

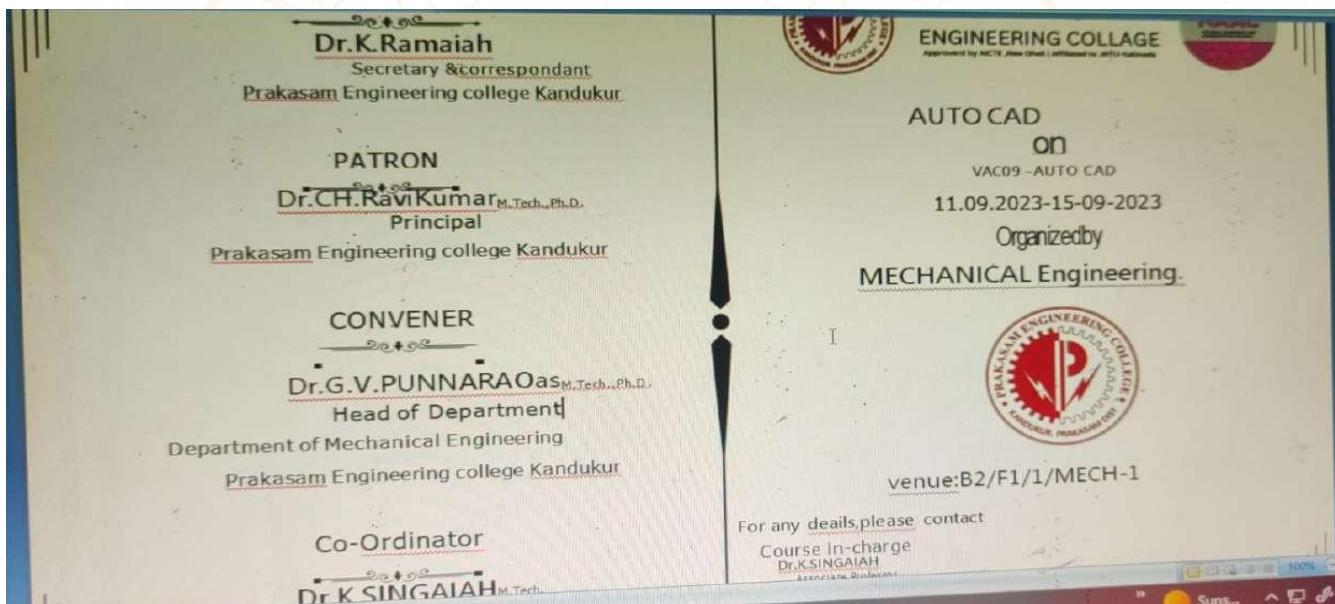


DEPARTMENT OF MECHANICAL ENGINEERING

Summary sheet of add on course conducted academic year :: (2023-24)

S.No	Name of the event	Type of the event	Resource person details	Number of participants	Date
11	Introduction to Auto CAD	add on course	K.MADAVA	51	11-09-2023 to 15-09-2023

1. Introduction to Auto CAD



COURSE OBJECTIVES

Upon completion of the course students will be 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.

COURSE OUTCOMES (COS)

At the end of the course, students can able to Identify system and application security threats and vulnerabilities Ability to resolve the security threats and vulnerabilities

EMINENT SPEAKER
Mr. K. MADAVA

CONTENT

- AutoCAD versions Interface
- Function keys AutoCAD basics
- ABSOLUTE COORDINATE SYSTEM RELATIVE COORDINATE SYSTEM
- Line command Poly line command Rectangle command
- Move, Rotate, Scale, copy, Mirror, erase, trim, extend ➤ Frames and frame sets
- Linear, Aligned, Radius, Angular, Arc length
- Single line text Multiline text Layer properties Insert blocks
- Isometric top, left, right Isometric diagrams
- Drawing Area Setup Visual reference
- floor plan detached house semi detached house
- residential house public buildings
- 1st floor 2nd floor elevation door elevation windows
- AutoCAD workspaces are sets of menus



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