

**ADVANCED COMPUTER AIDED MODELLING LAB (R19)**

<b>CO#</b>	<b># Student will be able to</b>
CO-1	Apply principles of technical drawings to create different 3D models.
CO-2	Analyze and apply the latest standards, symbols and rules for dimensioning and tolerance to detailed and assembly drawings.
CO-3	Construct solid models, assemblies, and detail drawings using a feature-based parametric design CAD programs
CO-4	Sketch, construct and simulate the mechanical engineering parts
CO-5	Develop part drawings for various components in the form of orthographic and isometric.
CO-6	Create an assembly with rigid and flexible subassemblies.