

*A two day
Faculty Development Program*
On

**“Renewable Energy
Integration & Modern Power
Systems Analysis using *etap*
Software”**

20th & 21st December 2017

REGISTRATION FORM

Name:

Designation:

Department:

Educational Qualifications:

Institution:

Experience (in years):

Teaching: Research: Industry.....

For Online: Reference ID.....

For Off line: DD No:

Bank Name: Amount:

Address for Communication:
.....
.....

Phone:

Mobile:

E-mail ID:

Declaration: The information provide is true to the best of my knowledge. I hereby forward and recommend the above applicants for attending the FDP.

Signature of the applicant Signature of Head of the Institute

Chief Patron

Dr. P. Rajeswar Reddy, Chairman, AGI

Patron

Ms. P. Neelima, Secretary, AGI

Dr. K .S. Rao, Director. AGI

Dr. G. Vishnu Murthy Dy. Director, AGI

Dr. M.Mutha Reddy, Dean, AGI

Dr. R. Somanatham, Advisor, Dept. of EEE.

Resource Persons from

***etap* Automation Pvt Ltd**

Convener

Dr. T. Anil Kumar, Professor & Head, EEE

FDP Coordinators

Mr. Md. Yaseen, Asst. Professor, EEE.

Mr. B. Nageswara Rao, Asst. Professor, EEE

Important dates

Receipt of registration form: 18-12-2017

***Mail the scanned copies of filled-in and duly
signed registration form***

Email: hodeee@cvsr.ac.in

yaseeneee@cvsr.ac.in

For further details please visit: www.anurag.edu.in

For any enquiry contact:

Mobile:

Dr. T. Anil Kumar – 9989372551 /7095669666

MD. Yaseen – 9866432512

B. Nageswara Rao – 8978138142

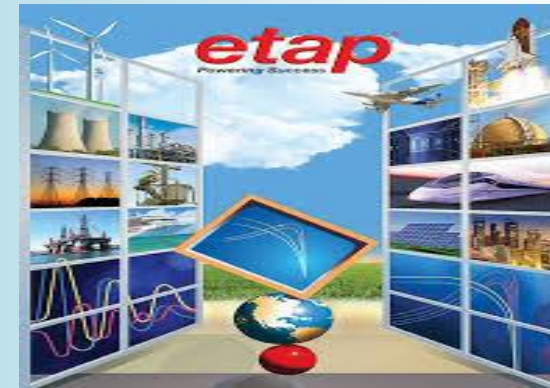
*A two day
Faculty Development Program*
On

**“Renewable Energy Integration &
Modern Power Systems Analysis
using *etap* Software”**

20th & 21st December 2017

Organized By

**Department of
Electrical & Electronics Engineering**



ANURAG GROUP OF INSTITUTIONS

(Formerly CVSR College of engineering)

***Autonomous Institution - Accredited by NAAC with
'A' Grade & NBA, Affiliated to JNTUH
Venkatapur (V), Ghatkesar (M), Medchal Dist.
Pin: 500 088.***

Phone no: 040 - 8499953666

Email: hodeee@cvsr.ac.in

www.anurag.edu.in

About the Institution



Anurag Group of Institutions is the most preferred institutions for engineering pharmacy and management education in the region. Anurag Group, over the past decade and half has maintained a record of crowing achievements in academic and securing high pay MNC placement for its students who have become symbol of brilliance. The institution is spreaded over 50+ acres with a total built-up area of over 700,00sft. AGI has 7 programs accredited by NBA, the college is awarded the most distinguished college award by CSI Technxt, The Top Performing College Award for 2013 & 2015 by IBM, The Best Engineering College Award by ISTE in 2012 and is ranked 8th among the colleges in Telengana by The Week magazine

Department of EEE

The Department of Electrical & Electronics Engineering established in 2002. The present intake of the department in UG level is 120. We have Power Electronics and Electrical Drives (PEED) PG specialization with an intake of 36 students. A period of 15 years the department has been a hive of academic activity and instrumental in creating successful careers for many students. The department had well equipped laboratories with sophisticated lab equipment. Consistent growth was witnessed in development and consequently the Department was accredited by NBA in 2008 and reaccredited by NBA in 2017. Very committed and experienced faculty led the students for their overall development. The infrastructure facilities are world class and the students have exposed to the latest technologies and industry environment by offering internship to bridge the gap between industry and academics. The department has strong industry interaction and MoU with 15 core industries.

The environment of the Department encourages the students to think innovatively and develop technological solutions to the society concern problems. Being known as the mother of all engineering courses, EEE offers a wide range of career choices in core technologies to software industry. If your heart is in Electrical and Electronics Engineering this is the place of your choice to become ever green global engineer.

About Faculty Development Program

etap is a full spectrum analytical engineering software company. *etap* stands for Electrical Transient and Analysis Program (software program for electrical engineers). In this software different modules are available to deal with analysis of modern power system (simulation, monitoring, control, optimization, and automation) as well as integration of renewable energy for installation of power plants, substations, green grids, VPP (Virtual Power Plants), V2G, V2H, Nano grids & Micro grids.

Day-1 Morning Session:

- **ETAP software introduction:** PPT Presentation
- **Base Module:** SLD preparation
- **Load Flow Analysis:** Power Flow, Voltage Drop with different iteration methods & Wind Generator Modeling
- **Load Flow/ Voltage Drop Case Studies**

Day-1 Afternoon Session:

- **Short circuit Analysis:** IEC 60909, 3 Phase Symmetrical fault, Asymmetrical faults (LG, LL, LLG)
- **Harmonic Analysis:** Harmonic load flow and filter sizing
- **Short Circuit and Power Quality Case Studies**

Day-2 Morning Session:

- **Transient Stability analysis:** From IEEE example work out faulted transient
- **Load Shedding cases**
- **Relay Coordination:** Over current and differential protection

Day-2 Afternoon Session:

- **Protection coordination Cases**
- **Optimal Power Flow:** Optimizing Power Flow in suitable area to reduce loss of active and reactive power flow
- **Renewable Integration**

Registration Fee:

Academicians / Research scholars: Rs 500/-

Industry Delegates: Rs 1000/-

Mode of Payment of Registration Fee

Both online and offline mode registrations are allowed. For offline mode enclosed crossed Demand Draft drawn on any Nationalized Bank in Favor of: "The Director", Anurag Group of Institutions, Payable at State Bank of India, Ghatkesar. For online mode bank name & address: SBI Ghatkesar, A/C No: 62289105582, IFSC Code: SBIN0020450.

Location Map:

