

DHABALESWAR INSTITUTE OF POLYTECHNIC

LESSON PLAN

Discipline: MECH	Semester: 4TH	Name of the Teaching Faculty S.K. Senapati
Subject: TOM LAB (PRA)	No. of days per week Class Alloted: 5	Semester from Dt. 14.02.2023 to Dt. 23.05.2023 No. of Weeks: 15
Week	Class Day	Theory / Practical Topics
1st	1st 2nd	1. Determination of centrifugal force of a governor (Hartnell/Walker/Ponster)
2nd	1st 2nd	2. Study & demonstration of static balancing apparatus.
3rd	1st 2nd	3. Study & demonstration of Journal bearing apparatus.
4th	1st 2nd	4. Study of different types of Cam & followers.
5th	1st 2nd	5. Study & demonstration of epicyclic gear train.
6th	1st 2nd	6. Determination of thickness of ground M.S flat to an accuracy of 0.02 mm using Vernier Calliper.
7th	1st 2nd	7. Determination of diameter of a cylindrical component to an accuracy of 0.01 mm using micrometer.
8th	1st 2nd	
9th	1st 2nd	
10th	1st 2nd	
11th	1st 2nd	

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12th	1st	8. Determine the heights of gauge blocks on Parallel bars to accuracy of 0.02mm using Vernier height gauge.
13th	2nd	
14th	1st day	9. Determine the thickness of ground MS Plates using slip gauges.
15th	1st	10. Determination of angle of Machined Surfaces of components using sine bar with slip gauge.