

Registration:

REGISTRATION FEE: Rs.500/-

- Lunch and Snacks will be provided for participants.
- No TA/DA will be provided for the participants.

Send a participation request mail to hodeee@necn.ac.in

Resource Persons

Dr. K. Sreenivas
SE, APTRANSCO, Ongole.

Dr. K. Baskar
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Founder Chairman

Dr. P. Narayana

Chief Patron

Sri. R. Sambasiva rao, Registrar

Patrons

Dr.A.V.S.Prasad, Director
Dr.G.Srinivasulu Reddy, Principal

Convenor

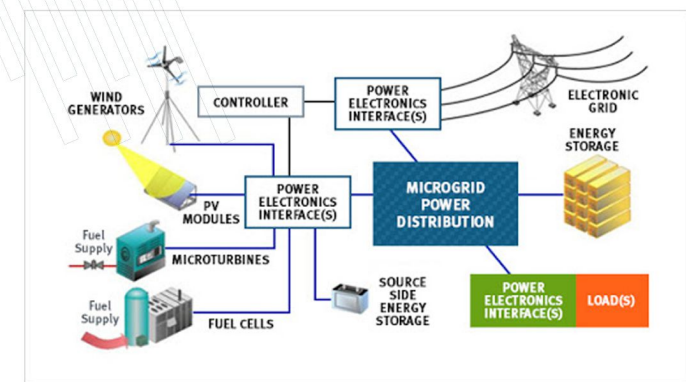
Dr. G. Venkateswarlu, HOD of EEE

Co-Ordinators

Dr. B.Akib Khan, Assoc. Professor
Mr. K. Kumar, Assoc. Professor

Organizing Committee

Mrs. M. Sunitha, Assoc. Professor
Mr. K.V. Kishore, Asst. Professor
Mr. T .V.Subba Rao, Asst. Professor
Mr. A . Prasad, Asst. Professor
Mrs. N. Santhi kumari, Asst. Professor
Ms.L.Nagalakshmi, Asst. Professor
Mr. ANVK Naveen, Asst. Professor
Mrs M.Bhargavi, Asst. Professor
Ms. M. Leela Mounika, Asst. Professor
Mr. P. Uday Kumar, Asst. Professor
Mr. M. Sukumar, Asst. Professor



A Five Day FDP on “Micro Grid Applications to Renewable Energy Sources”

From April 6th to 10th, 2021

Organized by
**The Department of
Electrical & Electronics Engineering**



NARAYANA
ENGINEERING COLLEGE::NELLORE
(AUTONOMOUS)

NARAYANA AVENUE,
Muthukur road, Nellore-524 004, A.P.

www.necn.ac.in

ABOUT THE INSTITUTION

Narayana Engineering College is one of the premier engineering colleges in Andhra Pradesh sponsored by Narayana group of educational institutions. The college was established in 1998 with a vision to impart quality technical education and is affiliated to JNTU, Ananthapuramu, and completed 23 years of existence in technical education. Narayana Engineering College was conferred "Autonomous" status by UGC with effect from Academic Year 2020-21 for a period of ten years. The college is Permanently Affiliated to JNTUA, Ananthapuramu and is Accredited by NAAC with A+ GRADE and awarded "A" grade by Govt. of AP.

Narayana Engineering College is located in India's southern State, Andhra Pradesh. This college is located near to the National Highway (NH-5) Nellore. The nearest airport is Chennai, 3 hours drive away. The college offers B.Tech. Programmes in 5 faculties of Engineering namely, Electronics & communication, Computer Science, and Electrical & Electronics, The college also offers Post Graduate programmes MCA, MBA. and M. Tech. in VLSI, EPS, &CSE, Our motto is to give the students an excellence in his or her career, our goal is to shape their future in all aspects.

ABOUT THE DEPARTMENT

Narayana Engineering College is offering B.Tech. degree in Electrical and Electronics Engineering from 1998. The program provides excellent technical knowledge in emerging areas of Electrical and Electronics Engineering continues to transform the way we live from the latest consumer products to sophisticated scientific, industrial and healthcare technologies. Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism. Integrating computer programming, electronics and communication with electrical engineering, makes engineering.

Job opportunities are ample in both private and public sectors like railways, civil aviation, power plants, utility companies, electrical design and consultancy firms and all types of manufacturing industries.

The department of EEE aims at being the premier centre in Electrical Engineering education through excellent teaching, applied research and professional services, for the benefit of the society. The department is having well equipped laboratories and research facilities. The department focuses on overall development of the students imparting knowledge and skill through projects and seminar presentations and encourages students' association activities, internships and industrial visits.

Presently, the department offers B.Tech (EEE) and M.Tech (EPS) with total intake of 60 and 18 respectively. The majority of our students have been well placed in many companies through campus interviews and many of our students are pursuing their higher education at various premier institutions in India and also in abroad.

ABOUT FDP

Renewable energy sources have emerged as an alternative to meet the growing demand for energy, mitigate climate change, and contribute to sustainable development. The integration of these systems is carried out in a distributed manner via microgrid systems.

This FDP aimed to cover different features of SMART GRID their associated applications. The Key Issues occur in implementation of Smart. Grid in Indian power sector specially to renewable Energy and Microgrid Energy Management with Renewable Energy Generation are the major concern of this FDP.

Some challenges and recent opportunities of Power Electronics and Drives area was also discussed.

ELIGIBILITY

Faculty from AICTE Approved Colleges and Universities.
Employees from Industry/R&D.
PG students & Research Scholars.

COURSE CONTENTS

This FDP focuses on

- Introduction to Microgrids and Renewable Energy
- Introduction to Smart Grid Applications to Renewable Energy Sources
- Key Issues And Challenges In Smart Grid
- Prompting Smart Grid Development with renewable Energy Sources
- A hybrid isolated micro grid
- Microgrid Optimization Techniques
- Microgrid Energy Management with Renewable Energy Generation
- Energy Management Based on Metaheuristic Methods

