
ONLINE TRAINING-CUM-INTERNSHIP PROGRAM POWERED BY UGCPL



Important information related to online Training-cum-Internship Program

- ✚ On registration confirmation, a common whatsapp group will be formed, where the students will be getting all necessary updates including the joining link (MS Teams / Google Meet) for online sessions.
- ✚ Two-hours online session on alternate-day-basis will be held from 3.00 pm to 5.00 pm (A minimum of 30 Hrs in one month and minimum 45 hours in 45 days module). Timing schedule may change on request of majority of the participants
- ✚ 25 % of the allocated time will be for real time project work implementation.
- ✚ Project work will be in group of students (group will be consisting of a maximum of 8 students).
- ✚ Submission of complete project report by the participant is mandatory for the Internship Certification–One copy of the project report needs to be submitted at the parent Institution/Department and another copy will be required to be submitted to UGCPL.
- ✚ Upon submission of project report in the concerned parent Institute/Department, the participants will be able to download their Internship Certificates within 10 working days from our website (www.ugcpl-india.com). The hard copy of the certificates will be submitted to the T&P Cell of the concerned University/Institute on request within 20 days time period.
- ✚ After successful completion of Training–cum–Internship program, students may submit their copy of certificate along with their updated resume/CV online to UGCPL by e-mail for availing *lifetime free campus placement opportunities* offered by UGCPL.
- ✚ The participants will have to make their own arrangement of resources like Laptop or PC or smart phone and internet connectivity for attending the sessions through MS Teams/Google Meet platform.

Course Structure/Schedule of the Training-Cum-Internship on **AUTOCAD**

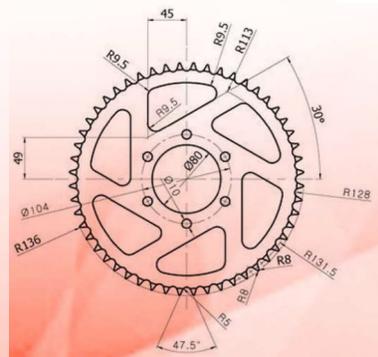
Description

AutoCAD is the most prominent Computer Aided Design (CAD) project created to help experts to plan items, architectural examples or 3D structures. The course goal is to educate the candidates about the essential directions important to make three dimensional models in different fields. Members will learn CAD essentials and the abilities to change 2D Drawings to 3D drawings. 3D demonstrations are being favored by clients, as well as by specialists and fashioners on the grounds that they offer numerous preferences over the customary 2D outline. In this way, you have to learn 3D CAD, and AutoCAD is one of the best utilized 3D CAD devices as a part of the business. AutoCAD has numerous in-constructed features to help specialists, directors or architects chip away at individual activities or tasks. AutoCAD assists you with creating drawings in which we can have exact estimations and accuracy.

Expectation & Goals

We help you ace the accompanying features of AutoCAD 2D and 3D:

- Surface Designing
- Solid Designing
- Mesh Primitives
- Working with contraptions
- Altering 3D segments
- Implementing materials
- Cameras • Brightness and Contrasts
- Mastering renditions



Prerequisite

Knowledge of engineering drawing.

Course Schedule

Module	Topic
Module 1	Introduction of Auto CAD
	1.1 Introduction
	1.2 Advantage and application.

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Module 2	Co-ordinate system 1.1 Types of Co-ordinate system. 1.2 Use of Mouse button.
Module 3	Draw Instructions 1.1 Line 1.2 Circle 1.3 Polygon 1.4 Arc 1.5 Ellipse 1.6 Polyline
Module 4	Modify 1.1 Copy 1.2 Move 1.3 Mirror 1.4 Array 1.5 Offset 1.6 Trim 1.7 Chamfer 1.8 Fillet 1.9 Break 1.10 Rotate
Module 5	Introduction of 3D 1.1 Introduction to 3D 1.2 Isometric View
Module 6	Surface drawing 1.1 Edge Surface 1.2 Tab Surface 1.3 Rule Surface 1.4 Revolve Surface
Module 7	Solid drawing 1.1 Extrude 1.3 Wedge 1.3 Cone 1.4 Pyramid 1.5 Torus 1.6 Cylinder 1.7 Press Pull
Module 8	Modify 1.1 3D Mirror 1.2 3D Rotate 1.3 3D Move 1.4 3D Array
Module 9	1.1 Render and light effect 1.2 Apply material color
Module 10	Project Implementation

