

Department of Electrical and Electronics Engineering

**Report on Guest Lecture by Mr. P.V Pavan Kumar**

On

**ENERGY CONSERVATION**

**Date: 29.03.2018.**

Nalla Narasimha Reddy Educational Society's Group of Institutions School of Engineering Department of Electrical & Electronics Engineering has organized a Guest Lecture on 29<sup>th</sup> March 2018. The Guest speaker was **Mr. P.V Pavan Kumar**, Managing Director, Lohitha Power Pvt. Ltd, Hyderabad.

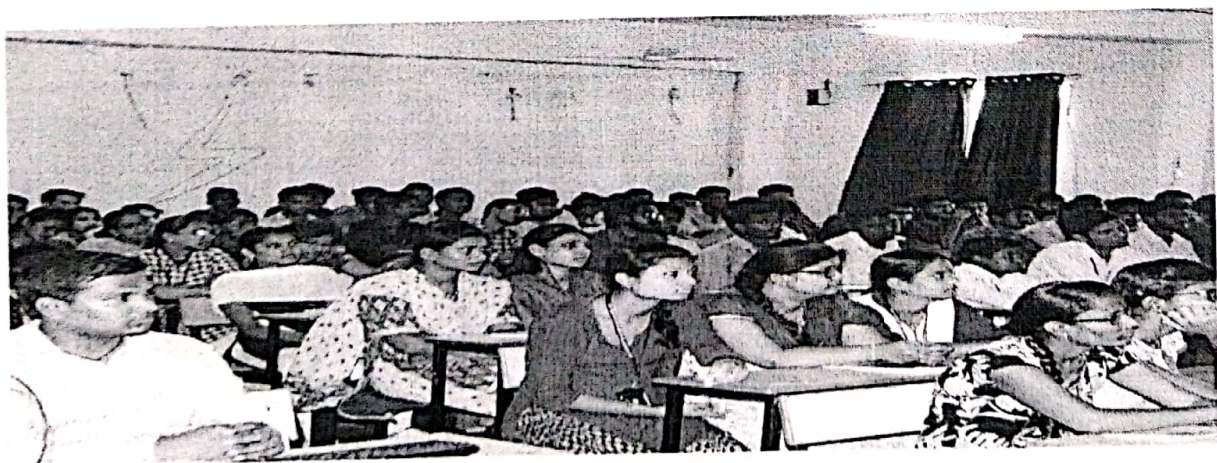
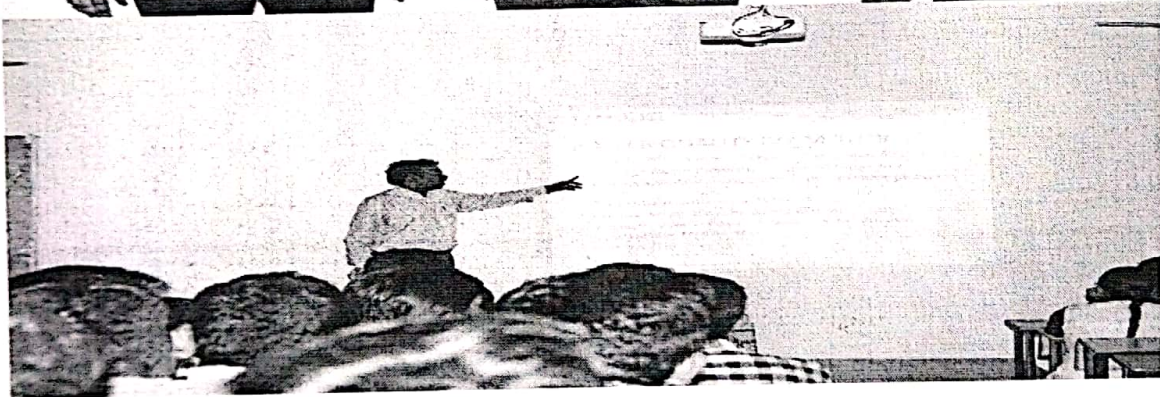
The guest has arrived at 10.15 am and was welcomed by **Dr. P. Ramesh, Professor & HoD**, Department of EEE, and Mr. D. Ramesh Babu, Asst. Professor, Department of EEE. The lecture was attended by staff and Students about 50 members. Dr. P. Ramesh, Professor & HoD, Department of EEE, introduced the speaker Mr. P.V Pavan Kumar, Managing Director, Lohitha Power Pvt. Ltd, Hyderabad. He explained the Energy Conservation Techniques. And explaining what energy is can be difficult. The physics definition says that energy is a currency that allows you to do work. Work is done when you apply a force over a distance, or transfer energy from one place to another. So, all that really says is that energy allows you to transfer it, and to do that, you apply a force.

He explained about examples of Energy Conservation and Perhaps it's easier to talk about what energy allows us to do. Energy in most human situations originates from the sun. Energy from the sun allows the plants to grow, and animals eat those plants to get energy for themselves. We humans eat both plants and animals to get our energy, but either way the energy originates in the sun. But even the sun isn't the start of the story, because the sun gets its energy from the nuclear energy stored inside hydrogen atoms, and those hydrogen atoms originate back to the Big Bang that started the universe. The story of energy never ends, because energy can never be used up - it is said to be 'conserved.' Conservation of energy is the principle that energy is not created or destroyed; it only moves from one place to another - from one type of energy to another. The food you burn in your body to give yourself energy gets transferred into other objects and into the rotation of the Earth itself when you move around, lift things, or ride a bicycle. It never disappears.

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

**PHOTOS:**



*Ramesh*  
Faculty Incharge

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



# NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

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## Department of Electrical and Electronics Engineering

Academic Year:2017-18


Semester:II

Activity: Guest Lecture

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

1. The guest lecture enlightened the students to utilize energy optimally and efficiently.
2. The guest lecture illustrated various scenarios of replacing conversional energy sources.
3. The guest lecture gave the knowledge regarding apply various energy conservation techniques in Transmission lines, Motors and generators etc.

  
Faculty Incharge

  
HoD  
Head of the Department  
Electrical & Electronics Engineering  
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Group of Institution