registration form

Name:
Designation:
Department:
Organization:
Postal Address:

Mobile:
E-mail:
Accommodation Required? Yes / No

PAYMENT DETAILS
Amount:
DD/Trans. ID:
Beneficiary Name:
Bank:
Date:

Declaration by Applicant
The above mentioned information is true to the best of my knowledge and belief. I shall attend the Two-day National Workshop for the entire duration.

Signature of the Applicant

Sponsorship Certificate
Certified that Ms. ........................................ is sponsored to attend the Two-day National Workshop.

Signature of the Sponsoring Authority with seal

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Contact Details

Dr. M. Ramesh Babu, M.E., Ph.D.,
Professor
Department of Electrical and Electronics Engineering
St. Joseph’s College of Engineering,
OMR, Chennai - 600119.
Mobile: 9941318858
Email: rameshbabum@stjosephs.ac.in

Two Day Work Shop on Power Management & Stability Solutions of the Microgrids
(6th & 7th September 2019)

Sponsored by
The Council of Scientific & Industrial Research (CSIR)

Organized by
Department of Electrical and Electronics Engineering
St. Joseph's College of Engineering
St. Joseph's Group of Institutions
(Management by MBA, New Delhi)
OMR, Chennai - 600119.
Ph: 044 2450 1060, 1449 Fax: 044 2450 0861
E-Mail: jprstjosephs@stjosephs.ac.in
Website: www.stjosephs.ac.in
ABOUT THE COLLEGE

Our College has gained high reputation in the society over the past two decades through academic excellence testified by the number of university ranks secured by the students year after year. Since its inception our college has bagged 1348 university ranks which include 57 gold medals and 49 silver medals. Is recognized as a Scientific and Industrial Research Organization by BSR and DST Govt. of India. Has completed projects of worth Rs.1.42 Crores that are received as grants from AICTE, NRB, DST, DBT, NME, INST etc., for carrying out research projects. Is carrying out projects of worth Rs. 53 lakhs, that are received as grant from AICTE, DST. Has received Rs. 26.67 lakhs as grant from AICTE, DBT, Anna University, ISTE etc., for conducting Faculty Development Programmes, and Workshops.

Five departments of our college are recognized as research centers and 40 faculty members are recognized as research supervisors by Anna University. 81 research scholars from various institutes are carrying out their doctoral research under the supervision of our faculty members. Has a Scopus index of 29 for the research publications of our faculty members.

Has secured Outstanding Institution Award during the 1st AICTE-ECI Chhatra Viswakarma Award – 2017 from AICTE, MHRD, Govt. of India in 2017. Has bagged 26 innovative students project awards at national level for their final year projects from Indian National Academy of Engineering, New Delhi and ISTE. Students won several prizes in SMART INDIA HACKATHON ’17, 18 and 19 conducted by AICTE. Bagged Anna University IPR excellence Award in 2016 for the years 2010-15. Is recognized as the best exam preparatory center for conducting Business English Certificate (BEC) examination by Cambridge ESOL for the past five years in India & one among 25 South Asia Best Preparatory Centers (2016-18).

ABOUT THE WORKSHOP

Microgrid system is one of the best solutions of feeding electrical demand and reducing pollution as most of the distributed energy resources (DER) used in the Microgrid are environment friendly. A Micro-Grid, is an intelligent electricity distribution network, operating at or below 11 KV, where the energy demand is effectively and intelligently managed by a diverse range of Distributed Energy Resources (DERs) such as solar PV, wind turbines, biomass, small conventional generators etc., in combination with each other through smart control techniques. Their implementation in grid causes several complications like circulating current, voltage harmonics, reduction in storage life, over voltage and over current in transient etc. Apart from that other challenges like active reactive power sharing, current sharing, power management among renewable sources and high penetration of renewable energy are required to be focussed to increase the handling and working capability of Microgrid. The main objective of this workshop is to understand and analyze the operation of the microgrid and also to study the various control algorithms to control the power flow in distributed system. This workshop is planned to address the various connectivity issues, power management issues and stability issues of the Microgrids. The sessions are planned to deliver the strong fundamental knowledge about the Microgrids and the practical sessions to understand the real-time issues. This will promote young researchers to work on these issues to find new solutions for the current problems in

KEY CONTENT

- An introduction to Microgrid
- Design aspects of Microgrid
- Power distribution management system
- Integration issues and stability analysis of Microgrids
- Energy storage and service reliability
- Simulation and analysis of Microgrid using EMTP - RV

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering since its inception in 1996 has consistently brought laurels to the college. The department has been accredited by NBA since 2003. Our department has been enriched with well-planned & sophisticated laboratories to fulfill our student’s educational & industrial needs. The personality development and career awareness of our students are continuously monitored and improved by conducting special programs during every semester. The department faculty members besides teaching are involved in many activities like continuing education, technical consultancy and research & development and student guidance. We have 34 faculty members to guide our students and perform their best. We have planned to bring together the eminent personalities in the academic institutions, industries and research organizations to facilitate exchange of innovative ideas in the field of power electronics and power systems engineering. The department has signed MoU with Newton Technology Corporation, TRANSC Energy Systems, SANDS Signals and Ltd, Niyata Info Tech, CDCE Automation, NSIC Ltd. The department also has formed three IEEE students chapter technical society and one affinity group.

RESOURCE PERSONS

Dr. R.P. Kumudini Devi, Professor
College of Engineering, Guindy

Dr. S. Chandramohan, Professor
College of Engineering, Guindy

Dr. L. Ramesh, Founder and Chairman
Energy Efficiency Research Group

Dr. V.P. Boopathy, Senior Application Engineer
EMTP-RV

Mr. Umapathy Mohanam, Deputy General Manager
Solar BU, Larsen & Toubro

ELIGIBILITY

PG Students, Faculty members from educational Institutions, Research Scholars and Aspiring persons from Industry.

IMPORTANT DATE

Submission of Application : 30/08/2019
Intimation of Selection through Mail/SMS : 02/09/2019

ACCOMODATION

Limited accommodation will be provided on prior request under free of cost. No TA/DA will be paid.

REGISTRATION FEE

PG Students /Research Scholars : 500/-
Faculty/Industrial Partipants : 750/-