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: EEE Semester: II

Subject: Engineering Graphics Lectures per week: 2+4 Practice

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

Signature of the faculty:

Name and signature of Head of the Department: Anagha P