

Two days National

Workshop on

**MODERN TOOLS & ITS
APPLICATIONS TO ENERGY
DATA ANALYTICS
(MTAEDA-2023)**

Registration Form

Name:

Designation:

Department:

College/Industry:

Phone:

E-mail:

Transaction Ref. No:

Date:

Signature:

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Vice Chancellor, JNTUH

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Coordinators

Dr.K.Naga Sujatha., Professor & Head, EEE

Sri.P.VenkataNarayana, Assoc.Professor, EEE

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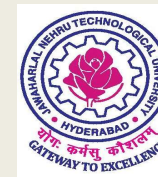
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Dr. D. Kiran Kumar, Assistant Professor



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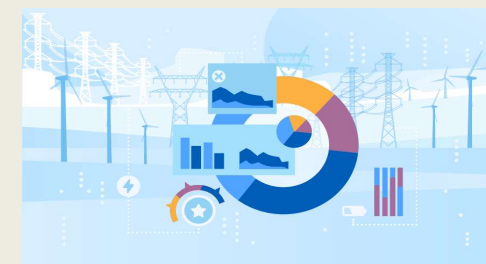
(MTAEDA-2023)

20th & 21st February-2023

Coordinators

Dr. K. Naga Sujatha,
Professor & Head, EEE

Sri P. Venkata Narayana,
Assoc. Professor, EEE



**Department of Electrical and
Electronics Engineering
JNTUH UNIVERSITY COLLEGE OF
ENGINEERING, SCIENCE&TEHNOLOGY,
HYDERABAD**

**Kukatpally, Hyderabad-500085
Telangana State, INDIA**

About JNTUHUCES&TH Campus

Jawaharlal Nehru Technological University College of Engineering, Science & Technology Hyderabad, formerly known as Nagarjuna Sagar Engineering College, was established in 1965 by the Government of Andhra Pradesh and administrated under the control of the Department of Technical Education and affiliated to Osmania University, Hyderabad. With the formation of Jawaharlal Nehru Technological University (JNTU) on 2nd October 1972, the college was made as a constituent college of the University and named as JNTU College of Engineering, Hyderabad. Eventually renamed as JNTUH University College of Engineering, Science and Technology Hyderabad under JNTUH.

About EEE Department



The Department of Electrical and Electronics Engineering was initially started in 1965 in the name of Electrical Engineering. The Department was renamed as Electrical and Electronics Engineering in 1979. The Department has highly qualified, well experienced veteran staff. Most of the faculty is renowned for

their accomplishment of Doctoral and Post Doctoral Degrees. The Department is committed to impart knowledge and skills to the students. The Department has well equipped laboratories and offers Undergraduate, Postgraduate and Research programmes. Department has its own Library and seminar hall. The Department is currently engaging in research in many areas of Electrical Engineering including Power Systems, Power Electronics and Drives, High Voltage Engineering, Control systems and Renewable Energy Resources etc.

Objective of workshop

The Objective of the workshop is to provide introductory coverage of Modern tools & its Applications to Energy Data Analytics, for power engineering and power electronics applications and also aimed at the multifaceted in the disciplines of EEE, EIE, ECE and Mechanical. The electricity industry is transforming itself from a hierarchical, passive, and sparsely-sensed engineering system into a flat, active, and ubiquitously-sensed cyber-physical system. The emerging multi-scale data from synchrophasors, smart meters, weather, and electricity markets offers tremendous opportunities as well as challenges for the industry to dynamically learn and adaptively controlling. This workshop introduces the foundation of high dimensional spaces and data analytical tools necessary to model and operate a modern power system and power electronics applications.

Eligibility

The faculty, Research scholars, students from EEE, EIE, ECE, Mechanical and Practicing Engineers from Industry.

Topics

- Role of AI&ML to Energy Applications
- Solar Data Analytics
- Building Energy Analytics
- Data Science for Real-World Energy Systems
- Data Integration and Data Quality
- Modeling and Representing Energy-Specific Knowledge using Machine Learning
- Effective Dash board design using Tableau

Registration Fee

Students & Research Scholars: Rs. 500/-
Faculty & Others : Rs. 1,000/-

Registration fee to be paid:

M/s Coordinator EEE Association
A/c No. 103410100059191
Union Bank of India, JNTU Campus Br.
IFSC Code: UBIN0810347

Dates to Remember

Last date for Registration: 18th Feb, 2023
Workshop Dates: 20th & 21st Feb, 2023

Visit Us: www.jntuhceh.ac.in

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