

Doc. No.: DCE/0/10

Revision :01

## Session Plan & Execution

Faculty:- Mr. Vikas Yadav

Semester:-I

Class:-CSE-I

Course Code:-ME -103 E

Course Title:-Engineering Graphics and Drawing

Plan					Execution			
S. No.	Week & Month	Lecture	Section	Topic	Status	Date	Period	Sign
1	IV-Aug	1	A	Introduction, concept about the subject, Books to be referred Text book, Reference Book, Syllabus introduction. Introduction to drawing instrument, and its used to prepare drawing easily and accurately. Types of drawing sheets and drawing board. Lay out of drawing sheets showing the title block and borderlines. Symbols and notation used in engineering drawing. Introduction to lines, lettering dimensioning, geometrical construction, scales and its uses.	Completed	17/8/09		
2	I-Sep	2		Introduction to projection of point. Various types of projection first and third angle system of orthographic projection of points in different quadrants.	Completed	21/8/09, 1/9/09		
3	II-Sep	3		Introduction to previous topics. Introduction to straight line. Projection of straight lines.	Completed	4/9/09, 8/9/09		
4	III-Sep	4		Introduction to projection of planes. Parallel, perpendicular & inclined.				
5	IV-Sep	5		Projection of solids. Types of solids projection of polyhedral solid and solids of revolution. Regular polyhedral, prism, pyramid oblique solid. Position of solid. Axis perpendicular to HP and parallel to VP. Axis perpendicular to VP and parallel to HP. Axis parallel to both. Axis inclined to HP and parallel to VP axis inclined to VP and parallel to HP				

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6	I -Oct	6		Revision of previous topics and solved problems.				
7	II - Oct	7		Introduction to development of surfaces. Methods of development parallel. Line method, radial line method, triangulation method. Approximates method, (a) zone method, (b) curve method.				
8	II - Oct	1		Revision of previous topics and solved problems.				
9	III-Oct	2	B	Section of solids like prism, pyramid cone, cylinder. Terms used in sections of solids. Position of the cutting planes perpendicular to HP and parallel to VP, perpendicular To VP and parallel to HP, perpendicular to both, inclined to HP perpendicular to VP inclined to VP perpendicular HP. True shape of sections.				
10	IV-Oct	3		Revision of previous topics and solved problems.				

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11	I-Nov	4	C	Orthographic drawing of bolts and nuts. Projections of simple machine components. Introduction to isometric projections isometric scale				
12	II-Nov	1		Isometric views of simple objects				
13	III-Nov	2		Introduction to CAD (Autocad). Introduction to draw & modify commands.				
14	IV-Nov	3	D	Introduction to solid modeling (2D, 3D). orthographic & isometric projections & sectional views.				