

**GUJARAT TECHNOLOGICAL UNIVERSITY (GTU)**

III - SEMESTER

**Course Title: Computer Aided Drawing**

(Course Code: 1333405)

<b>Diploma Programme in which this course is offered</b>	<b>Semester in which offered</b>
Mechanical (Manufacturing Technology)	Third Semester

<b>Module.</b>	<b>Topics</b>	<b>Hours</b>
Module 1	1.0 CAD Menu Selection, Begin New Drawing 2.0 Co-ordinate System in CAD – Absolute, Relative and Polar 3.0 Utility Commands – Help, End, Quit, Save, Limits, Units 4.0 Entity Draw Commands – Line, Point Circles, Undo, Copy, Move 5.0 Display Commands – Zoom, Pan, Redraw 6.0 Layers and its Uses 7.0 Various File formats – Export and Import of Files 8.0 Drawing the 3 Views of different types of objects in First Angle Projection 9.0 Editing / Modifying Existing Drawing	12 hr