



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

Report On Guest Lecture on "IOT Based Green Energy Technologies"

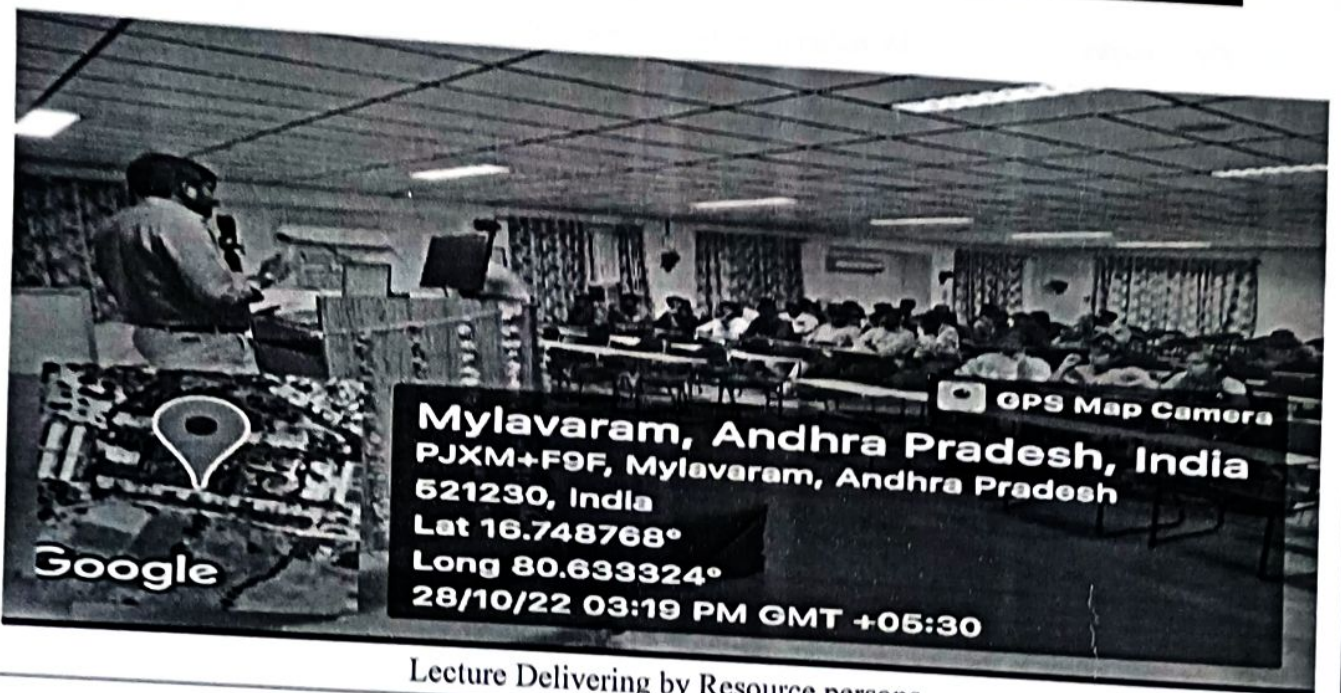
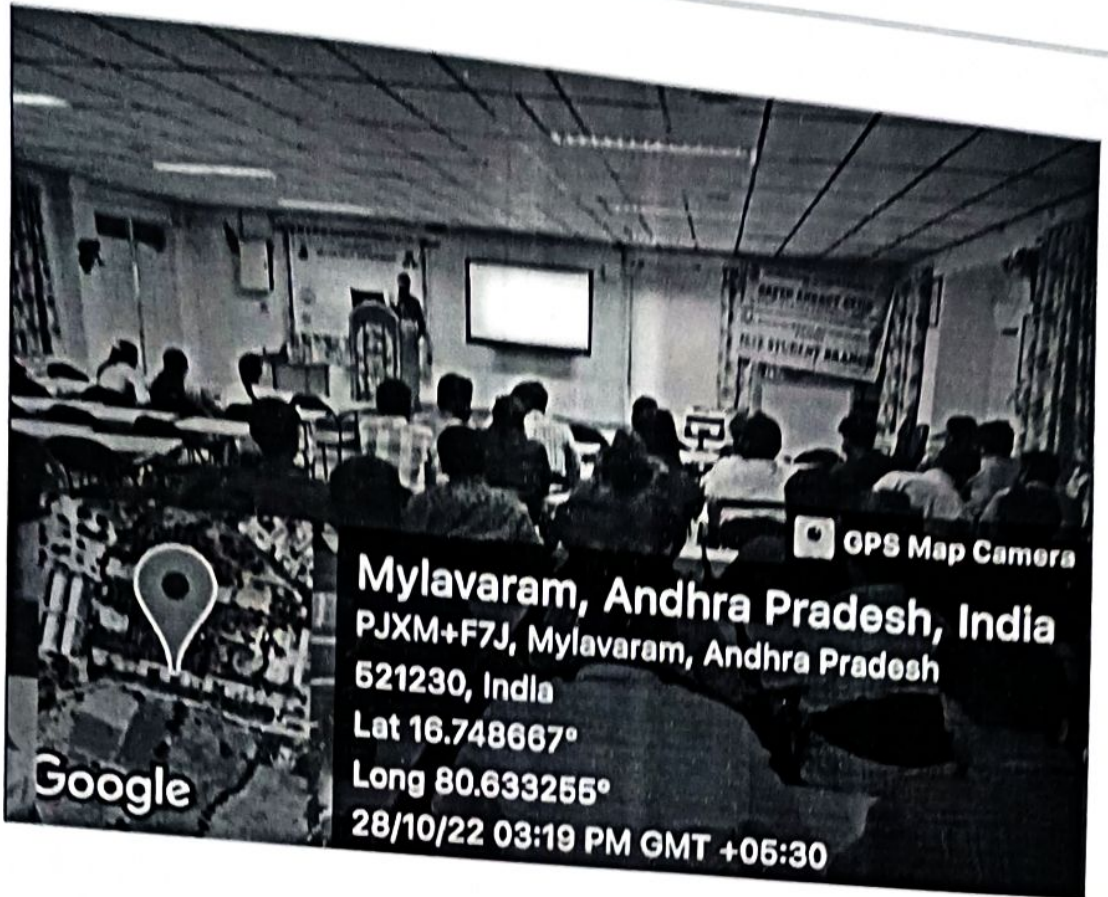
- Event Type : Guest Lecture by R&D Engineer, EMSYS Technologies, Coimbatore
- Event Date / Duration : 28-10-2022, 9.30 AM to 12.30PM
- Resource Person : Mr.M.Mathan Kumar,
- Names of Coordinator : Mrs.T.Nagadurga
- Target Audience : IV B.Tech Students of EEE Department.
- Total no of Participants : 120
- Objective of the event** : The objective of this guest lecture is to give overview of IOT technologies

Outcome of event

- Students got information regarding the technologies enable IOT, Life cycle of IOT, List of cloud providers, Design Converters and simulation of converter circuits using MATLAB software.
- Home Automation
- IOT Solar PV technologies

Description / Report on Event:

- Students interacted with the resource person and clarified their doubts regarding the application of IOT in electrical engineering applications.
- IOT based solar Maximum power point tracking
- Design of Boost converter circuit for boosting of voltage.
- Real time projects using IOT technologies



Lecture Delivering by Resource persons