National Workshop
On
Design and Control of Power Electronic Devices & Renewable Energy Sources using Matlab

6th &7th April 2018

REGISTRATION FORM

Name :

Designation :

Institution/

Organisation :

Postal Address :

Telephone :

Email address :

Is accommodation required? Yes [ ] No [ ]

DD Details :

DD No. _____dated _____

Bank _____

(Crossed Demand Draft in favour of "The HOD, EIE Department, B.S.Abdur Rahman Crescent Institute of Science & Technology" payable at Chennai, India)

Declaration:

I hereby declare that the given information are true the best of my knowledge.

Place:

Date: Signature of the participant

IMPORTANT DATES

Last Date for Submission of Registration Form along With D.D : 02/04/18

Selection Intimation : 03/04/18

Confirmation from Participant : 04/04/18

The number of seat is limited and the participant will be chosen on first come first serve basis.

Spot registration possible with prior intimation

Address for Correspondence:

The Co-ordinators,
Department of Electronics and Instrumentation Engineering,
B. S. Abdur Rahman Crescent Institute of Science & Technology,
Vandalur, Chennai – 48.
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B.S. Abdur Rahman Crescent Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956
GST Road, Vandalur, Chennai 600 048

IEEE young professionals

NATIONAL WORKSHOP
On

DESIGN AND CONTROL OF POWER ELECTRONIC DEVICES & RENEWABLE ENERGY SOURCES USING MATLAB

6th &7th April 2018

Convener

Dr.P.K.Jawahar
Dean (Student Affairs) & HOD/EIE

Co-ordinators

Ms.G.Anitha, AP(SG)/EIE
Ms.P.R.Hemavathy, AP(SG)/EIE
Ms.N.Sivaramakrishnan, AP/EIE

Organized by
Department of Electronics and Instrumentation Engineering

School of Electrical and Communication sciences
B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai – 48.

ABOUT THE INSTITUTION

B.S. Abdur Rahman Crescent Institute of Science and Technology (formerly B.S. Abdur Rahman Crescent Engineering College) has been established under section 3 of the UGC Act 1956. Being one of the most sought after institution in India, B.S. Abdur Rahman Crescent Institute of Science and Technology is committed to provide three dimensions of higher education Viz. Quality teaching, Innovative Research and Appropriate Applications of knowledge through Extension, Outreach and Consultancy Activities. The University has 7 schools comprising of 18 departments offering 12 undergraduate and 17 post graduate programmes, besides research programmes in all the department. All eligible programmes are accredited by National Board of Accreditation (NBA). The quality system of the Institute is ISO 9001:2008 certified. It is located in a sprawling green lush area, spanning 50.19 acres adjacent to the Arignar Anna Zoological Park in the GST Road (NH-45), Vandalur, Chennai, Tamil Nadu.

DEPARTMENT PROFILE

The Department of Instrumentation & Control Engineering was started in the year 1995. Since the year 2009 the department was changed to Department of Electronics & Instrumentation Engineering. At present the department of EIE offers B.Tech (Electronics and Instrumentation Engineering) and M.Tech (Electronics and Instrumentation Engineering). UG Programme accredited thrice since 2002 and PG Programme accredited in 2017. The department has excellent infrastructure with sophisticated equipments procured from reputed companies around the world. Qualified and experienced faculty members of the department are an asset to the department. It endeavors to promote interaction with the industry and to take up R&D activities for the betterment of society.

ABOUT THE WORKSHOP

Recently, renewable energy power generation becoming popular worldwide. Renewable energy sources and its grid connections have various challenges. Power electronics is an extremely important element and widely used in renewable energy systems. Basically, it uses high-efficiency switching power semiconductor devices to convert and control electrical power with the help of dc-to-dc, dc-to-ac, ac-to-dc, and ac-to-ac converters that are applied extensively in industrial, commercial, residential, transportation, aerospace, military, and utility systems. The aim of this workshop is to illustrate the role of Power Electronics in the research and development of renewable energy systems using Matlab.

RESOURCE PERSON

Dr.G.Uma, Professor & Head,
Department of Electrical and Electronics Engineering, AnnaUniversity, Chennai

Dr. M.Venkateshkumar, M.E., Ph.D,SMIEEE
Associate Professor, Dept of EEE, AVIT.
Member of R&D - IEEE Smart Cities USA.
Chairman, IEEE Young Professional Affinity Group, Madras Section.
Vice Chairman, IEEE - Power and Energy Society, Chennai.

COURSE CONTENTS

- Introduction to Simpower system
- Modeling of various Power Electronics Devices (Rectifier, Converter, Inverters)
- Design of Controllers for converters and Inverters
- Design of Renewable Energy System and its controllers
- Hands-on training

ELIGIBILITY

Faculty/ Research Scholars/ PG/ UG students from various engineering colleges.

REGISTRATION FEE

Academicians : Rs.1000/-
Research Scholars : Rs.750/-
PG/UG Students : Rs.500/-
Industry Persons : Rs.2000/-