CHIEF PATRON

Rev. Fr. Dr. A. Francis Xavier, S.J

Secretary & Director

CHAIRMAN

Dr. O. Mahesh,

Principal

PATRON

Fr. J. Chiranjivi, S.J

Assistant Director

Fr. M. Anand, S.J

Assistant Director

CONVENER

Dr. G. Naveen Kumar,

Head of the Department, EEE

CO-CONVENER

Dr. M. Ajay Kumar,

Associate Professor, EEE

CO-ORDINATORS

Mr. G. Gantaiah Swamy
Assistant Professor, Department of EEE

Mr. L. Karunakar
Assistant Professor, Department of EEE

ORGANIZING COMMITTEE

Mrs. V. Anantha Lakshmi, Assistant Professor

Mr. M. Rama Krishna, Assistant Professor

Mr. T. Krishna Mohan, Assistant Professor

Mr. D. Ravi Kiran, Assistant Professor,

Mr. M. Ramesh Kumar, Assistant Professor

IMPORTANT DATES
Last date for Registration : 19th Sep 2020

HOW TO APPLY?
Registrations should be made online only.
Event registration link:
https://tinyurl.com/yy66pvwb

Payment Information

Registration Fee: Rs 500 per Particpant
Online banking/ PhonePe:

Account number:

0426 1020 0001 0919

Account Name: Hyderabad Institute of Electrical Engineers

IFSC: IBKL0000426

IDBI bank

(Or)

Gpay: 8008190287

Gpay details: srikanth muppala

Pay the amount online following above procedure. Take a screenshot and upload it in registration link while registering for the event. This is mandatory

WORKSHOP TIMINGS:10AM TO 12PM

ADDRESS FOR COMMUNICATION

Mr. G. Gantaiah Swamy **mobile:** 7075342409
Assistant Professor, EEE Department

Mr. L. Karunakar
Assistant Professor, EEE Department

Email: ggswami.g@gmail.com

STUDENT CO-ORDINATORS:

Mr. P. Ravi Teja **mobile: 6304 160 115**
(IV B.Tech EEE)

Mr. Sk. Subhani **mobile: 9381 563 046**
(III B.Tech EEE)

For detailed information go through the college web site: www.aliet.ac.in

A TWO DAY NATIONAL LEVEL e-WORKSHOP

On

"Solar PV Plant Design"

(In Collaboration with IQAC)

on

21st & 22nd Sep 2020

ORGANIZED BY

DEPARTMENT OF

ELECTRICAL AND ELECTRONICS ENGINEERING

In association with

HIEE

ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, Affiliated to JNTUK)
NAAC ACCREDITED
Polytechnique Post Office Road, Beside Kaladarsini,
Krishna (Dist.), AndhraPradesh-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. The institution is recognized by the government of Andhra Pradesh and affiliated to JNTUK. The institute is offering 6 UG programs an intake of 540 (CSE-120, ECE-120, EEE-60, MECH-120, CIVIL-60 & IT-60), 2 PG programs (2 M.Tech, (CSE-18 & DECS-18) & MBA (60)). Our institute is partially running with the 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.

ABOUT WORKSHOP

Learn and Build a project on Solar and Smart Energy using Embedded System in this course. This includes practical exposure to solar energy production along with the real-life application of charging a battery. Students also learn the concepts of Smart energy and other industry trends like green energy, smart building, smart grid and energy harvesting technologies. In today's time its a need to switch to renewable energy sources to save our climate, save non-renewable energy, reduce pollution, money saving etc. In this workshop students will learn about the benefits of renewable sources like Solar Energy with practical exposure on how to use solar energy and covert it to smart energy with some real time projects.

TOPICS TO BE COVERED

- Basics of Alternate Energy Systems
- Renewable energy - An Introduction
- Introduction to Solar Energy Systems
- Solar panel – Functioning & Applications
- Smart Energy Systems – Necessity & Implementation and Electronics
- Rooftop solar – where it works and where it doesn't
- Site analysis and assessment for rooftop solar readiness
- Technical overview of DC and AC principles of Solar PV system.
- Smart Light Sensing Modules using Photodiodes and Photo resistor
- Smart Devices Development using Photo devices
- Designing & Implementation of Solar Energy Tracker
- Smart Traffic controlled system-Design and implementation
- Modelling of building
- Shadow Analysis of Roof top
- Insertion of Solar Modules

LEARNING OUTCOMES

1. Application of Solar and design of rooftop solar system.
2. Hands on Experience.

ELIGIBILITY

This program is open to all the EEE department UG & PG students, faculty members, Research Scholars and Engineers from industries.

REGISTRATION FORM

A TWO DAY NATIONAL LEVEL e-WORKSHOP

on

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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 _____

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