



## LBRCE IEEE Student Branch- STB64751 13<sup>th</sup> August 2025

### REPORT

#### Guest Lecture On “Global Warming- Climate Change Addressed by Energy Conservation”

Event Type	:	Guest Lecture
Topic	:	Global Warming- Climate Change addressed by Energy Conservation
Date / Duration	:	13-08-2025, 10.00 AM to 12.30 PM
Name of Coordinator	:	Mr. Nagalinga Chary, Mr.A.V. Ravi Kumar
Name of the Guest Speaker	:	Sri.T VV Siva Rama Kumar, Deputy Executive Engineer & Head (PAT & MSME), APSECM, Andhra Pradesh
Target Audience	:	2 <sup>nd</sup> Year B. Tech EEE Students, LBRCE
Total no of Participants	:	139

#### Objectives of the event:

- (i) To educate the students on the science of climate change and global warming.
- (ii) To Clarify the relationship between energy consumption and climate change.
- (iii) To explain the scientific basis of global warming and climate change.
- (iv) To emphasize the role of energy conservation as a solution.
- (v) To highlight the link between greenhouse gas emissions, fossil fuel use, and environmental impact.
- (vi) To encourage participation in energy-saving initiatives and advocacy for greener practices.
- (vii) To share actionable methods for energy conservation at individual, community, and industrial levels.
- (viii) To demonstrate how reducing energy consumption directly mitigates climate change.

#### Outcome of the Event:

The guest lecture on “*Global Warming – Climate Change Addressed by Energy Conservation*” enabled participants to develop a clear understanding of the causes and impacts of global warming, as well as the urgent need for collective climate action. Students recognized the direct link between energy consumption and greenhouse gas emissions, explored the role of renewable energy and efficient technologies, and learned practical strategies for conserving energy at individual, institutional, and community levels. The session empowered participants to evaluate sustainable solutions and motivated them to adopt energy-conscious habits, advocate for eco-friendly initiatives, and contribute actively to mitigating climate change.

#### Description / Report on Event:

**LBRCE IEEE Student Branch** of our college in association with Green Energy Club of EEE Department is conducted the Guest Lecture on “Global Warming- Climate Change addressed by Energy Conservation”. The guest lecture on “*Global Warming – Climate Change addressed by Energy Conservation*” aims to explore the pressing global challenge of climate change and the pivotal role that energy conservation plays in combating it. The session will provide participants with a clear understanding of the causes and consequences of global warming, supported by recent scientific findings and real-world examples. It will emphasize how excessive energy consumption, particularly from non-renewable sources, accelerates climate change, and how adopting energy-efficient practices can significantly reduce greenhouse gas emissions.

The lecture will also present practical strategies for conserving energy at individual, community, and industrial levels, highlight the importance of renewable energy, and discuss global and national initiatives addressing climate change. By the end of the session, attendees will be equipped with the knowledge, motivation, and actionable ideas to contribute towards a sustainable and climate-resilient future.

Photographs :



Mr. Nagalinga Chary  
Mr.A.V. Ravi Kumar  
**Coordinators**

Dr. J. Sivavara Prasad  
**IEEE Student Branch Counselor**

Dr.P. Sobha Rani  
**HOD**