

CE101 Engineering Drawing (2-0-3-7)

Prerequisite: Nil

Importance of engineering drawing; Conventions and standards: ISO; Orthographic projections: points, lines, planes and solids; Sections of solids; Isometric projections; Development of surfaces; Intersection of solids., Introduction to a Computer Aided Drafting software, basic commands of two-dimensional drafting. Application of orthographic and isometric Projections in the software.

References:

- [1] N. D. Bhatt and V. M. Panchal, Engineering Drawing Plane and Solid Geometry, 53rd Edition Charator Publishing House, 2014.
- [2] K. Venugopal and V. Prabhu Raja, Engineering Drawing+ AutoCAD, 5 th Edition, New Age International, 2011.
- [3] D. A. Jolhe, Engineering Drawing with an Introduction to AutoCAD, McGraw Hill Education 2017.