



PRAKASAM
ENGINEERING COLLEGE

Department of CIVIL

Summary Sheet of Value added Courses Conducted

ACADEMIC YEAR 2023-24

S. No	Name of the Event	Type of the Event	Course Code	Number of Hours	Number of Students Enrolled
1	BASICS IN AUTOCAD.	Value added course	2023-24/PEC/CIVIL/VAC08	30 Hrs	83



Approved by AICTE, New Delhi | Affiliated to JNTU - Kakinada

O.V. Road, KANDUKUR - 523 105.
PRAKASAM (Dist.), AP. INDIA.
T : 08598 222288, 221200, F : 08598 221300
E : pec@prakasamec.com
W : www.prakasamec.com



PRAKASAM
ENGINEERING COLLEGE

Value added course			
Document ID:	2023-24/PEC/CIVIL/VAC08	Document Name:	Report

Course Summary Report

Virtual value added-courses in “VAC08- BASICS IN AUTOCAD.” were organized by the Department of Civil engineering at prakasam engineering college from September 18 to September 23, 2023. The total period of course is 30 hours. Totally, 83 students have enrolled of this course and participated during the course. The institutes Principal, Dr. CH RAVI KUMAR appreciated the Departments efforts and congratulated the student for participating. Thanks to entire faculty and co-coordinator, the event was success

Students in the course obtained the following outcomes:

- To finish a project starting right from project planning, Scheduling, Allocating resources and monitoring and control.
- Ability to use the various Accessories instruments and known its application and limitation



Approved by AICTE, New Delhi | Affiliated to JNTU - Kakinada



O.V. Road, KANDUKUR - 523 105.
PRAKASAM (Dist.), AP, INDIA.
T : 08598 222288, 221200, F : 08598 221300
E : pec@prakasamec.com
W : www.prakasamec.com

CHIEF PATRON
Dr.K.Ramaiah
Secretary & Correspondant
Prakasam Engineering college Kandukur

PATRON
Dr.CH RAVI KUMAR M.Tech., Ph.D.
Principal
Prakasam Engineering college Kandukur

CONVENER
Mr.Dr R.V.S. RAGHAVA SARMA M.Tech., (Ph.D)
Head of Department
Department of CIVIL Engineering
Prakasam Engineering college Kandukur

Co-Ordinator
Ms V.SRINU M.Tech.
Assistant Professor



PRAKASAM
ENGINEERING COLLEGE
Value Added Course



on
VAC08- BASICS in AUTOCAD
18-09-2023 to 23-09-2013

Organized by
CIVILEngineering.



venue:B3/F2/9/SKILL LAB-1

For any details, please contact
Course in-charge
Ms V.SRINU
Assistant Professor
8106849045

COURSE OBJECTIVES

AutoCAD is needed in industry to increase the productivity of the designer and draft man so that drawing and designing work is accomplished in less time and the drawing are more realistic. It is therefore necessary for the technical teachers to know the features of AutoCAD very frequently used in industry

COURSE OUTCOMES (COS)

At the end of the course students can able to

- Utilize the power and precision of AutoCAD as a drafting and design tool used in the mechanical design and manufacturing industries.
- Apply basic CAD concepts to develop and construct accurate 2D geometry through creation of basic geometric constructions.
- Create, manipulate and edit 2D drawings and figures.

EMENANT SPEAKER

K MADHAVA M Tech
Product Designer
HBIC Solutions

CONTENT

#Getting Started with AutoCAD

- Starting AutoCAD, AutoCAD's Screen Layout, AutoCAD's Screen Layout, Working with Commands
- Opening an Existing Drawing File, Saving Your Work, AutoCAD's Toolbars

Basic Drawing & Editing Commands

- Drawing Lines, Erasing Objects, Drawing Lines with Polar Tracking, Drawing Rectangles

- Drawing Circles, + Viewing Your Drawing, Undoing and Redoing Actions

Making Your Drawings More Precise

#Drawing Precision in AutoCAD

- Using Object Snap, Object Snap Overrides, Polar Tracking Settings, Object Snap Tracking

Drawing with SNAP and GRID, Functional Key F1 to F12

#Making Changes in Your Drawing

- Selecting Objects for Editing, Moving Objects, Copying Objects, Rotating Objects

3. Drawing Organization and Information, # Organizing Your Drawing with Layers

- Changing Creating New Drawings With Templates, What are Layers?, Layer State

- an Object's Layer, Creating LAS file with Import & Export

- # Advanced Object Types Arcs, Drawing Polylines, Editing Polylines, Drawing

