



Jawaharlal Nehru Technological University formed in 1972 is a teaching cum research oriented university consisting of the constituent and affiliated colleges. An Entrepreneurship Development Cell (EDC) was established by the Department of Science and Technology to create a business-oriented environment, to promote small and Medium Enterprises (SME's) and NGO's to organize lectures. To get a hands-on experience of the industry, the JNTU Bureau of Industrial Consultancy Services (BICS) WAS FORMED TO AID IN THE Human Resource needs, to identify R&D developments, to engage in entrepreneurial opportunities and to Coordinate with organizations like HUDA, APSEB, BHEL, NTPC, ONGC, Airport Authority of India and many others. Even though Research constitutes the academic framework, the university has an exclusive R&D cell which monitors all the research activities and coordinates them through the recommendations of faculty members, Bringing the spark of knowledge to young minds, and instilling a new confidence and vigor to face the world, it is providing quality education for nearly 4 decades.

ABOUT THE DEPARTMENT:

The Department of Electrical Engineering was established in 1965 in the Nagarjuna Sagar Engineering College at Masab tank Campus. Later it was re-established in 1979 for offering

B.Tech. Four year degree course. It also offers full time and part time PG courses. The department of EEE, JNTUHCEH and GE Energy has signed an MOU for conducting a three year M.Tech programme. The department has undertaken many R&D projects sponsored by MHRD and AICTE. Faculty members in the department are actively involved in research and consultancy services. Students performance in the campus placement is encouraging.

COURSE CONTENTS:

- ⇒ Generation of high voltages
- ⇒ Measurement of high voltages
- ⇒ Partial discharge in electrical equipment
- ⇒ Lightning Impulse, Switching Impulse and Power Frequency Test Voltages
- ⇒ Testing of electrical equipments
- ⇒ Gas Insulated Substations

RESOURCE PERSONS:

- ⇒ Prof. N.K. Kishore, IIT Kharagpur
- ⇒ Dr. Hemalatha, IIT Kharagpur
- ⇒ Dr. J. Amaranath, Professor, JNTUHCEH.
- ⇒ Dr. B.P. Singh, G.M. (Retd.), BHEL (R&D)
- ⇒ Prof. V. Kamaraju, Professor (Retd.), JNTUK
- ⇒ Dr. A. Raghu Ram, JNTUHCEH.
- ⇒ Dr. S. Kamakshaiah, Professor (Retd.), JNTUH.

In addition to the above, resource persons are also drawn from reputed institutions and industries.

ELIGIBILITY AND NORMS:

Faculty members from AICTE recognized Engineering Institutions are eligible to participate. The selected participants, who attend the course will not be paid TA. The participants are requested to arrange their own accommodation.

COURSE OUTLINE:

This Workshop is intended to disseminate the knowledge on High Voltage Testing measurements and Gas insulated Substations and evaluation of test results on various electrical equipments. Workshop broadly covers the topics on Generation and Measurement of High Voltages, Partial Discharges, Lightning Impulse, Switching Impulse and Power Frequency test voltages that are used in dielectric testing of various electrical power system equipments. The Workshop is intended to facilitate the participants in acquiring knowledge and information on generation of high voltages, latest trends in high voltage measurements, latest standards/test procedures and various methods of evaluation of test results to diagnose the equipment for failure detection. The participants are also intended to get exposure to laboratory environment. Now a days, the GIS importance goes on increasing to meet the power demand. So the Faculty must expose to all the above latest technologies to train the students to fit to the modern technologies.

HOW TO APPLY:

Apply to mail or spot registration is also available at Department of Electrical and Electronics Engineering, JNTUHCEH on or before 6th March, 2013, by 10.00 AM.

Brochure and application form can be downloaded from our website: www.jntuceh.ac.in

List of participants selected for the SDP will be displayed on our institute website.

IMPORTANT DATES:

- ⇒ Last date for receiving the application: 6th March, 2013 morning by 10.00 AM
- ⇒ Intimation regarding selection by email / Phone.

REGISTRATION FORM

WORKSHOP
On
“HIGH VOLTAGE ENGINEERING”
March 6th to 8th , 2013

UNDER TEQIP – II

Name:

Designation:

Dept.:

Name of Institution:

Postal Address:

.....

Phone:.....Mobile:.....

Email:.....

Experience (Yrs):

Teaching.....Industry.....

Academic Qualification:.....

Place:

Date:

Signature of Participant

Office Seal

Signature of Authority

ADVISORY COMMITTEE:

- ⇒ Dr. S.S.Tulasi Ram, JNTUHCEH.
- ⇒ Dr. J. Amarnath, JNTUHCEH
- ⇒ Dr. A. Raghu Ram, JNTUHCEH.
- ⇒ Dr. B.P. Singh, BHEL (R&D).
- ⇒ Dr. B. Hemalatha, IIT Kharagpur.
- ⇒ Dr. S. Kamakshiah, (Retd.), JNTUCEH.
- ⇒ Dr. N.K. Kishore, IIT Kharagpur.

COORDINATOR:

- ⇒ Dr. M. Surya Kalavathi, Professor
Mobile: 9440763393
- ⇒ Dr. M. Sushama, Professor & Head
Mobile: 9848637597

ORGANIZING COMMITTEE:

- ⇒ Dr. S.V.Jayaram Kumar
- ⇒ Dr. J. Amarnath
- ⇒ Dr. B.V. Sankar Ram
- ⇒ Dr. N. Yadaiah
- ⇒ Dr. G.N. Sreenivas
- ⇒ Dr. S. Tara Kalyani
- ⇒ Dr. A. Jaya Laxmi
- ⇒ Smt. R. Kiranmayi
- ⇒ Smt. K.H.Phani Shree
- ⇒ Sri. P.Venkata Narayana
- ⇒ Sri. D. Kiran kumar

ADDRESS OF COMMUNICATION:

Coordinator,

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Web: www.jntuceh.ac.in

WORKSHOP

On
“HIGH VOLTAGE ENGINEERING”
March 6th to 8th , 2013
TEQIP – II



Organized
By

Coordinators:

Dr. M. Surya Kalavathi,
Professor of EEE Department
&

Dr. M. Sushama
Professor & Head of EEE Department



Department of
Electrical & Electronics Engineering
JNTUH College of Engineering
(Autonomous)