

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
 Subject: Engineering Graphics

Branch-Section: ECE-B

Semester: II
 Lectures per week: 02+04

Lecture Number	Topics to be covered	Date (s)
UNIT – I: INTRODUCTION TO ENGINEERING GRAPHICS		
1,2,3	Introduction to Engineering drawing	3 January 2017
4,5,6	Conic sections- General Method Ellipse, parabola, hyperbola	5 January 2017
7,8,9	Conic sections- other methods	10 January 2017
10,11,12	Cycloids-Cycloid, Epicycloid	12 January 2017
13,14,15	Cycloids-hypocycloid,	17 January 2017
16,17,18	Involutes-Circle, other polygons, Square , pentagon	19 January 2017
19,20,21	Scales-plain, Diagonal	24 January 2017
22,23,24	Scales-Diagonal, Vernier	31 January 2017
UNIT – II: ORTHOGRAPHIC PROJECTIONS		
25,26,27	Introduction to projections-Points	2 February 2017
28,29,30	Projection of lines- simple positions inclined to one plane	7 February 2017
31,32,33	Projection of lines inclined to both planes	9 February 2017
34,35,36	Projection of planes-I & II stages	14 February 2017
37,38,39	Projection of planes inclined to both planes	16 February 2017
40,41,42	Projection of planes-Auxiliary planes	21 February 2017
UNIT – III: PROJECTION OF SOLIDS-AUXILIARY VIEWS		
43,44,45	Introduction to Solids-I stage	23 February 2017
46,47,48	Projections of Solids-II stage	2 March 2017
49,50,51	Projection of Solids-Inclined to both planes	9 March 2017
52,53,54	Projection of solids-Inclined to both planes	14 March 2017
55,56,57	Projection of solids- Auxiliary views	16 March 2017
58,59,60	Projection of solids- Auxiliary views	21 March 2017
UNIT – IV: SECTION OF SOLIDS & DEVELOPMENT OF SURFACES		
61,62,63	Section of solids-Prism	23 March 2017
64,65,66	Section of solids-Cylinder	28 March 2017
67,68,69	Section of solids-pyramid, cone	30 March 2017
70,71,72	Development of surfaces-Prism, Cylinder	04 April 2017
73,74,75	Development of surfaces-, Pyramid & cone	16 April 2017
UNIT – V: ISOMETRIC PROJECTIONS		
76,77,78	Introduction to Isometric projections-planes, simple Solids	11 April 2017
79,80,81	Isometric projection of Composite solids	13 April 2017
82,83,84	Isometric projection of Truncated solids	18 April 2017
85,86,87	Isometric projection of Spheres	20 April 2017
88,89,90	Isometric projection to Orthographic	25 May 2017
91,92,93	Isometric projection to Orthographic	27 May 2017
94,95,96	Orthographic to Isometric projections	2 May 2017
97,98,99	Autocad-Basics-Commands	4 May 2017
100,101,102	Autocad-Basics-Commands	9 May 2017

Text Books:

1. Engineering Drawing / Basant Agrawal and Mc Agrawal/ Mc Graw Hill
2. Engineering Drawing / N D Bhatt / CHAROTAR
3. Engineering Drawing / K L Narayana
4. Engineering Drawing / Venu Gopal

Name and signature of the faculty: Anagha P

Name and signature of Head of the Department : Anagha P