NARSIMHA REDDY
ENGINEERING COLLEGE
An Autonomous Institution| Affiliated to JNTUH | Approved by AICTE
Accredited by NBA & NAAC with 'A' Grade

REPORT

On

"60Hours Training on AutoCAD"

From

26.03.2026

To

20.04.2026

Organized By

Department of Mechanical Engineering

NARSIMHA REDDY ENGINEERING COLLEGE (Hyderabad)
(Autonomous)

Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad – 500 100.
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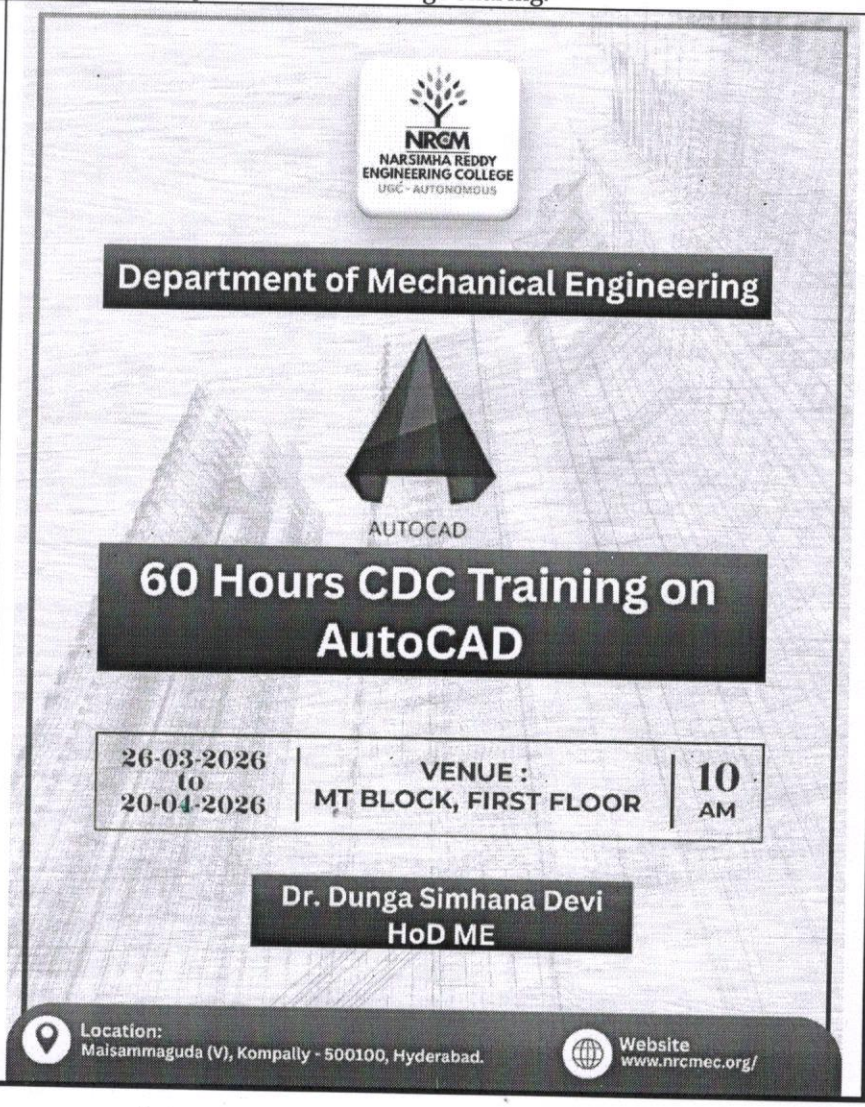
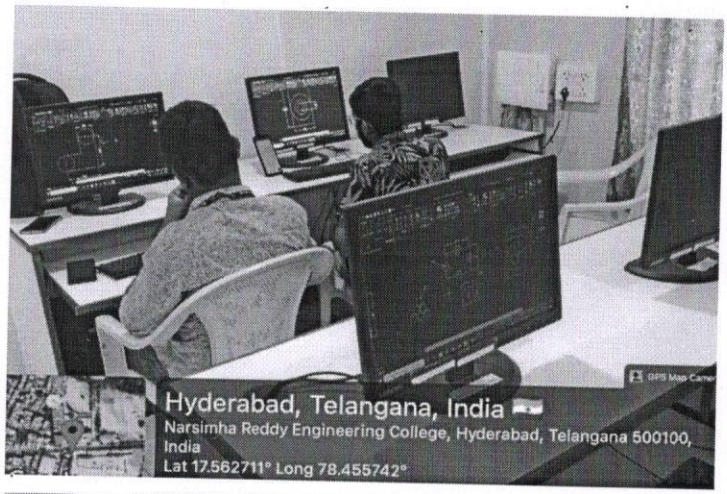
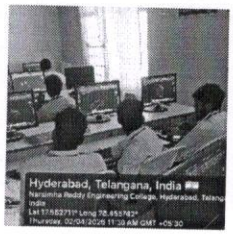
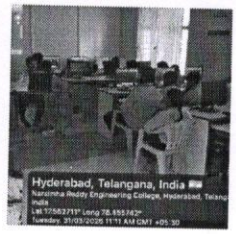
Title of The Event	60Hours Training on AutoCAD
Resource Person	Mr. Sohail Ahmed
Event Coordinator Details	Dr. D.Simhana Devi HoD ME Department Narsimha Reddy Engineering College (Autonomous) Secunderabad, Telangana State, India- 500100.
Program Type*	CDC Training
Start Date : **End Date :** **Duration of the activity :**	26-03-2026 20-04-2026 60 Hours
Mode of Session	Offline
Number of Faculty Participants *	2
Number of Students Participants	30
Objective of The Event	• The primary objective of the 60-hour CDC training program on AutoCAD was to equip participants with fundamental and advanced skills in computer-aided design and drafting. The training aimed to provide a comprehensive understanding of AutoCAD tools, commands, and techniques used in creating precise 2D and basic 3D drawings. • Another key objective was to enhance the participants' ability to interpret engineering drawings and translate conceptual ideas into technical designs using AutoCAD software. The program also focused on improving productivity, accuracy, and efficiency in drafting work through hands-on practice sessions. • Additionally, the training intended to prepare participants for real-world applications in fields such as engineering, architecture, and design by developing problem-solving skills and familiarity with industry standards. It also aimed to boost confidence in using digital design tools for academic and professional purposes.
Outcome workshop/ Benefit in terms of learning/Skill/Knowledge obtained	**Outcomes of the Seminar** After attending the seminar, students were able to: 1. Developed strong understanding of basic and advanced AutoCAD commands 2. Gained skills in creating accurate and professional 2D drawings 3. Learned drafting principles, dimensioning, and annotation techniques 4. Improved speed, accuracy, and efficiency in design work 5. Gained basic knowledge of 3D modeling and visualization 6. Built confidence in using AutoCAD for academic and professional purposes

