



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY: VIJAYAWADA – 520 008

(Accredited by NAAC, Affiliated to JNTU Kakinada)

Department of Electrical & Electronics Engineering

in Collaboration with **IQAC**

is *Conducting*

**A Three-Day National Level Online FDP on
Driving Technologies for
Electrical Systems
from 29th June to 1st July 2021.**



About ALIET

Andhra Loyola Institute of Engineering and Technology (ALIET) - a sister Institution of Andhra Loyola college vijayawada, Loyola College Chennai, St. Xavier's Mumbai, St. Xavier's Calcutta, XLRI, St. Joseph's Bangalore - is one of the premier Institutes that sets high standards in Engineering Education, in and around the Capital Region of Amaravati, A.P. ALIET was established in the year 2008 by the Loyola College Society, Guntur-Vijayawada, to realize the Jesuit vision and with an aim to take technical education to students, especially to the under privileged and the more deserving youth of the State.

Vision:

In accordance with the Jesuit vision of higher education ALIET imparts technical education with integral formation which involves academic excellence, spiritual growth and social commitment.

Mission:

The mission of our Jesuit education is to form 'men and women for others' and mould them as global citizens with competence, conscience and compassionate commitment. Special concern is shown towards socially and economically marginalized students.

Driving Technologies for Electrical Systems

About the Department

The Electrical & Electronics Engineering Department was started with UG programme in 2008 with an intake of 60. The department has well qualified, experienced & dynamic faculty along with skilled technical supporting staff who spearhead the process of achieving the vision of the department. The department has well equipped labs & infrastructure. Till now 8 batches have passed out. Many of our student's technical papers have been published in various national & international technical symposiums. A good number of students are being placed through campus placements in core MNC companies every year.

Department Vision:

To mould the students as eminent Electrical & Electronics Engineers by providing quality education with skills and character to serve the society.

Department Mission:

M1 - To provide high quality teaching and services that render students a supportive environment.

M2 - Making the effort to mould the students to be the problem solvers, to be able to apply engineering principles to electrical systems.

Program Educational Objectives(PEOs):

PEO1: Graduates shall have a solid foundation in Mathematics, Science, Electrical, Electronics and allied engineering applications, capable of analyzing, design and development of systems for Energy Generation, Transmission, Distribution, Operation and Control.

PEO2: To develop engineers with broad perspective and orientation to work for the electrical equipment manufacturing industries in the fields of electrical machines, drives and controls.

PEO3: To train the students with strong background knowledge in electrical engineering sciences for research and higher education & to increase the capabilities of students to face competitive exams.

PEO4: To develop engineers with broad perspective and orientation to work in the area of Non conventional energy resources with social and environmental concern.

About FDP

In this advanced era, groundbreaking technologies are introduced on a daily basis. Therefore it is necessary to stay up-to-date with these technologies and remain ahead. In this regard, a **Three-Day National Level online FDP** is planned by the **Department of EEE, Andhra Loyola Institute of Engineering and Technology, from 29th June to 1st July 2021**. This FDP paves a platform for the Electrical Engineers to get connected with the technology advancements in the field of Electrical Engineering.

Resource Persons:

Dr. S. Surender Reddy,

Woosong University, Daejeon,
Republic of Korea.

Dr. S. Surender Reddy , completed M.Tech from NIT Warangal in 2009 and Ph.D from Indian Institute of Technology, New Delhi, India, in 2013. He is a Postdoctoral Researcher at Howard University, Washington, DC, USA, from 2013 to 2014 and currently working as an Associate Professor in the Department of Railroad and Electrical Engineering, Woosong University, Daejeon, Republic of Korea. He is a Member of IEEE and IEEE Power and Energy Society.

Dr. T. Vinay Kumar

*Department of Electrical
Engineering, NIT Warangal.*

Dr.T. Vinay kumar, completed M. Tech from JNTUH and Ph.D from NIT Warangal. Currently, he is working in EED, NIT Warangal. He is a member of IEEE and IE. His research interests include, Power Electronics & Drives, Speed control of Electric vehicles, etc.

Dr. K. Harinadha Reddy,

*Prof.& Vice Principal,
LBRCE, Mylavaram..*

Dr. K. Harinadha Reddy, completed M.Tech from JNTU Kakinada and Ph.D from Andhra University, Visakhapatnam. Currently, he is working as a vice principal, in *Lakireddy Balireddy College of Engineering*, Mylavaram, Krishna(Dt). He has 22 years of teaching experience in various Engineering colleges. He is a member of IEEE and IE.

Major Topics to be covered by the Resourse persons:

1. Artificial Intelligence techniques for renewable energy systems.
2. Energy and Ancillary Services Optimization in a Power System with Renewable Energy Sources.
3. Different speed control algorithms for Electric drives etc.

Advisory Committee:

Chief Patron

Rev. Fr. P. Bala Showry, S. J., Rector, Andhra Loyola Institutions.

Chief Coordinator

Rev. Fr. Dr. A. Francis Xavier, S.J., Secretary & Director, ALIET

Chairman

Dr. O. Mahesh, Principal, ALIET

Patrons

Rev. Fr. J. Chiranjeevi, S.J., Assistant Director

Rev. Fr. M. Anand, S.J., Assistant Director

Convener

Dr. G. Naveen Kumar, HOD, EEE.

Coordinators

Dr. M. Ajay Kumar, Associate Professor, Dept. Of EEE.

Mrs. V. Ananta Lakshmi, Asst Prof., Dept. of EEE.

Organizing Committee :

Sri. G. Gantaiah Swamy, Asst Prof., Dept. of EEE.

Sri. L. Karunakar, Asst Prof., Dept. of EEE.

Sri. T. Krishna Mohan, Asst Prof., Dept. of EEE.

Sri. M. Rama Krishna, Asst Prof., Dept. of EEE.

Sri. M. Ramesh Kumar, Asst Prof., Dept. of EEE.

Sri. D. Ravi Kiran, Asst Prof., Dept. of EEE.

Miss. A. Sireesha, Asst Prof., Dept. of EEE.

Mrs. Ch. Soundarya, Asst Prof., Dept. of EEE

Note:

1. FDP is for all **Teaching faculty** and **Research Scholars** from Private/ Govt. Engg. Colleges.
2. The programme will be **conducted online mode** only.
3. The daily program is for **2hr.** on all *Three* days (**from 3PM to 5PM**)
4. **E-certificates** will be issued to the faculty who successfully complete the programme.

For any queries, you may contact:

Dr. M. Ajay Kumar /Mrs. V. Ananta Lakshmi



9381237756

e-mail - ajaykumar@aliet.ac.in

Registration Link:

<https://tinyurl.com/EEEFDP2> kindly click on the link for submission of **Registration form**.

Last Date for Registering the FDP is **28th June 2021 up to 12PM.**

*****Registration Fee: *nil***

“Driving Technologies for Electrical systems”