



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

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 GUEST LECTURE ON USAGE OF BAMBOO AS CONSTRUCTION MATERIAL

Event Type	Guest Lecture
Date / Duration	04-10-2017
Resource Person	Jagadish Vengala, Professor and HOD, BMS Institute of Technology and Management, Bangalore
Name of Coordinator	Sri B.Ramakrishna and Sri M. Satyanarayana
Target Audience	CIVIL B Tech 1 st and 2 nd students
Total no of Participants	110 (internal)
Objective of the event	To discuss the different types of Bamboo available, their properties, load carrying capacity, and how to use them in civil engineering construction
Outcome of event	Demonstrating Bamboo as a <ul style="list-style-type: none"> • Light, strong and versatile • Environment friendly • Accessible to the poor • Self renewing resource
Feedback / Suggestions	<ul style="list-style-type: none"> • To use Bamboo as a eco friendly construction materials • To know socio-economic benefits of bamboo as construction materials

Photographs



Dr Jagadish Vengala addressing the students



HOD civil Dr.V.Ramakrishna felicitating award to resource person

Press Clippings



Event article in Local newspaper

REPORT

A Guest lecture on Usage of Bamboo as Construction Material was organized in LBRCE by IE (I) Student Chapter of Civil Engineering Department on 4th October 2017 for the 1st and 2nd B.Tech Civil Engineering students. Dr Jagadish Vengala, Professor and HOD, BMS Institute of Technology and Management, Bangalore acted as Resource person. He discussed the different types of Bamboo available, their properties, load carrying capacity, and how to use them in civil engineering construction. He discussed the importance of cleaning and treating the bamboo before usage. He elaborated the strength properties of bamboo usage with and without conventional iron reinforcement in construction through case studies. He highlighted the increasing role of bamboo as a low cost construction material and inclusion of design parameters using bamboo in IS Codes. Exposure to this information will lead to increased experimental studies using bamboo as an alternate material by the students.