### 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