

## Value added course

Course details:

Name of the course:- AutoCAD

Course offered to- B. Tech (ME)

Course coordinator:-

Course Code- AutoCAD

course Duration -60 Hrs

### OBJECTIVE

The entire objective of the 60 hours of this program is to develop the basics of the students in designing and analysis of various mechanical system and to get the knowledge of drafting the mechanical components and develop the geometry of the mechanical systems.

### Overview

Engineering drawing is the common language of the engineers across globe. It provides the required knowledge and process of creating for any engineering application. Autocad drawn and logical way following the standards and formats help an efficient way to communicate the design information. it describes specific component in a way that the viewer of the drawing understands without misinterpretation.


### Why take this course

- To develop basic skills related engineering drawing.
- To give more insight to the geometrical perspective of mechanical systems.
- To solve design related problems more efficiently.
- To meet the industrial skill demands and ready with the added skill in design field.

### What you will learn in this course:

- Common methodologies of design the mechanical components.
- Knowledge of basic design tool.
- Basic understanding of geometry of the mechanical system.


  
Anil K. Mehta  
Department of Mechanical Engineering  
Invertis University  
Bareilly-243123, U.P

  
Dean  
Department of Engineering & Technology  
Invertis University  
Bareilly-243123, UP

  
Registrar  
Invertis University  
Bareilly

### Course outline

	Topic	No. of hours allocated
Module 1	Introduction to engineering drawing and AutoCAD	8
Module 2	Drafting basic geometry shapes in AutoCAD	10
Module 3	Advanced drafting tools	7
Module 4	Layer management	8
Module 5	Hatching and annotations	6
Module 6	Application of blocks and external references	6
Module 7	Layout, plot and publish	8
Module 8	Project work	7

  
Head  
Department of Mechanical Engineering  
Invertis University,  
Bareilly-243123, UP

  
Dean  
of Mechanical & Technology  
Invertis University  
Bareilly-243123, UP

  
Registrar  
Invertis University,  
Bareilly

## Department of Mechanical Engineering

20Aug 2021

### CIRCULAR

#### VALUE ADDED COURSE (Auto CAD in Mechanical Engineering) B. Tech. ME


Students of B. Tech. (ME) all years are hereby informed that value added course "Auto CAD in Mechanical Engineering" is scheduled from 1 September 2021 in your respective classroom, Academic Block-II.

#### Schedule:


- Time Slot: 03:00 PM to 05:00 PM
- Key Speaker: Mrs. Ritu Gupta
- Duration: 2 hrs

#### Program Overview:

The objective of the program is to introduce the basic concept of Auto CAD and its applications, challenges and its importance, to enable the students how to approach for solving the engineering problems using Auto CAD simulation.

  
Head  
Department of Engineering & Technology  
Invertis University  
Bareilly-243123, UP

  
Invertis University  
Bareilly

  
Mr. Anuj Kumar  
Head  
Department of Mechanical Engineering  
(HOD)  
Invertis University  
Bareilly-243123, UP



**VALUE ADDED COURSE**  
**(AutoCAD for Mechanical**  
**Engineering)**

**INVERTIS**  
UNIVERSITY BAREILLY



**HOD:**

**MR. Anuj Kumar** *Anuj* Head  
Department of Mechanical Engineering  
Invertis University  
Bareilly-243123, UP

**Program: -B. TECH.**



**03:00 PM TO 05:00 PM**



**1 February 2022 - 31**  
**March 2022**

*Pragati*  
Registrar  
Invertis University  
Bareilly

**KEY SPEAKER :**  
**Mrs. Ritu Gupta**

*Ritu* Head  
Faculty of Engineering & Technology  
Invertis University  
Bareilly-243123, UP

# \* VALUE ADDED COURSE (AutoCAD Mechanical Engineering).



## PROGRAM OVERVIEW:

The objective of this course is to make the students aware and to learn how AutoCAD software really works. They have got the opportunity to gain and developed their technical skills by the learning of AUTOCAD and its various features and commands.

Dean  
Faculty of Engineering & Technology  
Invertis University  
Bareilly-243123, UP

Head  
Department of Mechanical Engineering  
Invertis University  
Bareilly-243123, UP