### ME1501 Engineering Graphics Lab **L-T-P- 0-0-3, Cr:02**

* + - 1. Practice Set 1: Title – Engineering Lettering & Dimensioning Practice:
      2. Practice Set 2: Title – Engineering Curves: Ellipse, Parabola, Hyperbola and Cycloid, Involutes, Archimedean spiral
      3. Practice Set 3: Title – Scales: Diagonal Scale, Vernier Scale, Scale of Chord.
      4. Practice Set 4: Title – Projection of Points and Straight Lines:
      5. Practice Set 5: Title – Projection of Planes and Solids:
      6. Practice Set 6: Title – Section of Solids and Surface Development:
      7. Practice Set 7: Title – Intersection of Surfaces:
      8. Practice Set 8: Title – Orthographic Views
      9. Practice Set 9: Title – Isometric Projections & Views
      10. Practice Set 10: Title – Elementary Engineering Graphics with AutoCAD.

**Suggested Readings:**

* + - 1. Dhananjay A Jolhe, Engineering Drawing with an Introduction to auto CAD-.TMH
      2. K. Venugopal & V. Prabhu Raja, Engineering Drawing – New Age International
      3. N. D. Bhatt & V. M. Panchal, Engineering Drawing – Charotar Publishing House Pvt Ltd
      4. T. Jeyapoovam, Engineering Drawing & Graphics using AutoCAD, Vikash Pub
      5. P. S. Gill, Engineering Drawing (Geometrical Drawing) –
      6. Agrawal & Agrawal, Engineering Drawing – TMH