

DEPARTMENT OF CIVIL ENGINEERING

NIT SRINAGAR

LECTURE PLAN FOR ENGINEERING DRAWING

WINTER SESSION, 2016



Week No.	Lecture No.	Course Coverage
Week 1	1 st and 2 nd	Types of projections, concept of solids as 3-dimensional object, concept of first angle and third angle drawings
	3 rd and 4 th	Projection of lines; Lines Parallel to both H.P. and V.P Lines inclined to H.P. and inclined to V.P. Simple cases for lines inclined to both H.P. and V.P
	5 th and 6 th	Practice class : Title block and Practice class for first and third angle projection of points.
Week 2	7 th and 8 th	Projection of Planes; Planes parallel / Inclined to H.P. and V.P.(All Shapes)
	9 th and 10 th	Planes Inclined to both H.P. and V.P.
	11 th and 12 th	Practice session for Projection of Planes especially Pentagonal and Hexagonal Planes.
Week 3	13 th and 14 th	Projection of Solids:, Prisms, Cylinders, Pyramids and Cones with axis perpendicular and inclined to H.P and V.P.(single inclination)
	15 th and 16 th	Lecture and Practice of Section of Solids, Sectional plan parallel / inclined to H.P and V.P (both cases)
	17 th and 18 th	Intersection of surfaces, simples cases of intersection of two prisms and cylinders
Week 4	19 th and 20 th	Lecture and Practice of Development of Surfaces; Cylinders,Cones, Prisms and Pyramids with sectional planes parallel and inclined to H.P or V.P
	21 st and 22 nd	Lecture and Practice of Orthographic Projection of simple blocks
	23 rd and 24 th	Lecture and Practice of Isometric Projection of Simple orthographic views