



**TECHNICAL DRAWING SCHEME**  
**CLASS: - SS2**

SN	TOPICS	CONTENT
1	Oblique Drawing	Meaning of oblique drawing, oblique drawing of shapes and geometrical solids.
2	Special curves	Locus definition, applications and construction of special curves e.g. parabola, hyperbola, involutes.
3	Special curves	Construction of special curves using different methods.
4	Link Mechanisms	Link mechanism, plotting of loci of points on link mechanisms
5	Link mechanisms	Plotting of loci of points on link mechanism.
6	True shapes	True shapes of truncated cone, prisms and pyramid.
7	True shapes	True shapes of truncated cylinder, oblique cone.

SN	TOPICS	CONTENT
1	Intersection of solids	Line and curves of intersection: two intersecting cylinders; a cylinder intersecting a cone.
2	Intersection of solids	Two intersecting prisms and pyramids, surface development of intersecting solids
3	Perspective Drawing	Uses and types of perspective drawings, one point perspective
4	Perspective Drawing	Two points perspective, identification and location of main terms in perspective drawing.
5	Orthographic projection	Definition, principles and types of orthographic projection, orthographic view in 1st and 3rd angles.
6	Orthographic projection	Conversion of orthographic view to isometric views
7	Auxiliary views of geometrical solids	Uses and types of auxiliary view 1st and 2nd auxiliary view.

<b>SN</b>	<b>TOPICS</b>	<b>CONTENT</b>
1	Auxiliary views of geometrical solids	Draw the 1st and 2nd auxiliary elevations and plans of shaped block etc
2	Traces of a point and line in space	Projection of a point and a line in space.
3	True lengths and Angles of a line in space	True lengths and angles of a line in space
4	Planes and views in space.	Key terms in planes and views in space, line inclined to horizontal and vertical planes.
5	Building Design and working Drawing	Building design process, preparation of working drawings: building plans, elevation, electrical & plumbing symbols
6	Building Design and working Drawing	Types of buildings to be designed and building windows, doors etc.
7	Details of parts of Building	Identification of parts of a building, detail building drawing: foundations, floors, walls, openings, and lintels roofs

