



Introduction to AutoCAD

SUBJECT TEACHER: DR. PARTHA HALDAR
Assistant Professor of Mechanical Engineering

4 month Certification Course on
Introduction to AutoCAD.
January - April, 2024



GOVERNMENT COLLEGE OF
ENGINEERING AND CERAMIC
TECHNOLOGY



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Background

Computer Aided Design/Drafting (CAD) has emerged as a proven design and maintenance tool in almost all engineering and manufacturing fields.

- CAD helps the production of a drawing and design with a significant speed and accuracy.
- AutoCAD developed by Autodesk Inc., is the most popular PC-based CAD system available in the market.
- It is very user-friendly, and most popular for any type of engineering drawing.
- AutoLISP is an integral part of the AutoCAD package. With AutoLISP, the engineer or draftsman can write powerful macros and functions.

COURSE OUTLINE

- Module 1: Introduction to AutoCAD interface and tools. (3 Classes)
- Module 2: Basic 2D drawing and editing commands. (3 Classes)
- Module 3: Advanced 2D drawing and annotations. (6 Classes)
- Module 4: Introduction to 3D modeling. (3 Classes)
- Module 5: Advanced 3D modeling and rendering. (6 Classes)
- Module 6: Introduction to AUTOLISP and its application (4 Classes)
- Industrial Drawing Practice (6 Classes)
- Examination: Theory Test (1 Class)+ Practical Test (1 Class)
- Valedictory



Course Outcome

- Learners will be able to:
- CO1: Describe the fundamental concepts and features of AutoCAD and AUTOLISP.
- CO2: Identify the commands or tools required to complete any working drawing
- CO3: Create working drawings using the AutoCAD interface.

Eligibility

- Anyone interested in AutoCAD

Duration

- 4 MONTHS (33 Classes each of 2 hours), 4 Credits

Important dates

- Form Fill up: 18.12.2023–31.12.2023
- The course starts: 13.01.2024



Course Fee

- Rs. 5000/-

Number of students

- 18 ONLY (First come first serve basis)

Class room

- CSE computer Lab in the Annex II building

Class Timing

- SATURDAY (OFFLINE MODE) 11:30–13:30 HRS
- SUNDAY (ONLINE MODE) 15:00–17:00 HRS

To get admission fill the Google form

<https://forms.gle/9XBv2XkgbHGsEJnU8>

Pay Rs. 5000/- through SB Collect using link:

<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?saralID=-949665572>

In SB Collect all entries are mandatory. Whichever is not applicable will be entered as '00'. Where Registration No., Roll No. is not known should also be entered as '00'