1975.3.	Appressing Co. 5	Name of faculty : Manjeet
		Discipline : Automobile Engg.
	A productive and	Semester : 1st
-	A STATE OF THE PARTY OF T	Subject: Engineering Graphics
The below		Lesson Plan Duration: 16 Weeks
the way	To have	Theory
Week ⁻	Lecture Day	Topic
1st	1st	UNIT I: Introduction to Engineering Drawing and Graphics
	2nd	Introduction to use and care of drawing instruments, drawing materials,
	3rd	layout and sizes of drawing sheets and drawing boards.
	4th	Symbols and conventions, Conventions of Engineering Materials
2nd		
l enr	5th	Sectional Breaks and Conventional lines.
	6th	Civil Engineering Sanitary fitting symbols
3rd	7th	Electrical fitting symbols for domestic interior installations
	8th	Geometrical construction-geometrical figures such as triangles, rectangles, circles, ellipses and curves, hexagons,
	9th	pentagons bisecting a line and arc , division of line and circle with the help of drawing instruments.
4th	10th	Technical Lettering of Alphabet and Numerals Definition and classification of lettering
	11th	Free hand (of height of 5,8,12 mm) and instrumental lettering (of height 20 to 35 mm): upper case and lower case,
	12th	single and double stroke, vertical
	13th	Free hand (of height of 5,8,12 mm) and instrumental lettering (of height 20 t 35 mm): upper case and lower case, single and double stroke, vertical
5th	14th	inclined (Gothic lettering) at 75 degree to horizontal and with suitable heighton to width ratio 7:4.

	15th	Sessional test I
And the second s	16th	Dimensioning Necessity of dimensioning, method and principles of dimensioning (mainly theoretical instructions).
6th	17th	Dimensioning of overall sizes, circles, threaded holes, chamfered surfaces, angles, tapered surfaces, holes, equally spaced on P.C.D
LANGE BER	18th	countersunk holes, counter bored holes, cylindrical parts, narrow spaces and gaps, radii, curves and arches.
· James and	19th	Scales –Needs and importance (theoretical instructions), Type of scales
7th	20th	Definition of Representative Fraction (R.F.) and Length of Scale.
	21st	To draw/construct plain and diagonal scales.
10 Sec. 1	22nd	UNIT II Theory of orthographic projections (Elaborate theoretical instructions).
8th	23rd	Three views of orthographic projections of different objects of given pictorial view of a block in 1st and 3rd angle.
40 ° 3 ° 3	24th	Projection of Points in different quadrant Projection of Straight Line (1st angle)
A feet i	25th	Sessional Test -2
9th	26th	Line perpendicular and inclined to any one of the references and parallel to another plane.
	27th	circle and Hexagonal pentagon. Trace of planes (HT and VT).
	28th	Projection of Plane – Different lamina like square rectangular, triangular
10th	29th	Hexagonal pentagon. Trace of planes (HT and VT)
-0	30th	Identification of surfaces.Importance and salient features
	31st	Sectioning: Drawing of full section, half section, partial or broken out section
11th		

Г	EVER DESCRIPTION OF	
g pener o	33rd	Orthographic sectional views of different objects.
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er nege	34th	UNIT III Introduction of projection of right solids such as prism
12th	35th	pyramid (square, Pentagon, Hexagonal) cube, cone & cylinder
	36th	Introduction of sections of right solids - Section planes, Sections of Hexagonal
	37th	prism, pentagon pyramid,
	Se prograd school .	
13th	38th	cylinder and cone
	2 43, 500	
	39th	Development of lateral surfaces of right solids like cone, cylinder,
X		
	40th	pentagonal prism, pyramid and hexagonal pyramid
1 446		
14th	41st	UNIT IV Fundamentals of isometric projections and isometric scale.
	land.	the confident of the supplied of the control of the
	42nd	Isometric views of different laminas like circle, pentagon and hexagon
	1 1110.	
	2 1304 - 12°E	Isometric views of different regular solids like cylinder, cone, cube, cuboid
15th	43rd	Isometric views of different regular solids like cylinder, desire, desire, desire,
	32	
	44th	pyramid and prism.
		ang menerang terpapak sebagai kengan kelabatan perang di propositi ngalaban ngari salah li mili. Menerang kelam terbah sebagai mengangan palah ang sebagai di salah ngan nganggan peranggan peranggal sebagai s
	45th	Isometric views from given different orthographic projections
	a and a second of the second of	UNIT V Basic introduction and operational instructions of various commands
	46th	in AutoCAD
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16th	47th	pictorial/isometric view of a block
	48th	Sessional test- III
	=	ocosional test in