



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. Reddy Nagar, Mylavaram-521230. A.P, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

NAAC Accredited New Delhi & Certified by ISO 9001:2015

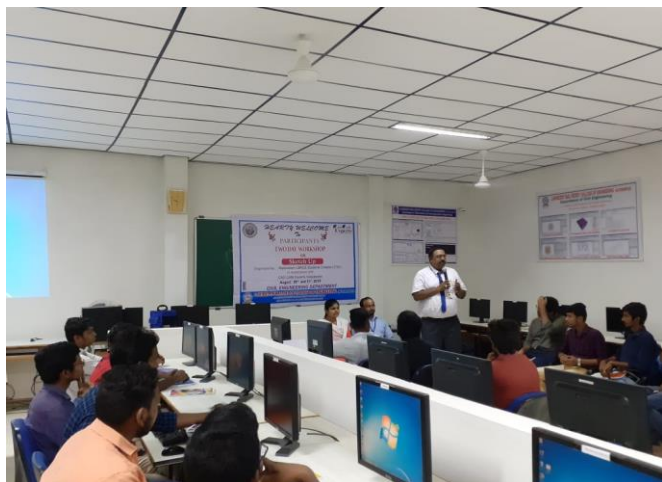
### DEPARTMENT OF CIVIL ENGINEERING

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## REPORT ON

### TWO-DAY WORKSHOP on SKETCHUP- PRO

Event Type	Workshop
Date / Duration	30-08-19 to 31-08-19
Resource Team	CAD CAM Experts, Vijayawada
Name of Coordinator	Y. Laxmi Veena Kesav
Target Audience	B.Tech Civil II Year Students.
Total no of Participants	57 (internal)
Objective of the event	<b>SketchUp</b> is a 3D modeling computer program for a wide range of drawing applications such as architectural, interior design, landscape architecture
Outcome of event	<ul style="list-style-type: none"> <li>Understand the concept and techniques to draw different sections.</li> <li>Representing the geometry - material, sections, landscape, solids tools.</li> <li>To use constraint for planning and interior designing.</li> </ul>
Feedback / Suggestions	Students gave positive feedback on the workshop and requested to conduct more workshops like certified courses



HOD Dr.V.Rama Krishna addressing the importance of design and planning of structures.



Manager of CAD CAM Experts, S. Prasanna Kumar introducing sketch up software to students.



Resource person interacting with students



Participants getting certificates from resource person and HOD  
Dr.V.Rama Krishna

## REPORT

A 2 – day workshop on Sketch up Pro Software was organized for 2<sup>nd</sup> yr B.Tech civil Engineering Students in LBRCE by IE (I) Student Chapter of Civil Engineering Department during 30-31 August 2019 in association with CAD CAM Experts, Vijayawada. Sri Prasanna Kumar, Manager of CAD CAM Experts, led a 2 member team for the workshop. This workshop is organized as a part of department's objective of introducing latest software available to the civil engineering students.

The resource team introduced all the basic design as well as planning software which are practiced inside civil field. He elaborately explained all the tools and fundamental concepts of sketch up software. Student got exposed to landscape designing, interior and exterior design of sample plan by using warehouse and sandbox tools of sketch up. This software is useful for modern civil engineers to satisfy the customer needs and producing better quality output of planning in short duration and it also enhances chance for getting better job.

The students are given hands-on experience with the software by working on several examples. At the end of the workshop, buildings are designed by students by applying different loading conditions.