

Bhoj Reddy Engineering College for Women Hyderabad

Department of General Engineering

Lesson plan of faculty member for the academic year 2016–17

Class: I B Tech

Branch-Section: ECE-A

Semester: II

Subject: Engineering Graphics

Lectures per week: 2+4

Lecture Number	Topics to be covered	Date (s)
UNIT – I: Introduction To Engineering Drawing		
1,2,3	Basic Principles of Engineering Graphics, Practice	3 January 2017
4,5,6	Conic Sections, Practice	7 January 2017
7,8,9	Rectangular Hyperbola, Practice	10 January 2017
10,11,12	Cycloid, Epicycloid, Hypocycloid, Practice	17 January 2017
13,14,15	Involute, Practice	21 January 2017
16,17,18	Scales - Plain, Diagonal, Vernier Scales, Practice	24 January 2017
UNIT – II: Orthographic Projections		
19,20,21	Principles of Orthographic Projections, points, Practice	28 January 2017
22,23,24	Projections of Lines inclined to one plane, Practice	31 January 2017
25,26,27	Projections of Lines inclined to both planes, Practice	4 February 2017
28,29,30	Projections of Lines inclined to both planes, Practice	7 February 2017
31,32,33	Projections of Planes inclined to one plane, Practice	11 February 2017
34,35,36	Projections of Planes inclined to both planes, Practice	14 February 2017
37,38,39	Projections of Planes inclined to both planes,	18 February 2017
40,41,42	Projections of Auxiliary Planes, Practice	21 February 2017
UNIT – III: Projections of Regular Solids		
43,44,45	Projections of Regular Solids Simple position, Practice	25 February 2017
46,47,48	Projections of Solids inclined to one plane, Practice	28 February 2017
49,50,51	I MID EXAM	4 March 2017
52,53,54	Projections of Solids inclined to one plane, Practice	11 March 2017
55,56,57	Projections of Solids inclined to both planes, Practice	14 March 2017
58,59,60	Projections of Solids inclined to both planes, Practice	18 March 2017
UNIT – IV: Sectional views and Development of Surfaces		
61,62,63	Sectional views of Right Regular Solids - Prism, Cylinder, Practice	21 March 2017
64,65,66	Sectional views of Pyramid, Cone, Sphere, Practice	25 March 2017
67,68,69	Sections - Auxiliary views, Practice	28 March 2017
70,71,72	Development of Surfaces of Prism, Cylinder, Practice	1 April 2017
UNIT – V: Isometric Projection		
73,74,75	Principles of Isometric Projection, Isometric Scale, Views, Practice	4 April 2017
	Isometric Views of Lines, Plane Figures, Practice	8 April 2017
76,77,78	Isometric Views of Simple Solids, Practice	11 April 2017
79,80,81	Isometric Views of Compound Solids, Practice	15 April 2017
82,83,84	Isometric Projection of Spherical Parts, Practice	18 April 2017
85,86,87	Conversion of Isometric Views to Orthographic Views,	22 April 2017
88,89,90	Conversion of Orthographic Views Isometric Views, Practice	25 April 2017
91,92,93	Auto CAD: Basic principles	29 April 2017
94,95,96	Revision	2 May 2017
97,98,99	Revision	6 May 2017
100,101,102	II MID EXAM	9 May 2017

Text books:

1. Engineering Drawing / Basant Agrawal and Mc Agrawal/ Mc Graw Hill
2. Engineering Drawing/ M.B. Shah, B.C. Rane / Pearson.

Name of the faculty: Ahmedi Begum

Signature of the faculty:

Name and signature of Head of the Department