



REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

Course Name : Introduction to AutoCAD –
Unlocking Design Excellence for Students

Academic Year : 2021 – 2022

Course Curriculum

COURSE MODULE

Total Course Duration (40 Hrs)

Sessions	Topics	Durations
1.1	Basics of CAD	1 hr
1.2	Creating Orthographic drawings	2 hr
1.3	Creating Isometric & Perspective drawings	2 hr
2.1	Modifying Autocad drawings	2 hr
2.2	Creating & editing Hatching utilities /text	3 hr
2.3	Enquire information-List, Id, Distance, Area	
3.1	Dimensioning	2 hr
3.2	Creating & editing blocks	3 hr
3.3	Design centre	
4.1	Xref	2 hr
4.2	Script files	3 hr
4.3	Plotting	

Campus : Regent Education & Research Foundation Group of Institutions

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5.1	3D Modeling Concepts in Autocad	2.5 hr
5.2	Viewpoint & UCS	2.5 hr
6.1	Wireframe Modeling & Editing	2.5 hr
6.2	Solid, Mesh, Surface (Modeling & Editing)	2.5 hr
7.1	Materials, Lights & Rendering	2.5 hr
7.2	Working with Images	2.5 hr
Sessions	Topics	Durations
8.1	Import & Export	2.5 hr
8.2	Doubt Clearing Class and assessment collection	2.5 hr






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