: info@gct.org.in
Ph: 04286-293888, 293999

ABOUT THE COLLEGE

Gnanamani College of Technology (GCT) was established in the year 2006. It is Approved by AICTE and Affiliated to Anna University, Chennai and also Accredited by NAAC. Gnanamani Educational Institutions have carved a niche for itself in the field of Engineering Education within a very short span. Our institutions serve under the aegis of the Christian Education Development Trust. Our institution has a sprawling campus covering 100 acres and is located on Salem to Namakkal (NH-7) main road.

The institution has Hi-Tech Classrooms which are IT enabled, through Wi-Fi Technology. To ensure uninterrupted learning, there are elegant modern laboratories, the internet facility stand out as shining examples of the pursuit for excellence which we strive for. The institute is proud to process eminent and renowned professors supported by the committed faculties.

COURSES OFFERED

UG courses

B.E. Civil Engineering
B.E. Computer Science & Engineering
B.E. Electronics & Communication Engineering
B.E. Electrical & Electronics Engineering
B.E. Mechanical Engineering

PG courses

M.E. Applied Electronics
M.E. VLSI Design
M.E. Embedded System Technologies
M.E. Computer Science & Engineering
M.E. Engineering Design
M.E. Industrial Engineering
M.E. Software Engineering
M.B.A. Master of Business Administration
M.C.A. Master of Computer Application

ABOUT THE DEPARTMENT

Department of Electrical and Electronics Engineering was established in the year 2006. The Department's mission is to facilitate students acquiring theoretical knowledge as well as practical skills needed for meeting the challenges in the field. The Department houses Control System Lab, Electrical Engineering Lab, Electrical Machines Lab, Embedded System Lab, High Voltage Engineering Lab, Microcontroller and Microprocessor Lab, Measurement and Instrumentation Lab, Power Electronics Lab and Power System Simulation Lab. The Department has Anna University Recognized *Research and Development Center named "GNAN Expert" offering Ph.D programme (INST-RECO.No : 4262408).*

All the laboratories are well equipped with excellent infrastructure and state of the art equipment to explore the technological challenges and to impart the research oriented practices in the field of Control System, Electrical Engineering, Embedded Systems, Power Electronics, High Voltage Engineering and Renewable Energy Systems.

OBJECT AND SCOPE OF THE WORKSHOP

The workshop aims to bring together researchers, industrial experts, engineers and students to exchange and share their new ideas and research challenges in the field of Power System and Power Electronics. The workshop enhances the knowledge on MATLAB simulation and real time applications for Power System and Power Electronics.

COURSE CONTENT

- Basics of MATLAB Development Environment
- Control Strategies for Power Electronics Converters & Circuit Analysis
- Mathematical tools and functions in MATLAB for Power Electronics System
- Development of Closed Loop Control System for Electrical Drives and Renewable Energy.

RESOURCE PERSONS

Dr.R.Nagarajan,
Professor/EEE,
Gnanamani College of Technology, Namakkal

Dr.M.Valan Rajkumar,
Professor/EEE,
Gnanamani College of Technology, Namakkal

ELIGIBILITY AND SELECTION

Faculty and students from AICTE approved Engineering colleges, participants from industries and R&D organizations can apply. Number of participants is limited. The selection process will be done on first come first serve basis.

REGISTRATION

UG/PG Students : Rs. 200
Academicians and industrial delegates : Rs. 400

All the participants have to pay the registration fee by Demand Draft drawn in favour of "**Association of Electrical & Electronics, Gnanamani College of Technology**" payable at **Rasipuram**.

SCHEDULED DATES

Last date for receipt of applications : 14/08/2016
Intimation of selection : 16/08/2016
Confirmation by participants : 18/08/2016

