

**Department of Electrical and Electronics Engineering**

**Report on Guest Lecture by Mr. S. Mahender Reddy,  
On  
"SMART GRID TECHNOLOGY AS A RENEWABLE ENERGY SOURCE"**

**Date: 14/09/2019.**


Nalla Narasimha Reddy Educational Society's Group of Institutions School of Engineering Department of Electrical & Electronics Engineering has organized a Guest Lecture on 13<sup>th</sup> September 2019. The Guest speaker was Mr. S. Mahender Reddy, Senior Executive. The guest has arrived at 10:00 am and was welcomed by **Dr.P.Ramesh HoD & Professor**, Department of EEE, and Mrs. K.Swathi, Asst. Professor & Guest lecture I/C, Department of EEE.

The lecture was attended by staff and Students about 90 members. Ms.G.Srivai, Assistant Professor, Department of EEE, introduced the speaker Mr. S. Mahender Reddy, Senior Executive – Trainings, 2e skills. He explained the definition and meaning of solar energy. He explained different methods of harnessing solar energy. He explained how to calculate load demand and according to that selection of inverter and battery capacities. He explained the present trends in the development of solar energy and opportunities in solar industries.



The lecture was concluded by vote of thanks by Mrs.G.Srivani, Asst. Professor, and Department of EEE. It was a very resourceful session and the students gave a very good feedback. It is good steps for students to ventilate their heart & came out from situation, after the lecture students have fresh mind they have got solution for their problems. Total 90 students were attended the lecture. Lecture was ended at 12.00 p.m. Every one left the hall with positive attitude towards life.

  
**Faculty Incharge**

  
**HoD**

## Department of Electrical and Electronics Engineering

Academic Year:2019-20

Semester:I

Activity: Guest Lecture


### Consolidated report and outcomes of the Guest lecture:

1. The guest lecture made the students to learn the basics of Solar Energy and what are the key factors that need to keep into account to select site for solar power plant like soil strength, wind flow, type of land etc.
2. The guest lecture was very informative, enthusiastic and interactive.

### Actions taken:

1. HoD advised the students to do projects based on the solar energy.

  
Faculty Incharge

  
HoD