

CHIEF PATRON:

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

CHAIRMAN:

Dr. O. Mahesh,
Principal

PATRON:

Rev.Fr.D.Balaswamy, S.J
Assistant Director

Rev. Fr. N. Britto Martin, S.J
Assistant Director

CONVENER:

Dr. G. Naveen Kumar,
Head of the Department, EEE.

CO-ORDINATORS:

Dr. M. Ajay Kumar
Associate Professor, Department of EEE.

Mr. L. Karunakar
Assistant Professor, Department of EEE

RESOURCE PERSONS:

Dr. G. Naveen Kumar, Professor,
Dr. M. Ajay Kumar, Associate Professor,
Mrs. V. Anantha Lakshmi, Assistant Professor,
Mr. L.Karunakar, Assistant Professor,
Mr. T. Krishna Mohan, Assistant Professor,
Mr. D. Ravi Kiran, Assistant Professor,

IMPORTANT DATES

Last date for Registration : 27th OCT 2021

REGISTRATION FEE:

FREE TO ALL

HOW TO APPLY?

For online registration, go through the LINK <https://forms.gle/ejweMEC2o5fehdFv7>. or The Registration form in the prescribed proforma duly signed by the Head of the Institution / Organization should reach the convener on or before 27th OCT, 2021.

ADDRESS FOR COMMUNICATION:

Dr. M. Ajay Kumar 9491827298
Associate Professor, EEE Department.

Mr. L. Karunakar 9030104738
Assistant Professor, EEE Department.

Email: eehod@aliet.ac.in

STUDENT CO-ORDINATORS:

Mr. Sk. Subhani 9381 563 046
(IV B.Tech EEE)

Ms. G. Amulya 8978192664
(III B.Tech EEE)

Limited Number of Registrations are Available

**A THREE DAY TECHNICAL
WORKSHOP**

On

**“HANDS ON EXPERIENCE
WITH MATLAB”**



28th to 30th OCT 2021

ORGANIZED BY

DEPARTMENT OF

ELECTRICAL AND ELECTRONICS ENGINEERING

(in association with Loyola Electrical Engineers
Students chapter and Collaboration with IQAC)



**ANDHRA LOYOLA
INSTITUTE OF ENGINEERING
&
TECHNOLOGY**

(Approved by AICTE, Accredited by NAAC & NBA,
affiliated to JNTUK)

Polytechnique Post Office Road, Beside Kaladarsini,
Krishna (Dist.), Andhra Pradesh-520 008
Ph: 0866-2476161

ABOUT THE COLLEGE

Andhra Loyola Institute of Engineering and Technology (ALIET) is a sister institution of the reputed Andhra Loyola College, Vijayawada. These two institutions are administrated and run by Loyola College Society, Guntur-Vijayawada.

ALIET was approved by AICTE- New Delhi, on 04-06-2008 and is also an ISO 9001:2015 certified institution and accredited by NAAC. The institution is recognized by the government of Andhra Pradesh and affiliated to JNTUK. The institute is offering 6 UG programs with an intake of 540 (CSE-120, ECE-120, EEE-60, MECH-120, CIVIL-60 & IT-60) & MBA (60)). Our institute is partially running with the roof top solar power.

ABOUT EEE DEPARTMENT:

The Department of EEE has been offering a full-time four-year B.Tech Degree course since the inception of the institution. The department is provided with all required infrastructural facilities like well-equipped laboratories, well qualified & dedicated faculty, and technically sound supporting staff. It is continuously striving to impart quality education and competitive spirit among students for academic excellence. Many of our students' technical papers have been published in various national & international technical symposiums. The Department offers placements in various MNCs and Core companies. Also, the department has been accredited by NBA.

VISION:

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

MISSION:

M1 - To provide high quality teaching and service that renders the students a supportive environment.

M2 - To impart holistic education and prepare the students to solve the problems by apply engineering principles to electrical systems.

ABOUT WORKSHOP

MATLAB is a high-level language and interactive environment for numerical computation, visualization and programming. Using MATLAB one can analyze data, develop algorithms, and create models and applications. The language, tools and built-in math functions make it possible to explore multiple approaches and reach a solutions faster than with spread sheets or traditional programming languages, such as C, C++ or JAVA. MATLAB can be used for a range of applications, including sim power systems, signal processing and communication, image and video processing, control system, test and measurement. More than million engineers and scientists in industry and academic use MATLAB

TOPICS TO BE COVERED:

- Basics of MAT LAB
- Simulation of Power Electronics Converters
- Introduction to Solar Energy Systems
- Simulation and Design of Electric Vehicles
- Simulation of Power System models
- Simulation of Electrical machines models
- Applications of Power systems
- Applications of Power Electronics

LEARNING OUTCOMES:

1. Implementation of power systems and power electronics using MATLAB .
2. Hands on Experience.

ELIGIBILITY

This program is open to all the EEE department UG & PG students, Research Scholars

REGISTRATION FORM

A THREE DAY TECHNICAL WORKSHOP

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1. Name of the Participant:

2. Designation:

3. Name of the Organization:

4. Address for Communication:

5. Mobile:

6. E-mail:

7. Registration Fee Details. Amount ___Nil___

Signature of the Participant

PERMITTING AUTHORITY:

Mr./Ms. _____
employed as _____ in our
college / organization is permitted to attend the National
level workshop.

Place:

Date:

Signature of permitting authority with seal