

Registration form

A Three Day Hands-On Training Program on **CONVERTERS AND CONTROLLERS OF PHOTOVOLTAIC SYSTEMS** (CCPVS-2018)

11th-13th May 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

Dr.K. PADMA
Convener, CCPVS-2018
Department of Electrical Engineering
AU College of Engineering (A)
Andhra University, Visakhapatnam-530003, A.P, India.
Mobile no.: +91-9490743636.
Email:padma315@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).

Chair person

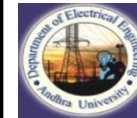
Dr.K. Vaisakh
Professor & Head of the Department
Electrical Engg., AUCE(A).

Conveners

Dr.K. Vaisakh
Dr.K.Padma
Dept. of Electrical Engg., AUCE(A).

Advisory Committee

Dr.G.V.Siva Krishna Rao
Dr. K. Rama Sudha
Dr. P. Mallikarjuna Rao
Dr.T. R. Jyothsna
Dr.Ch.V.V.S.Bhaskara Reddy
Dr.N.Prema Kumar
Dr.M.Gopichand Naik
(Dr).K.Chandrasekhar
Dr.R.Srinu Naik
Dr.R.Vijaya Santhi
(Dr).B.Amarendra Reddy



A Three Day Hands-On Training Program on **CONVERTERS AND CONTROLLERS OF PHOTOVOLTAIC SYSTEMS** (CCPVS-2018)

(TEQIP Phase-III - Sponsored)

11th-13th May2018



Organized by
Department of Electrical Engineering
A U College of Engineering (A),
Andhra University
Visakhapatnam-530003, A.P. 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 & Control.

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. The goal of this training programme is to provide an opportunity to understand the concepts of photovoltaic systems and its appropriate technical use for real time applications.

TOPICS COVERED

Day – 1 (Friday):11/5/2018

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|----|---|-----------------------|
| 1. | Registration | 08:30 AM – 09:30 AM |
| 2. | Inauguration and welcome | 09:30 AM – 10:30 AM |
| 3. | Tea | 10:30 AM – 11:00 AM |
| 4. | Overview of Renewable Energy Scenario & Introduction to Photovoltaic technology | 11:00 AM – 12:00 Noon |
| 5. | MPPT and Partial Shading | 12:00 Noon – 01:00 PM |
| 6. | Lunch | 01:00 PM – 02:00 PM |
| 7. | Lab visit and practical demonstration | 02:00 PM – 04:30 PM |

Day – 2 (Saturday) :12/5/2018

| | | |
|-----|---------------------------------------|---------------------|
| 8. | Converters topologies for PV System | 09:00 AM – 11:00 AM |
| 9. | Tea | 11:00 AM – 11:15 AM |
| 10. | Controller for PV systems | 11:15 AM – 01:15 PM |
| 11. | Lunch | 01:15 PM – 02:30 PM |
| 12. | Lab visit and practical demonstration | 02:30 PM – 04:30 PM |

Day – 3 (Sunday) :13/5/2018

| | | |
|-----|--|---------------------|
| 13. | Control and stability analysis of PV system-I | 09:00 AM – 11:00 AM |
| 14. | Tea | 11:00 AM – 11:15 AM |
| 15. | Control and stability analysis of PV system-II | 11:15 AM – 01:15 PM |

| | | |
|-----|-------------|---------------------|
| 16. | Lunch | 01:15 PM – 02:30 PM |
| 17. | Valedictory | 02:30 PM – 03:00 PM |

Resource Persons

Dr.Sukumar Misra: IIT Delhi
Dr.K.Vaisakh: AU, Visakhapatnam
Dr.K.Padma: AU, 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.3000/-
- Faculty members: Rs.1500/-
- Research/PG Scholars:Rs.1000/-

Participants can register by sending the registration form along with Demand Draft in favor of “K.Vaisakh, Professor, Dept.of EE, AUCE(A), SBI AUCE(A) Branch, Visakhapatnam” and it should reach on or before 5th May 2018.

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: 5th May 2018
Intimation of Acceptance: 7th May 2018