Registration form

A One-week Hands-On Training Program on Photovoltaic System and DC Microgrids (PVSDCM-2018)

17th Dec- 21st Dec 2018

Under
TEQIP-III

1.Participant Name:
2.Qualification & Experience:
3.Department:
4.Organization:
5.Address for Correspondence:
6.Phone No.:
7.E-mail :
8.Registration fee:
9.Bank details
DD.No, date :
10 Accomodation:yes/no

Declaration

The information furnished above are true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop.

Place:
Date: Signature of the Applicant

ADDRESS FOR CORRESPONDENCE
Prof.K.Vaisakh
Convener, PVSDCM-2018
Department of Electrical Engineering
AU College of Engineering (A)
Andhra University, Visakhapatnam-530003, A.P,
India. Mobile no.: +91-9490743636.
Email:pvsdcm.au2018@gmail.com

Organizing committee

Chief Patron
Prof.G.Nageswara Rao,
Hon'ble Vice-Chancellor
Andhra University, Visakhapatnam.

Patron
Prof.P.S.Avadhani,
Principal,
A.U.College of Engineering (A).

Chairman
Dr.K.Vaisakh
Professor & Head of the Department
Electrical Engg., AUCE(A).

Convener
Prof.K.Vaisakh
Dept. of Electrical Engg., AUCE(A).

Advisory Committee

Prof.G.V.Siva Krishna Rao
Prof. K. Rama Sudha
Prof. P. Mallikarjuna Rao
Prof.T. R. Jyothsna
Prof.Ch.V.V.S.Bhaskara Reddy
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(Dr).K.Chandrasekhar
Dr.K.Padma
Dr.R.Srinu Naik
Sri.B.Amarendra Reddy
Dr.R.Vijaya Santhi

TEQIP Phase-III - Sponsored

A One Week Hands-On Training Program on Photovoltaic System and DC Microgrids

(PVSDCM-2018)

17th Dec- 21st Dec, 2018

Organized by

Department of Electrical Engineering
A U College of Engineering (A),
Andhra University
Visakhapatnam-530003
Andhra Pradesh, India.

About AUCE (A):

Andhra University College of Engineering campus had been established in 1955 on a sprawling area extending to 160 acres. The shift had seen the Engineering campus emerge as the present Andhra University College of Engineering Autonomous. Over the years AUCE(A) has been growing from strength to strength. Today the Campus offers 17 UG and 35 PG programmes besides research on par with technical institutions worldwide.

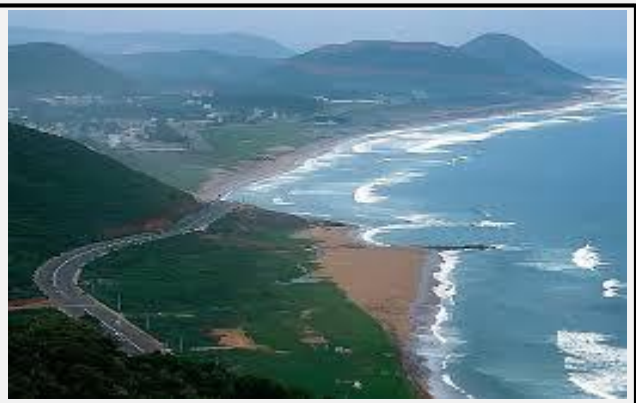
About EE Department:

The department of Electrical Engineering was started in 1955 as one of the three constituents of the Department of Engineering in Andhra University. The status of a Department was given in 1969. The department has grown significantly and currently offers a UG program in Electrical and Electronics Engineering and PG programs in Power Systems & Automation and Control Systems Engineering and Power Electronics Drives and Control. The department initiated developmental activities in the emerging areas of CAD and Robotics with MHRD grants.

The department has well established Machines, Networks, Measurements, Power Electronics, Micro-Processors, Control Systems and Digital Electronics Laboratories.

The teaching faculty of the department are involved in research activities in the areas of fault detection, power system stability, load flows, optimal power flows, model reduction, decentralized fault detection and FACTS, fuzzy logic, Neural networks, robotics and soft computing applications.

The department is periodically organizing refresher courses for APSEB practicing engineers. The department had also undertaken consultancy projects in collaboration with NSTL.



Objective of the Workshop:

The objective of the workshop is to impart an in-depth knowledge in the selection and design of photovoltaic system. This workshop focuses on the modeling, topologies and design of photovoltaic systems. During the workshop, the participants will get hands on experience with the PV systems and DC microgrids. The goal of this training programme is to provide an opportunity to understand the concepts of photovoltaic systems and DC microgrids and its appropriate technical use for real time applications.

TOPICS COVERED

- Introduction to Photovoltaic and DC technology
- MPPT and Partial Shading
- DC/DC Converters
- DC microgrid
- Control and stability analysis of DC Microgrid
- Practical demonstration
- Electrical Vehicle Charging infrastructure as a DC microgrid
- AC/DC Hybrid microgrid
- Optimal Design of Hybrid AC/DC Microgrids
- Enabling methodologies for robust and proactive Smart Grids Optimization

Resource Persons:

- ✓ Dr.Sukumar Misra: IIT Delhi
- ✓ Dr.Alfredo Vaccaro: Italy
- ✓ Dr.K.Vaisakh: Andhra Univ., Visakhapatnam

Eligibility:

Faculty members of Engineering / Polytechnic Colleges approved by AICTE / Researchers / Practicing Engineers / Ph.D scholars and PG students are eligible.

Registration:

- Industrial Person : Rs.2000/-
- Faculty members : Rs.1000/-
- Research/PG Scholars: Rs.750/-

The applicants can register to the workshop by sending an email with all details including details of on-line transfer to, k.vaisakh, a/c no.10228086340, IFSC:SBIN0003170, Visakhapatnam,AP . Email: pvsdcm.au2018@gmail.com

Travel and Accommodation:

No TA/DA will be provided. Accommodation will be provided on request and payment basis subject to availability.

IMPORTANT DATES:

Last date for Registration: 14th Dec 2018
Intimation of Acceptance: 15th Dec 2018