



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (A)

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada
Accredited by NAAC with 'A' Grade, NBA (CSE, IT, ECE, EEE & ME)



One Week Workshop on

“STRUCTURAL DESIGN AND ANALYSIS USING ETABS”



Venue : 3F02, CAAD Lab, 3rd Block



Dates & Duration : 03/08/2026 to 08/08/2026
9.00 am - 4.00 pm



Resource Person

Mr. S. Prasanna Kumar, M.D
Engineering CAD Training Center,
Vijayawada



Participants

4th Year Students,
LBRCE



Organised by

Department of Civil Engineering,
LBRCE

Faculty Coordinators

1. **Mr. K. Harish Kumar**
Sr. Asst. Prof., CED, LBRCE
2. **Mr. B. Rama Krishna**
Sr. Asst. Prof., CED, LBRCE



Convenor

Dr. K. V. Ramana
Head of the Department,
LBRCE



Enhancing Skills. Building Structures. Shaping Futures.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (A)

MYLAVARAM, ANDHRA PRADESH

One Week Hands-on Workshop on

STRUCTURAL DESIGN AND ANALYSIS USING ETABS®



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ABOUT CIVIL ENGINEERING DEPARTMENT, LBRCE

The Department of Civil Engineering was established in the year 2012, with B.Tech in Civil Engineering degree programme with an intake of 60 students. The department focuses on making the students strong in both technical and practical aspects to meet the national and international requirements. The department plans to establish interaction with industry for improving teaching research and consultancy aspects for continuous development of students, faculty and institution. It is a fast growing discipline in tune with high demands for infrastructure growth in particular due to current situation in the state of Andhra Pradesh. The department is well equipped with very good laboratory facilities for developing practical skills and fundamentals of students. The Department has several laboratories catering to the academic, research and consultancy requirements.

VISION



To make the students strong in both technical and practical aspects to meet the national and international requirements.

MISSION



1. To provide innovative approaches in teaching-learning process so as to bridge the gap between theory and practice and make the students suitable for meeting national and international requirements
2. To establish interaction between industry and institution for improvements in teaching research and consultancy aspects for continuous development of students, faculty and institution.
3. To guide the students for developing ethical and social values besides technical and professional skills leading to their all round development.

BUILD THE FUTURE. ANALYZE TODAY. DESIGN WITH ETABS.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

Phone: 08659-222933, Fax: 08659-222931

DEPARTMENT OF CIVIL ENGINEERING

Report on Six days workshop on “Structural Design and Analysis using ETABS”

Event Type	A Six days workshop on “Structural Design and Analysis using ETABS”
Date / Duration	03.08.2026 – 08.08.2026
Resource persons	Mr. S. Prasanna Kumar, M.D - Engineering CAD Training Center, Vijayawada
Name of the Coordinator	Sri K. Harish Kumar, Sr. Assistant Professor Sri B. Rama Krishna, Sr. Assistant Professor
Target Audience	B Tech IV year students
Total no of Participants	IV Years - 47
Objective of the event	Prepares the student to create a model, analyze & design any type of structure using ETABS software
Outcome of event	- Understanding of the fundamental concepts and principles of ETABS software - Ability to create and analyze structural models using ETABS - Familiarity with the various tools and features of ETABS, including load combinations, load cases, and load patterns.
Feedback / Suggestions	Received positive feedback from participants regarding events conducted and about organizing the event.

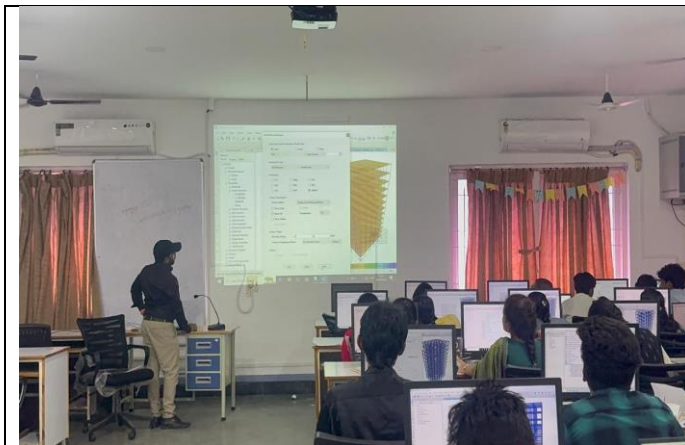
Photographs



Dr. K.V Ramana, Associate Professor & HOD,
Civil-LBRCE addressing the gathering



Mr. S. Prasanna Kumar, M.D - Engineering CAD
Training Center delivering the Lecture



Training session -1



Training session -2



Training session-3



Training session -4



Training session -5



Training session -6



Training session -7



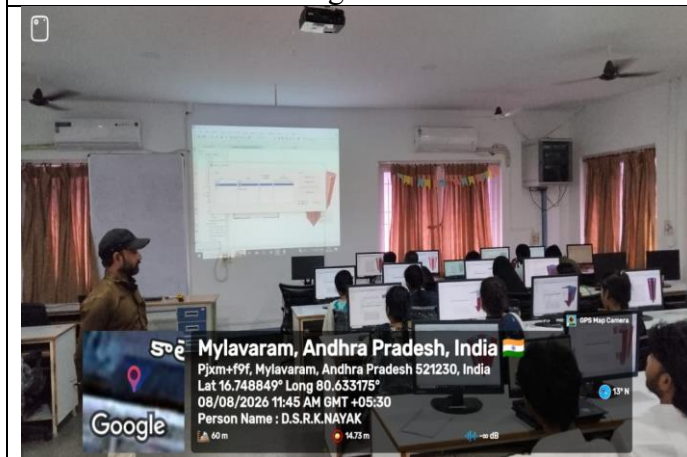
Training session -8



Training session -9



Training session -10



Training session -11



Training session -12



Students' participation certification distribution by
Dr. K. V Ramana, HOD-Civil, LBRCE and
Mr. S. Prasanna Kumar, MD-ECTC



Felicitation of the Resource Person by
Dr. K. V Ramana, HOD-Civil, LBRCE

REPORT

The Department of Civil Engineering organized workshop on “Structural Design and Analysis using **ETABS**” in association with Engineering CAD Training Centre, Vijayawada. The workshop was conducted for Final year students, Civil Engineering for 06 days in CAAD lab, III Block. Workshop was scheduled on 03rd to 08th August, 2026. The workshop begins with open remark by HOD – Civil Dr. K. V Ramana and Professor Dr. J. Venkateswara Rao of LBRCE in the presence of resource person Mr. S. Prasanna Kumar, M.D - Engineering CAD Training Centre, Vijayawada and Dr. V. Ramakrishna, Professor, Civil Engineering, LBRCE. During the Workshop they emphasized on the Basics of Structural Analysis and Designing using ETABS software covering Geometric modelling of structures, loading on structures, Analysis and designing, and wind load, seismic load designing. They also presented special project which has been used for industry. Exposure to E-Tabs software will help the modern civil engineer to satisfy the customer needs and producing better quality output among the options available in short duration. Meanwhile, the exposure to the software tools will also enhance better job prospects. Total 47 students and 02 faculty got the benefit from the workshop which will definitely enhance the basics and practical knowledge of the related course (Structural Engineering, DSS and DRCS) also it is acting as a bridging between the academic and industrial gap.

Vote of thanks is given by Dr. K. V Ramana, Associate Professor & HOD, Civil Engineering, LBRCE. The feedback of the participants was very encouraging and we would like to conduct such programs in future.