

SYLLABUS FOR AUTOCAD TRAINING (MECHANICAL DEPT.)

Class Coordinators: 1. Dr. Rahul Kanti Nath, Asst. Prof. (RERF), Mech. Dept.
2. Mr. Pabita Maji, Asst. Prof. (RERF), Mech. Dept.
3. Mr. Arup Ghosh, TA, ME Dept.

Venue: RERF Campus (Lab 8, 3rd Floor)

Date & Time: 11.04.2023 – 29.04.2023, 3pm-5:15 pm (Approx. 15 days)

AutoCAD 2D (Mechanical) Syllabus

Course Duration (20 Hrs)

Sessions	Topics
1	Basics of CAD
2	Creating Orthographic drawings
3	Creating Isometric & Perspective drawings
4	Modifying Autocad drawings
5	Creating & editing Hatching utilities /text
6	Enquire information-List, Id, Distance, Area
7	Dimensioning
8	Creating & editing blocks
9	Design centre
10	Xref
11	Script files
12	Plotting

AutoCAD 3D (Mechanical) Syllabus

Course Duration (20 Hrs)

Sessions	Topics
1	3D Modeling Concepts in Autocad
2	Viewpoint & UCS
3	Wireframe Modeling & Editing
4	Solid, Mesh, Surface (Modeling & Editing)
5	Materials, Lights & Rendering
6	Working with Images
7	Import & Export