



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY, BHIMAVARAM
DEPARTMENT OF CIVIL ENGINEERING

Date: 21-9-2023

CIRCULAR

This is informing to all the faculty members and students that Department of Civil Engineering is going to conduct a certificate course on "SKETCH UP SOFTWARE" from 21-09-2023 to 27-9-2023. This will be good knowledge sharing platform for students. All the staff and students are advised to attend the program without fail.

H. Aravind Kumar
PRINCIPAL

PRINCIPAL

D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

To be read in all the CIVIL Class Rooms.

Copy to:

Departments	Signature	Departments	Signature
Secretary & Correspondent	<i>[Signature]</i>	CSE	<i>E. Aravind Kumar</i>
Dean Academics(IQAC)	<i>[Signature]</i>	ECE	<i>Ramane</i>
Dean Administration	<i>V. Swathi Sri</i>	EEE	<i>[Signature]</i>
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H. Aravind Kumar
Co-ordinator

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D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada & Accredited with NAAC A++ Grade)

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Report on One-Week Training Program on SketchUp Software

Duration: September 23 - September 29, 2024

Venue: Civil Engineering Department, [College Name]

Organized by: Department of Civil Engineering

Objective:

The primary goal of the one-week training program was to introduce students and faculty to SketchUp, a powerful 3D modeling software extensively used in architecture, civil engineering, and design fields. The program focused on developing practical skills that can be applied to real-world engineering projects.

Program Highlights:

The training consisted of both theoretical sessions and hands-on practice, helping participants grasp the fundamentals of 3D modeling and advanced features of SketchUp. Key topics covered during the week were:

- Day 1: Overview of SketchUp, software setup, and user interface navigation
- Day 2: Basic drawing tools, creating 2D plans, and transforming them into 3D models
- Day 3: Editing models, applying materials, and understanding textures
- Day 4: Advanced modeling techniques: groups, components, and complex structures
- Day 5: Introduction to rendering and lighting effects for realistic models
- Day 6: Practical design project – Model a small building
- Day 7: Review, troubleshooting, and presentation of participants' models

Learning Outcomes:

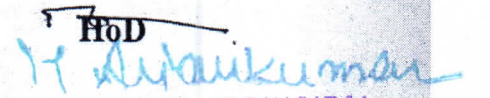
Participants acquired hands-on experience in:

- Creating accurate 3D models for civil engineering projects.
- Applying various textures and materials to their designs.
- Enhancing model presentation through rendering techniques.

Conclusion:

The training program was highly appreciated by both students and faculty members, who found it valuable for their academic and professional work. The hands-on approach and real-time projects helped attendees develop a solid understanding of SketchUp's applications in civil engineering.


Coordinator


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