

## Value Added Course

### Syllabus of AutoCAD for Electrical and Electronics Engineering

Course Offered to:-B.Tech. (EE/ECE)

Course Duration:-36 Hr.

#### Introduction to AutoCAD

AutoCAD is computer-aided design software that is used to create, modify, analyse and optimise a design. Students will learn that this software is used by architects, engineers, and for the construction purpose of generating 2D and 3D designs.

Some other parts of the syllabus are:

- Understanding the application of 4 different AutoCAD
- Installing the application on the computer
- Learning about the user interface of AutoCAD, such as panels, ribbon, model space, etc.
- Understanding the setup tips of AutoCAD.
- Types and structures of drawings in AutoCAD
- Learning basic drawing tools

#### Draw commands

In this subject, students will learn about the objects used for drawing purposes, such as lines, polylines, constructed lines, polygons, rectangles, circles, arcs, ellipses, etc. These toolbars are used to create 2-dimensional drawings.

Some other parts of the syllabus are:

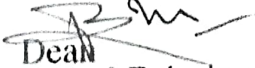
- Understanding the concept of drawing a toolbar
- Learning about line command, polyline command, and circle command
- Understanding the concept of other commands
- Arc command
- Text and rectangle command

#### Cartesian coordinate system


Students will learn about the cartesian coordinate system. This system is defined with the help of a pair of perpendicular lines, a single unit of length for both axes, and an orientation for each axis. It is also called a rectangular coordinate system and an orthogonal coordinate system.

Some other parts of the syllabus are:

- Developing different designs
- Methods of developing title block
- Setting up attributes
- Set up layers of industry standards
- Development of plans and elevations

  
Dean  
Faculty of Engineering & Technology  
Invertis University  
Bareilly-243123 IND

  
Head  
Department of ECE/EE  
Invertis University  
Bareilly-243123, UP

  
Registrar  
Invertis University  
Bareilly

### Modify commands

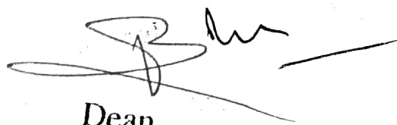
The commands are used for passing information to the initial point of the task; the information is only communicated between running programs. There are many restrictions attached to modifying commands.

Some other parts of the syllabus are:

- Use of erase commands
- Selection of multiple objects
- Move and copy command
- The distance method
- The two points method
- Trim and extend

### Electrical drawings


A diagram that shows the actual electrical connections is called an electrical drawing or a circuit diagram. There are mainly four types of electrical diagrams students will learn such as schematic diagrams, wiring diagrams, block diagrams, and pictorial diagrams.



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



Head  
Department of ECE/EE  
Invertis University  
Bareilly-243123, UP



Registrar  
Invertis University  
Bareilly

## Department of Electrical Engineering

01 Feb 2022

### CIRCULAR

#### VALUE ADDED COURSE (AutoCAD for Electrical and Electronics Engineering) - B.Tech. EE/EC

Students of B.Tech. (EE/EC) all years are hereby informed that value added course "AutoCAD for Electrical and Electronics Engineering" is scheduled from 15 February 2022 in your respective classroom, Academic Block-II.

#### Schedule:

- Time Slot: 03:00 PM to 05:00 PM
- Key Speaker: Dr. M P Sharma
- Duration: 2 hrs

#### Program Overview:

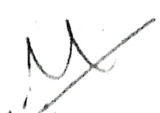
The objective of this course is to make the students aware and to learn how AutoCAD software really works. They have got the opportunity to gain and developed their technical skills by the learning of AUTOCAD and its various features and commands.



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



Registration  
Invertis University  
Bareilly



Mr. Mon Prakash, Head  
Department of ECE/EE  
Invertis University  
Bareilly-243123, UP

# VALUE ADDED COURSE (AutoCAD for Electrical and Electronics Engineering)

**INVERTIS**  
UNIVERSITY BAREILLY



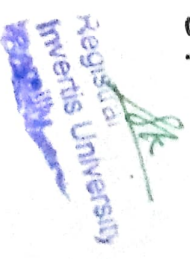
Program:-B. TECH.