Brief Report:	• The 60-hour CDC training program on AutoCAD was conducted with the aim of providing participants with essential knowledge and practical skills in computer-aided design and drafting. The training covered a wide range of topics, including basic drawing commands, editing tools, dimensioning, layer management, and an introduction to 3D modeling. • The program was structured to include both theoretical explanations and hands-on practice sessions, allowing participants to apply their learning in real-time. Through continuous exercises and assignments, participants developed the ability to create accurate and professional technical drawings. • The training proved to be highly beneficial, as it enhanced the participants' understanding of design concepts and improved their efficiency in using AutoCAD software. By the end of the program, participants gained confidence and were able to handle drafting tasks more effectively, making them better prepared for academic projects and future career opportunities in engineering and design fields. • Overall, the workshop was successful in achieving its objectives and provided valuable learning experience to all participants. • **Mapping to Program Outcomes (POs):** • The 60-hour CDC training on AutoCAD contributes to the following Program Outcomes: • **PO1 – Engineering Knowledge:** Applied fundamental engineering and drafting knowledge to create accurate technical drawings using AutoCAD. • **PO2 – Problem Analysis:** Developed the ability to analyze design requirements and solve drafting-related problems effectively. • **PO3 – Design/Development of Solutions:** Enhanced skills in designing and developing 2D drawings and basic 3D models as per given specifications. • **PO5 – Modern Tool Usage:** Gained proficiency in using AutoCAD as a modern engineering tool for drafting and design purposes. • **PO9 – Individual and Team Work:** Improved ability to work individually and collaboratively during practical sessions and assignments. • **PO12 – Life-long Learning:** Encouraged continuous learning and adaptation to new design tools and technologies in the engineering field. **Mapping to Sustainable Development Goals (SDGs):** • **SDG 4 – Quality Education:** Enhances technical knowledge and practical skills in design and drafting, promoting inclusive and

	quality education. • **SDG 8 – Decent Work and Economic Growth:** Improves employability by equipping participants with industry-relevant skills in AutoCAD. • **SDG 9 – Industry, Innovation, and Infrastructure:** Supports innovation and development by training students in modern design tools used in engineering and infrastructure projects. • **SDG 11 – Sustainable Cities and Communities:** Contributes to better planning and design of buildings and infrastructure through accurate drafting and modeling skills. • **SDG 17 – Partnerships for the Goals:** Encourages collaboration between institutions and training providers for skill development and knowledge sharing.
Poster/ Brochure of the Event	

Event Photograph	   

Coordinator

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*******~End of the Report~*******