

	The Maharaja Sayajirao University of Baroda Polytechnic, Department of Electrical Engineering, Near Shastri Bridge, Fatehgunj, Vadodara-390001, <<e-mail ID>>			ACADEMIC YEAR 2015-2016	
	Computer Engineering : (Higher Payment Program)				
YEAR	I	CORE/Elective/Foundation 1: MEC3207 : Engineering Drawing		CREDIT	-
Semester	II			HOURS	-
OBJECTIVES:					
COURSE CONTENT / SYLLABUS					
UNIT-I	Drawing equipments, instruments and their uses.				--
UNIT-II	Planning and layout of drawing according to I.S. 696-1972.				--
UNIT-III	Lines lettering and dimensions according to I.S.				--
UNIT-IV	Engineering geometric. (i) Geometrical constructions. (ii) Engineering curves.				--
UNIT-V	Theory and Projection. Types of projection. (i) Orthographic projection of machine parts, objects.				--
UNIT-VI	Projection of points, lines and planes.				--
UNIT-VII	Projection of solids.				--
UNIT-VIII	Free hand sketches of temporary fasteners such as bolts, nuts, screws, keys etc. Locking of nuts.				--
REFERENCES					
1.	Machine drawing by N D Bhatt				
2.	Engg. Drawing including solid geometry by N.D.Bhatt				
3.	Machine drawing by C.L.Verma				
4.	Engg. Drawing by G.R.Nagpal.				