

APPLICATION FORM

A Two - Day
National Workshop
on
**Smart Power Technologies
(SPoT-2017)**

October 24th -25th, 2017
(Under TEQIP Phase-III)

1. Name :
 2. Designation :
 3. Organization :
 4. Department :
 5. Mailing Address:
Phone with STD code Office :
Res :
Mobile :
Email :
 6. DD Details :
DD No : Dated :
Drawn on :
- Place: Signature of the Applicant
- Date:
- Place: Signature of Head of the Institution
- Date: (With seal)

Organizing committee:

Chief Patron:

*Prof.G.Nageswara Rao,
Vice Chancellor, AU, VSKP.*

Patrons:

Prof.P.S.Avadhani
Principal, AUCE (A),VSKP.

Prof.V.Uma Maheswara Rao
Registrar, AU, VSKP.

Chairman

Prof. K.Vaisakh,
Head, Dept.of EE,
AUCE(A),VSKP.

Co-Chairman:

Prof. G.V.SivaKrishnaRao,
Chairman BOS, Dept. of EE,
AUCE(A),VSKP.

Coordinators:

Dr.K.R.Sudha
Professor,
Dept. of EE, AUCE(A), VSKP.

Dr.R.VijayaSanthi
Assistant Professor,
Dept. of EE, AUCE(A), VSKP.

Organizing committee:

Prof. P.Mallikarjuna Rao, AU,VSKP
Prof.T.R.Jyotsna, AU,VSKP
Prof.Ch.V.V.S.BhaskaraReddy, AU, VSKP
Prof. N.PremaKumar, AU,VSKP
(Dr). K.Chandrasekhar, AU, VSKP
Dr. M. Gopi Chand Naik, AU, VSKP
Dr. K.Padma, AU, VSKP
Dr. R.SrinuNaik, Au, VKP
(Dr). B.AmarendraReddy, AU, VSKP

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Organized

by

Dept. of Electrical Engineering
AU College of Engineering (A)
Andhra University
Visakhapatnam – 530 003, AP.

About the University

Andhra University is a premier Institute of higher education in India, was established in 1926, located on the uplands of Visakhapatnam, 'The city of Destiny', The University Presently is Offering 313 Courses in Arts, Commerce, Management, Science & Technology, Engineering, Law, Pharmacy and Education. Sir Dr. C.R. Reddy was the founder Vice-Chancellor of the Andhra University.

A U College Of Engineering (A)

Andhra University College of Engineering had its beginnings in the Composite Madras State before Independence in 1946. In 1955 after the first bifurcation of the State from the Combined Madras Government, Mechanical, Civil & Electrical engineering branches were established on the University Campus.

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 the 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. 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, Microprocessor, Control system and Digital Electronics Laboratories. The department is periodically organizing refresher courses for APSEB practicing engineers. The department had undertaken consultancy projects in collaboration with NSTL.

About TYPHOON HIL GmbH, Switzerland:

Quarbz Infotech Pvt. Ltd. Kanpur, Typhoon HIL Inc. is the technological leader in the field of ultra-high-precision controller-Hardware-in-the-Loop (C-HIL) simulation for power electronics, microgrids, and distribution networks. They provide industry-proven, vertically integrated test solutions along with highest-quality customer support. The company was founded in 2008 and since then has been creating products distinguished by the ultimate ease of use, unrivaled performance, leading-edge technology, and adorability.

Course Content:

- * Basics of Real-time Simulation and HIL Technology
- * Introduction of Hardware in the Loop Simulation (Software)
- * Signal Processing Tool Box
- * Monitoring and Controlling with HIL SCADA
- * Capture/Scope
- * Test Scripts
- * PV Performance curve Analysis
- * Marine as a grid (Power Systems)
- * Electric Vehicle Charging (Drives)
- * Energy Storage (Power Electronics)
- * Rapid Control Prototyping
- * Applications in Grid & DER *Introduction of Grid Communication (Protocols)
- * Pre-certification with available standard test conditions
- * Optimal operation with solar and wind systems

Additional information:

- During this workshop participant will solve real cases with Typhoon HIL's Real Time Simulator
- During the training Typhoon HIL's "Virtual HIL Device" Software will be installed on your Laptops.
- Every participant should bring their own laptop

Resource Persons Resource persons are from reputed Institutions and industries.

Eligibility and Selection

Faculty and Scholars from AICTE approved Institutions. The total intake is 30 and selection will be based on first come first served basis.

Travel and Accommodation

No TA/DA will be provided. Accommodation May be arranged on request on payment basis.

Registration fee Details

Participants	Amount (Rs)
Faculty	1500/-
Scholars	1000/-

The registration amount is to be sent along with the application form in the form of demand draft payable at Visakhapatnam, in favor of "Coordinator, SPoT-2017"

Dates to Remember:

Last date for receiving registration Application: 15-10-2017.

Intimation to selected candidates: 17-10-2017

Registration: 20-10-2017

Mailing Address

All correspondence should be addressed to

Coordinator, SPoT-2017
Department of Electrical Engineering
AU College of Engineering (A)
Andhra University,
Visakhapatnam – 530 003
Andhra Pradesh, INDIA.

Cell: +919491783519, +919440596746

E-mail: spotee2017@gmail.com