

AMAG04 ENGINEERING DRAWING

UNIT-1 INTRODUCTION TO ENGINEERING DRAWING

- 1.1 Introduction to Engineering Drawing- different lines, lettering, dimensioning
- 1.2 Dividing the line into n parts
- 1.3 Construction of polygon.
- 1.4 Projection of points Projection of straight lines
- 1.5 Inclined to one plane and both the planes

UNIT-2 PROJECTION OF PLANES & SOLIDS

- 2.1 Projection of planes- Simple planes
- 2.2 Planes inclined to reference planes.
- 2.3 Projection of solids- prisms- cylinders- cones- pyramids- solid axis inclined to reference plane

UNIT-3 SECTIONS OF SOLIDS

- 3.1 Sectional views of right regular solids- prism, cylinder, pyramid, cone.

UNIT-4 INTRODUCTION TO AUTO CAD

- 4.1 Introduction to CAD- AUTO CAD
- 4.2 Commands- Basic commands practice.

UNIT-5 ISOMETRIC PROJECTION USING CAD:

- 5.1 Isometric projections using CAD
- 5.2 Simple objects. Orthographic views using CAD

Reference Books:

1. Jhole, "Engineering Drawing", 2nd ed., Tata McGraw Hill, 2008.
2. K.L. Narayana, "Engineering drawing" 2nd ed., Scitech Publications, 2008.