03:00 PM TO 05:00 PM



15 February 2022 - 31  
March 2022



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

KEY SPEAKER :  
Dr. M P Sharma.

HOD:  
A.P. ANON DPAKASH INDIRA

Department of ECE/EE  
Invertis University  
Bareilly-243123, UP

**\* VALUE ADDED COURSE  
(AutocAD Electrical and Electronics  
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.

Head  
Department of ECE/EE  
Inveris University  
Bareilly-243123, UP

*[Signature]*


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

*[Signature]*


S.NO	Roll No.	Name of Student	COURSE	15-Feb-22	16-Feb	17-Feb	18-Feb	21-Feb	22-Feb	23-Feb	24-Feb	27-Feb	28-Mar	29-Mar	30-Mar	31-Mar
1	1940305901	NADEM AHMAD	B.TECH													
2	1940305902	TRIPENDRA YADAV	B.TECH													
3	1940305903	PAWAN PRATAP SINGH	B.TECH													
4	1940305904	SYED SAAD ALI	B.TECH													
5	1940305905	ANAND SHARMA	B.TECH													
6	1940305906	VICKY TYAGI	B.TECH													
7	1940305907	RITENDRA SINGH	B.TECH													
8	1940305911	YASHIKA TIWARI	B.TECH													
9	1810305901	MANMOHAN MISHRA	B.TECH													
10	1810305902	SAFAL	B.TECH													
11	1810305904	NEHA JAISWAL	B.TECH													
12	1810305906	SWATI DWIVEDI	B.TECH													
13	1810305905	AISHWARYA SINGH	B.TECH													
14	1810306002	ANUSH KUMAR SAXENA	B.TECH													
15	1810306001	SCYASH GOR R	B.TECH													
16	LBEE2020001	DAKSH LODHI	B.TECH													
17	LBEE3030002	SAVITA	B.TECH													
18	LBEE3020003	NIKETAN SAGAR	B.TECH													
19	LBEE3021001	TARUN SHARMA	B.TECH													
20	DEE2019902	PREKHAR SINGH PRADHAN	B.TECH													
21	LBEE3019906	GIRISH MAURYA	B.TECH													
22	BE20200001	KARAN SINGH	B.TECH													
23	LBEE3021002	SHASHANK	B.TECH													
24	LBEE2021004	HIMANSHU SHARMA	B.TECH													
25	LBEE2021006	MIRADUL SINGH	B.TECH													
26	LBEE3021007	FAUJAN KHAN	B.TECH													
27	BE2021001	SYED AZAM ALI	B.TECH													
		TOTAL		21	23	21	25	21	22	24	25	20	23	22	22	24



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



Registrar  
Invertis University  
Bareilly



Head of ECE/EE  
Department of Engineering  
Invertis University  
Bareilly-243123, UP

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Nikhil Ramesh  
of Program B.Tech (Electrical Engineering) Year/Semester III  
for successfully completing a value added course Auxiliary for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department N

Course Coordinator N

Dean

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Taruna Sharma  
of Program B.Tech (Electrical Engineering) Year/Semester III  
for successfully completing a value added course AutCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 45 Feb - 31 March 2022

Head of the Department M

R  
Course Coordinator



# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Parvinder Singh Panohar  
of Program B.Tech (Electrical Engineering) Year/Semester III  
for successfully completing a value added course AUTO CAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 45 Feb - 31 March 2022


Head of the Department NA

Course Coordinator NA

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Geetika Nayyar  
of Program B.Tech. (Electrical Engineering) Year/Semester III  
for successfully completing a value added course Autocad for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department 

  
Course Coordinator


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


Invertis University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Karan Singh  
of Program B.Tech (Electrical Engineering) Year/Semester II  
for successfully completing a value added course Autocad for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department 

  
Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Shashank  
of Program B.Tech (Electrical Engineering) Year/Semester II  
for successfully completing a value added course AutoCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 45 Feb - 31 March 2022

