

Bhoj Reddy Engineering College for Women Hyderabad

Faculty of General Engineering

Lesson plan of faculty member for the academic year 2017–18

Class: I B Tech

Branch-Section: IT - B

Semester: II

Subject: Engineering Graphics

Lectures per week: 2+4 Practice

Lecture Number	Topics to be covered	Date (s)
UNIT – I: Introduction To Engineering Graphics		
1,2,3	Basic Principles of Engineering Graphics - Practice	19 December 2017
4,5,6	Conic Sections, Rectangular Hyperbola - Practice	20 December 2017
7,8,9	Cycloid, Epicycloid, Hypocycloid - Practice	27 December 2017
10,11,12	Involute - Practice	2 January 2018
13,14,15	Scales - Plain, Diagonal - Practice	3 January 2018
UNIT – II: Orthographic Projections		
16,17,18	Principles of Orthographic Projections, points - Practice	9 January 2018
19,20,21	Projections of Lines inclined to one plane - Practice	10 January 2018
22,23,24	Projections of Lines inclined to both planes - Practice	16 January 2018
25,26,27	Projections of Planes inclined to one plane - Practice	17 January 2018
28,29,30	Projections of Planes inclined to both planes - Practice	23 January 2018
31,32,33	Projections of Auxiliary Planes - Practice	24 January 2018
UNIT – III: Projections of Regular Solids		
34,35,36	Projections of Regular Solids Simple position - Practice	30 January 2018
37,38,39	Projections of Solids inclined to one plane - Practice	31 January 2018
40,41,42	I MID EXAM	6 February 2018
43,44,45	Projections of Solids inclined to both planes - Practice	14 February 2018
46,47,48	Projections of Solids inclined to both planes - Practice	20 February 2018
UNIT – IV: Sectional views and Development of Surfaces		
49,50,51	Sectional views of Right Regular Solids - Prism, Cylinder Practice	21 February 2018
52,53,54	Sectional views of Pyramid, Cone - Practice	27 February 2018
55,56,57	Sections - Auxiliary views - Practice	28 February 2018
58,59,60	Development of Surfaces of Prism, Cylinder - Practice	6 March 2018
61,62,63	Development of Surfaces of Pyramid, Cone - Practice	7 March 2018
UNIT – V: Isometric Projection		
64,65,66	Principles of Isometric Projection, Isometric scale - Practice	13 March 2018
67,68,69	Isometric Views of Lines, Plane Figures - Practice	14 March 2018
70,71,72	Isometric Views of Simple Solids - Practice	20 March 2018
73,74,75	Isometric Views of Compound Solids - Practice	21 March 2018
76,77,78	Conversion of Isometric Views to Orthographic Views - Practice	27 March 2018
79,80,81	Conversion of Orthographic Views to Isometric Views - Practice	28 March 2018
82,83,84	II MID EXAM	3 April 2018

Text books:

1. Engineering Drawing - Basant Agrawal and Mc Agrawal/ Mc Graw Hill
2. Engineering Drawing - N.D Bhatt / Charotar

Name of the faculty: Ramakrishna V

Signature of the faculty:

Name and signature of Head of the Faculty: Anagha Deshpande