

KL University

Department of Electrical & Electronics Engineering

Report

Resource person : MR. ALLA ADITHYA SAI SRI TEJA
Date : 07-02-2020
Event : Guest Lecture
Topic : **“NEW Trend of the Smart Grid Development”**
Time : 11.00 AM – 11.50 AM
Venue : JASMINE HALL C-BLOCK
Organized by : Dept. of EEE
Faculty In charge : Mr. M. SRIKANTH

Introduction to resource person:

Mr. Alla.Adithya Sai Sri Teja presently working in Capgemini, Associate Consultant, Hyderabad.

Event Description:

Guest Lecture is activity organized by Dept. of EEE of K L University on 07-02-2020 from 11.00 AM – 11.50 AM. The resource person is MR. ALLA ADITHYA SAI SRI TEJA presently working in Capgemini, Associate Consultant, Hyderabad. He delivered a lecture on **“NEW Trend of the Smart Grid Development”** for the III B-Tech (EEE) Students.

Session Activities:

The Lecture is scheduled in C-221B1, Department of Electrical & Electronics Engineering, K L Deemed to be University. Explained about the smart grid related to Electrical generation, transmission and distribution systems all over the world have entered a period of significant renewal and technological change. There have been phenomenal changes/deployments in technology of generation driven by the worldwide emphasis on energy from wind and solar as a sustainable solution to our energy need. Increasingly energy demand from heating and transportation will be met by electricity. So to accommodate changes in either end the transmission grid is required to operate in more responsive manner. This is the most credible

challenge in smart transmission grid operation today. The practice of centralised control has been challenged by communication network and security of large volume of data. The new form of demand has also challenged our traditional approach to demand modelling. Coupled with domestic scale storage and generation – the operation and control of distribution network requires innovation in modelling and control.



Mr D. Narasimha Rao welcomed the chief guest and the gathering, Dr S.V.N.L Lalitha, (HOD-EEE), delivered the presidential address. III B-Tech Students of EEE have actively participated in this session. Ms Priya is introduced the guest. At the end of the lecture students have thanked the guest for sharing such valuable information and have expressed their quires and got clarified from him.

Alumni In -Charge

HOD, EEE