



**NALLA NARASIMHA REDDY
EDUCATION SOCIETY'S GROUP OF INSTITUTIONS**

Approved by AICTE, New Delhi. Affiliated to JNTU - Hyderabad

SCHOOL OF ENGINEERING

Department of Electrical and Electronics Engineering

Report on Guest Lecture by Mr. M. Ram Reddy

On

"TRANSMISSION OF POWER IN DIESEL LOCOMOTIVE"

Nalla Narasimha Reddy Educational Society's Group of Institutions School of Engineering Department of Electrical & Electronics Engineering has organized a Guest Lecture on 22nd December 2015. The Guest speaker was **Mr. Ram Reddy, Rtd Senior Section Engineer from Indian Railways** The guest has arrived at 10.15 am and was welcomed by Mr. T.C. Subramanyam, HoD & Associate Professor, Department of EEE, Mr. The lecture was attended by staff and Students about 44 members. Mrs. M.Sujatha, HR, Assistant Professor, Department of EEE, introduced the speaker , **Mr. Mr. Ram Reddy, Rtd Senior Section Engineer from Indian Railways**

Firstly he has given the outline diagram of the diesel locomotive and explained all the components of it. Cranking of the Diesel Engine with the help of the Traction Generator is explained. The auxiliary equipment for the Diesel Engine is also discussed. The power equation of the DE is explained in terms of mechanical power. He explained the auxiliary machine for excitation and the main exciter for the DE. He has covered the various configurations of the Diesel Engine. All the sub components with neat diagrams were explained. Overall view and operation and working of DE are explained clearly.

The lecture was concluded by vote of thanks by Mrs. M.Sujatha, HR, Department of EEE. **Dr. G. Janardhana Raju**, Dean School of engineering, NNRG presented memento to the chief guest and addressed the gathering. It was a very resourceful session and the students gave a very good



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Department of Electrical and Electronics Engineering

Academic Year:2015-16

Semester:II


Activity: Guest Lecture


Consolidated report and outcomes of the Guest lecture:

1. The Guest lecture was informative and realistic.
2. Majority of the students gained knowledge on locomotives.
3. Students requested to have the practical session on working of locomotives.

Actions taken :

- 1.HoD has advised the incharge of Industriail Visit to plan for visit and create the opportunity to the students for the practical exposure.


Incharge


Head of the Department
Electrical & Electronics Engineering
Nalla Narsimha Reddy Education Society's
Group of Institution