Report on Guest Lecture by K.Vishwa Varma
On

ADVANCED POWER SYSTEMS PROTECTION.

Nalla Narasimha Reddy Educational Society's Group of Institutions School of Engineering Department of Electrical & Electronics Engineering had organised a Guest Lecture on 16th October 2014. The Guest speaker, Dr K.Vishwa Varma, Retired, AGM,B.H.E.L.The guest arrived at 10.00 am and he was welcomed by Mr. T.C. Subramanyam, HoD & Associate Professor, Department of EEE, Mr. G.Kalidas Babu Asst. Professor Department of EEE.

The guest was formally felicitated by Mr. T.C. Subramanyam, HoD & Associate Professor, Department of EEE with a floral Bouquet. The lecture was attended by staff and Students about 65 members. Mrs. K. Swathi, Assistant Professor, Department of EEE , introduced the speaker Dr K.Vishwa Varma, Retired, AGM,B.H.E.L.

In the lecture, he explained about the basics of power system, power flow and power system protection. The term 'Power system protection' is used to define the ability of the system to bring back its operation to steady state condition within a minimum possible time, after having undergone any transience or disturbance. From the 20th century till recent times, all major power generating stations across the globe have mainly relied on AC system as the most effective and economical option, for generation and transmission of electrical power. Power system protection is also referred to as 'synchronous working', and is defined as the ability of the system to return to synchronism after having undergone some disturbance due to switching on and off of load, or due to line transience. To understand stability well, another factor needs to be considered, and that is, the stability limit of the system. The stability limit defines the maximum power permissible to flow through a particular part of the system for which it is subjected to line disturbances or faulty flow of power.

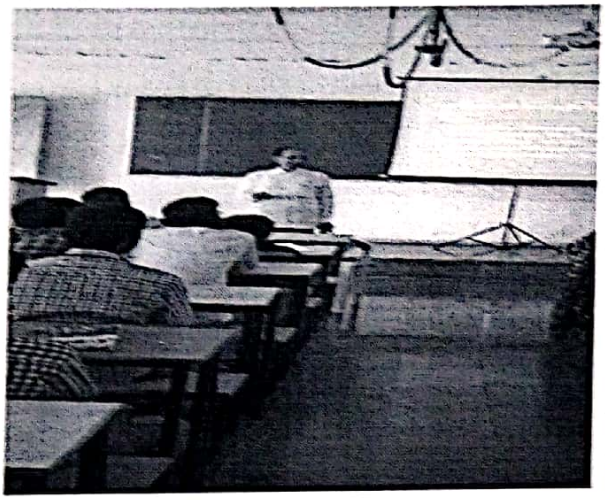
The lecture was concluded by vote of thanks by Mr. K.Swathi, Asst. Professor, and Department of EEE. **Dr. G. Janardhana Raju**, Dean School of engineering, NNRG presented

memento to the chief guest and addressed the gathering. It was a very resourceful session and the students gave a very good 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 50 students were attainted the lecture.

Lecture was ended at 12.30 p.m. Every one left the hall with positive attitude towards life.

PHOTOS:



Faculty Incharge

HoD

Head of the Department
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INTEGRATED CAMPUS

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Department of Electrical and Electronics Engineering

Academic Year:2014-15 **Semester:I**

Activity: Guest Lecture

Consolidated report and outcomes of the Guest lecture:

1.The guest lecture was very informative.

2. This lecture has enlighten the students with content beyond their syllabus, in the area of power system.

3. The students were able to enhance their knowledge about power system and its significance. Students gained knowledge on power system protection.

Incharge

HoD

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