



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

## DEPARTMENT OF CIVIL ENGINEERING

### REPORT ON

### ONLINE WEBINAR

### ON

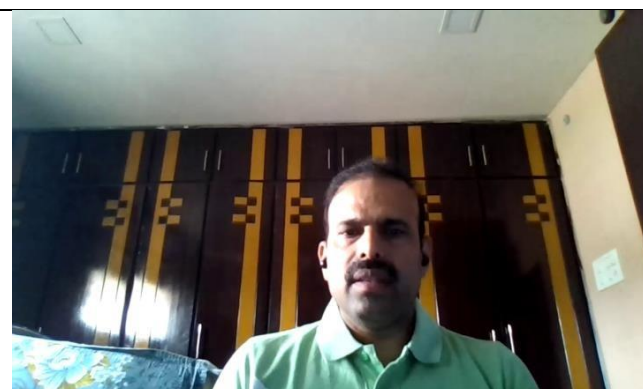
### “ECO FRIENDLY BUILDING TECHNOLOGIES AND MATERIALS: NEED OF THE HOUR”

Event Type	Webinar
Date / Duration	31-05-2020
Resource Team	<b>Dr. V. JAGADISH</b> , Associate Professor, Department of Civil Engineering, PVP Siddhartha Institute of Technology.
Name of Coordinator	P. Mohana Gangaraju
Target Audience	Faculty members of Civil, Research scholars and M.Tech students
Total no of Participants	117 ( Internal - 11, External – 106)
Objective of the event	The webinar is a real take on the future demands on the environment in improving the quality of construction to become an eco-friendly and techno-economic activity using low-energy consuming materials.
Outcome of event	The webinar will explore the opportunities and construction technologies available to reduce the environmental burden due to construction related activities in the coming decades.
Feedback / Suggestions	Faculty and research scholars gave positive feedback on the webinar and requested to conduct more webinars and FDPs.

Photographs :



HOD Dr. V. Ramakrishna addressing event



Resource person delivering Lecture.



Presentation of Resource Person



Presentation of Resource Person

Press Clippings: Nil

## REPORT

A one day webinar on “Eco Friendly Building Technologies and Materials: Need of the Hour” is organized in Civil Engineering Department on 31-05-2020 with **Dr. V. JAGADISH** Head, EDC Innovation & Incubation Centre and Associate Professor, Department of Civil Engineering, PVP Siddhartha Institute of Technology, Vijayawada, AP acting as Resource Person.

The challenges for Sustainable Development, need of eco-friendly construction measures, Energy concept in building material production and Thermal resistant construction are the main topics covered in this webinar. The Eco-friendly building materials, their relative advantages over conventional in terms of eco-friendliness, strength and durability criteria are discussed in detail with examples and supporting data. Resources conservation including demolition waste in construction practices is illustrated. Few case studies pertaining to Green building concept, Eco-friendly housing projects, Low cost construction approaches are discussed in detail to elaborate the concept in present context.