

DHABALESWAR INSTITUTE OF POLYTECHNIC

LESSON PLAN

Discipline: Diploma	Semester: 1st Sem	Name of the Teaching Faculty Monalisha Das
Subject: Engg Drawing	No. of days per week Class Alloted: 06 Nos	Semester from Dt. 25.10.22 to Dt. 31.1.2023 No. of Weeks: 14 Nos
Week	Class Day	Theory / Practical Topics
1st week	[1st day 2nd day 3rd day 4th day [B]	→ Introduction of drawing. → Identify various sizes of drawing board. → Introduction of drawing. → Identify various sizes of drawing board.
2nd week	[1st day 2nd day 3rd day 4th day [Sec A] [Sec B]	→ List types of pencil, and use of pencil. → use of instrument in drawing sheet. → List types of pencil, and use. → use of instrument in drawing sheet.
3rd week	[1st day 2nd day 3rd day 4th day [Sec A] [Sec B]	→ Introduction of scale, types of scale explain. → problem of plain scale. → Introduction of scale, types of scale explain. → problem of plain scale.
4th week	[1st day [Sec A]	→ Problem of diagonal scale.

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	2nd day	→ layout of drawing sheet, types of line, lettering.
	3rd day	→ Problem of diagonal scale.
	[Sec B] 4th day	→ layout of drawing sheet, types of line, lettering.
	1st day	→ Explain Conic section and term of focus, vertex, directrix and eccentricity.
5th week	[Sec A] 2nd day	→ Explain Method of Ellipse, Arc Circle Method, oblong method.
	3rd day	→ Explain Conic section and term of focus, vertex, directrix and eccentricity.
	[Sec B] 4th day.	→ Method of Ellipse, Arc Circle Method.
	1st day	→ principle of 1st angle projection and 3rd angle projection.
6th week	[Sec A] 2nd day	→ Draw the projection of point.
	3rd day	→ Principle of 1st angle projection and 3rd angle projection.
	[Sec B] 4th day	→ Draw the projection of point.
	1st day	→ Draw the projection of straight line.
7th week	[Sec A] 2nd day	→ Draw the projection of plane.
	3rd day	→ Draw the projection of straight line.
	[Sec B]	

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8th week	4th day	→ Draw the projection of plane.
	[Sec A] 1st day	→ Draw the projection of solid.
	2nd day	→ Draw sectional projection and development of prism.
	[Sec A] 3rd day	→ Draw the projection of solid.
9th week	4th day	→ Draw the sectional projection and development of prism.
	1st day	→ Draw true shape of the cutting section.
	[Sec A] 2nd day	→ Draw isometric view and isometric projection.
	3rd day	→ Draw true shape of the cutting section.
10th week	[Sec B] 4th day	→ Draw isometric view and isometric projection.
	1st day	→ Introduction of building technical term used in building.
	[Sec A] 2nd day	→ Draw the line plan and plan of a single room building.
	3rd day	→ Introduction of building technical term used in building.
	[Sec B] 4th day	→ Draw the line plan and plan of a single room building.

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11 th week	[Sec A] 1 st day	→ Draw the line plan, plan, Elevation of a single room building.
	2 nd day.	→ Draw the line plan and plan of single room with verandah.
	[Sec B] 3 rd day	→ Draw the line plan, plan, of Elevation of single room building.
	4 th day.	→ Draw the line plan and plan of single room with verandah.
12 th week	[Sec A] 1 st day	→ Draw the Elevation of single room with verandah.
	2 nd day	→ Introduction of Auto cad.
	[Sec B] 3 rd day	→ Draw the Elevation of single room with verandah.
	4 th day	→ Introduction of Auto cad.
13 th week	[Sec A] 1 st day	→ Auto cad practice.
	2 nd day	→ Draw the projection of solid practice class.
	[Sec B] 3 rd day.	→ Auto cad practice class.
	4 th day.	→ Draw the projection of solid practice class.
14 th week	[Sec A] 1 st day	→ Problem of diagonal Scale.
	2 nd day.	→ problem of Plain Scale.