

FC 102 : ENGINEERING GRAPHICS

CREDITS : 4 (L = 2, P = 4)

1. Construction and use of plain and diagonal scales; Construction of engineering curves.
2. Introduction to basic engineering drawing; Conventional arrangement of views; First and Third angle projections; Types of lines, lettering and dimensioning; Indian standards for drawing.
3. Projection of points, lines and planes; Projection of simple solids with varying position of axes and ground lines; Section of simple solids by planes; Development of solids.
4. Conversion of pictorial views into orthographic views; Sectional views.
5. Introduction to computer graphics.

REFERENCES BOOKS :

1. *Bhatt N. D.*
Elementary Engineering Drawing
Charotar Publishing House.
2. *Narayan K. L., Kannaiah P.*
Engineering Graphics
TMH Publishing Company
3. *Shah P.J.*
A. Text Book of Engineering Drawing
C. Jammadas & Company
4. *Voisinet*
Computer Aided Drafting and Design
Mc Graw Hill Book Company.

