

DHABALESWAR INSTITUTE OF POLYTECHNIC

LESSON PLAN

Discipline: Diploma	Semester: 2nd Semester	Name of the Teaching Faculty Monalisha Das
Subject: Engg Drawing	No. of days per week Class Alloted: 06 Nos	Semester from Dt. 14.3.2022 to Dt. 18.6.2022 No. of Weeks: 14 Nos
Week	Class Day	Theory / Practical Topics
1st week March	1st day	→ Introduction of drawing
	2nd day	→ Types of drawing, Laying of drawing sheet, Margin, layout and title block as per BIS.
2nd week	1st day	→ List types of pencil, Instrument
	2nd day	→ Explain the use of various types of line.
3rd week	1st day	→ Explain the principle of single stroke letter.
	2nd day	→ Introduction of Scale, Plain Scale, diagonal scale.
4th week	1st day	→ Problem of plain scale and diagonal scale.
	2nd day	→ Introduction of scale, Explain Conic section illustration, focus, vertex, directrix.
5th week	1st day	→ Draw different Method of Ellipse.
	2nd day	→ Introduction of projection, 1st angle projection and third and angle projection.

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6th week	1st day	→ Draw the projection of point.
	2nd day	→ Draw the projection of straight line parallel to one and perpendicular to other.
7th week	1st day	→ Draw projection of plane square, Rectangle, triangle.
	2nd day	→ Draw the projection of solid, such as, prism, cylinder, cone etc.
8th week	1st day	→ Draw the sectional projection and development prism.
	2nd day	→ Draw the sectional projection of cylinder.
9th week	1st day	→ Draw true shape of cutting section.
	2nd day	→ Isometric projection of prism,
10th week	1st day	→ Isometric projection of cone, cylinder, pyramid.

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11 th week	2 nd day	→ Isometric projection with axis horizontal and vertical with construction of Isometric scales.
	1 st day	→ Explain related term used in building.
	2 nd day	→ Draw a plan of a building.
12 th week	1 st day	→ Draw Elevation of a building.
	2 nd day.	→ Introduction of AutoCAD.
13 th week	1 st day	→ Practice of different types of drawing.
	2 nd day	→ PDrawing practice.
14 th week	1 st day	→ Drawing practice.
	2 nd day	→ Drawing practice.