

DHABALESWAR INSTITUTE OF POLYTECHNIC

LESSON PLAN

Discipline: <u>Diploma</u>	Semester: <u>2nd Sem</u>	Name of the Teaching Faculty <u>Monalisa Das</u>
Subject: <u>Engg Drawing</u>	No. of days per week Class Alloted: <u>06 Nos</u>	Semester from Dt. <u>20.3.23</u> to Dt. <u>27.6.2023</u> No. of Weeks: <u>15 Nos</u>
Week	Class Day	Theory / Practical Topics
<u>1st week</u>	1st day {Sec} 2nd day 3rd day {D} 4th day	→ Introduction of Drawing → Identify various sizes of drawing board. → Introduction of drawing. → Identify various sizes of drawing board.
<u>2nd week</u>	1st day {C} 2nd day 3rd day {D} 4th day	→ List types of pencil, instrument. → Types of Scale, Plain Scale, diagonal. → List types of pencil, instrument. → Types of scale, Plain Scale and diagonal.
<u>3rd week</u>	1st day {C} 2nd day 3rd day {D} 4th day	→ layout of drawing sheet, types of line. lettering. as per BIS. → Explain Conic section and term of focus, vertex, directrix and eccentricity. → layout of drawing sheet, types of line. lettering, as per BIS.
<u>4th week</u>	1st day {C}	→ Explain Conic section and term of focus, vertex, → Principle of 1st angle projection and 3rd angle projection.

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5th week	2nd day	→ Draw the projection of point.
	3rd day	→ Principle of 1st angle projection and 3rd angle projection.
	{D} 4th day	→ Draw the projection of point.
	1st day	→ Draw the projection of straight line.
	{C} 2nd day	→ Draw the projection of plane.
	3rd day	→ Draw the projection of straight line.
	{D} 4th day	→ Draw the projection of plane.
	1st day	→ Draw the projection of solid.
6th week	{C} 2nd day	→ Draw the sectional projection and development of prism.
	3rd day	→ Draw true shape of the cutting section.
	{D} 4th day	→ Draw isometric view and isometric projection.
	1st day	→ Draw true shape of the cutting section.
7th week	{C} 2nd day	→ Draw isometric view and isometric projection.

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8th Week	3rd day	→ Draw the projection of solid.
	{D} 4th day	→ Draw the sectional projection and development of prism.
	1st day	→ Draw true shape of the cutting section.
	{C} 2nd day	→ Draw Isometric view and Isometric Projection.
9th Week	3rd day	→ Draw true shape of the cutting section.
	{D} 4th day	→ Draw Isometric view and Isometric Projection.
	1st day	→ Explain term related to building.
	{C} 2nd day	→ Draw the plan of a building.
10th Week	3rd day	→ Explain term used in building.
	{D} 4th day.	→ Draw the plan of a building.
	1st day	→ Draw the ^{plan} of single room with verandah.
	{C} 2nd day	→ Draw Elevation of a single room with verandah.
11th Week	3rd day	→ Draw the plan of single room with verandah.
	{D} 4th day.	→ Draw Elevation of a single room with verandah.
	1st day	→ Introduction of Auto Cad.
	{C}	

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Week	Class Day	Theory / Practical Topics
12th week	2nd day	→ different command in Auto cad.
	3rd day	→ Introduction of Auto cad.
	{D} 4th day	→ different command in Auto cad.
	1st day	→ Auto cad practice class.
13th week	{C} 2nd day	→ Arc Circle Method of ellipse practice.
	3rd day	→ Auto cad practice class.
	{D} 4th day	→ Arc Circle Method of ellipse practice.
	1st day	→ Auto cad practice class.
14th week	{C} 2nd day	→ Draw projection of point practice.
	3rd day	→ Auto cad practice class.
	{D} 4th day	→ Draw projection of point practice.
	1st day	→ projection of straight line practice.
15th week	{C} 2nd day	→ projection of plane practice.
	3rd day	→ projection of point practice.
	{D} 4th day	→ projection of straight line.
	1st day	→ Single room building plan practice.
	{C} 2nd day	→ Single room building Elevation.
	3rd day	→ Single room building plan practice.
	{D} 4th day.	→ Single room building Elevation. practice.