

Department of Civil Engineering

Sr No	Name of Course	Duration	Learning Outcomes
1	AutoCAD	45 Hrs	<ol style="list-style-type: none">1. To create, manipulate and edit 2D drawings and figures.2. To apply basic CAD concepts to develop and construct accurate 2D drawings.3. To acquire Practice of drawing of Civil Engineering.4. To achieve improvement in planning ideas due to drawing practice.5. To get improvement in employability prospects.
2	ETABS	30 Hrs	<ol style="list-style-type: none">1. To perform analysis of the RCC structures in the Software.2. To design the RCC structures in the Software.3. To identify the materials requirement.4. To check the stability of the structure in the software.5. To get improvement in employability prospects.
3	REVIT (MEP) with AutoCAD Basics	80 Hrs	<ol style="list-style-type: none">1. To create, manipulate and edit 3D drawings.2. To apply basic REVIT Software concepts to develop 3D drawing.3. To understand and apply concepts of HVAC design.4. To understand and apply concepts of plumbing design.5. To get improvement in employability prospects.
4	Total Station	20 Hrs	<ol style="list-style-type: none">1. To learn surveying using total station, techniques and the real-world applications.2. To have a clear understanding of the principles of surveying with a total station.3. To generate outputs and present the results in form of contours, surfaces etc.4. To learn how to use data of Total station in AutoCAD.5. To get improvement in employability prospects.