Head of the Department

Course Coordinator

Dear

Faculty of Engineering & Technology  
Inverts University  
Bareilly-241121, UP

Registered


Inverts University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Amrinder Sharma  
of Program B.Tech (Electrical Engineering) Year/Semester II  
for successfully completing a value added course AutoCAD ~~for~~  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department 

Course Coordinator 



# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Manish Singh  
of Program B.Tech (Electrical Engineering) Year/Semester II  
for successfully completing a value added course Autocad for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022


Head of the Department

Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Savita Khan of Program B.Tech. (Electrical Engineering) Year/Semester III for successfully completing a value added course AutCAD for Electrical and Electronics Engineering offered by Department of Electrical Engineering during 15 Feb - 31 March 2022

Head of the Department 

  
Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Apurba Kumar Das  
of Program B.Tech (Electrical Engineering) Year/Semester II  
for successfully completing a value added course Autocad for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department



Course Coordinator





# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Prayash Tripathi  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course Autocad free  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 45 Feb - 31 March 2022

Head of the Department 

  
Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Byeel Azam Ali  
of Program B.Tech. (Electrical Engineering) Year/Semester I  
for successfully completing a value added course AutCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb- 31 March 202

Head of the Department M

SR  
Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Ashwanya Singh  
of Program B.Tech. (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course Autocad for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department M

Course Coordinator M

Dean

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

Registrar

Invertis University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Biswajit Dasgupta  
of Program B.Tech. (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department

Course Coordinator

Dean  
Faculty of Engineering & Technology  
Invertis University  
Bareilly-221123, INDIA

Registrar  
Invertis University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Neha Srivastava  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course Paints and  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb-31 March 2022

Head of the Department

Course Coordinator

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


Registrar  
Invertis University  
Bareilly

Registrar  
Invertis University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Mannohan Mishra  
of Program B.Tech. (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course Autocad for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department 

  
Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Yashika Tiwari  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutoCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department 

  
Course Coordinator

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

Registrar  
Invertis University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Rishab Singh  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2020

Head of the Department W

Course Coordinator A

Dean

School of Engineering & Technology  
Invertis University  
Bareilly, 221001, UP

Registered  
Invertis University  
Bareilly



# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Vicky Tiagi  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutoCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department

Course Coordinator

Dean

Faculty of Engineering & Technology  
Invertis University  
Bareilly, U.P. India


Registrar  
Invertis University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Haral Sharma  
of Program B.Tech. (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 45 Feb - 31 March 2022

Head of the Department 

Course Coordinator 

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

General  
Invertis University  
Bareilly

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Riyad Vardak Ali  
of Program Bachelor (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course Autocad  
Electrical and Electronic Engineering  
offered by Department of Electrical Engineering  
during 15 Feb- 31 March 2022

Head of the Department


Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Faizana Khan  
of Program B.Tech. (Electrical Engineering) Year/Semester II  
for successfully completing a value added course AutoCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department 

  
Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Poojan Pratik Singh  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course Autocad for  
Electrical and Electronic Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department

Course Coordinator

Dean  
Faculty of Engineering & Technology  
Invertis University  
Barcello-243123, U.P

Registrar  
Invertis University  
Barcello

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Tajimendira Yadav  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutoCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department

Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Maheem Ahmad  
of Program B.Tech. (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutoCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department NA

DK  
Course Coordinator

# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Rajal Saxena  
of Program B.Tech (Electrical Engineering) Year/Semester IV  
for successfully completing a value added course AutoCAD for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15 Feb - 31 March 2022

Head of the Department



Course Coordinator

Faculty of Engineering

Department of Electrical Engineering & Technology

Invertis University  
Bareilly, 221005





# INVERTIS UNIVERSITY

## CERTIFICATE OF VALUE ADDED COURSE

This Certificate is awarded to Mr./Ms. Darshak Lohani  
of Program B.Tech (Electrical Engineering) Year/Semester III  
for successfully completing a value added course Autocad for  
Electrical and Electronics Engineering  
offered by Department of Electrical Engineering  
during 15Feb-31 March 2022

Head of the Department

Course Coordinator