


# Lesson Plan

<b>Discipline:</b> Mechanical	<b>Semester:</b> 4th	<b>Name of the Teaching Faculty:</b> BIBEKANANDA ROUT
<b>Subject: THEORY OF MACHINE LAB</b>	No. Of Days/Week Class Allotted-4	Semester from Date: 14/02/23 To Date: 23/05/23 No. of Weeks-15

CLASSES	TOPICS	WEEK
1	Determination of centrifugal force of a governor (Hart Nell / Watt/Porter).	1ST
2	Determination of centrifugal force of a governor (Hart Nell / Watt/Porter).	
3	Determination of centrifugal force of a governor (Hart Nell / Watt/Porter).	2ND
4	Study & demonstration of static balancing apparatus.	
5	Study & demonstration of static balancing apparatus.	3RD
6	Study & demonstration of static balancing apparatus.	
7	Study & demonstration of journal bearing apparatus.	4TH
8	Study & demonstration of journal bearing apparatus.	
9	Study & demonstration of journal bearing apparatus.	5TH
10	Study of different types of Cam and followers.	
11	Study of different types of Cam and followers.	6TH
12	Study of different types of Cam and followers.	
13	Study & demonstration of epicyclic gear train.	7TH
14	Study & demonstration of epicyclic gear train.	
15	Study & demonstration of epicyclic gear train.	8TH
16	Determination of the thickness of ground M.S flat to an accuracy of 0.02mm using Vernier Caliper .	

  
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17	Determination of the thickness of ground M.S flat to an accuracy of 0.02mm using Vernier Caliper .	9TH
18	Determination of the thickness of ground M.S flat to an accuracy of 0.02mm using Vernier Caliper .	
19	Determination of diameter of a cylindrical component to an accuracy of 0.01mm using Micrometer .	10TH
20	Determination of diameter of a cylindrical component to an accuracy of 0.01mm using Micrometer .	
21	Determination of diameter of a cylindrical component to an accuracy of 0.01mm using Micrometer .	11th
22	Determine the heights of gauge blocks or parallel bars to accuracy of 0.02mm using Vernier height gauge.	
23	Determine the heights of gauge blocks or parallel bars to accuracy of 0.02mm using Vernier height gauge.	12TH
24	Determine the heights of gauge blocks or parallel bars to accuracy of 0.02mm using Vernier height gauge.	
25	Determine the thickness of ground MS plates using slip gauges.	13TH
26	Determine the thickness of ground MS plates using slip gauges.	
27	Determine the thickness of ground MS plates using slip gauges.	14TH
28	Determination of angel of Machined surfaces of components using sin bar with slip gauges.	
29	Determination of angel of Machined surfaces of components using sin bar with slip gauges.	15TH
30	Determination of angel of Machined surfaces of components using sin bar with slip gauges.	

Bibekananda Rout  
FACULTY SIGNATURE

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ACADEMIC COORDINATOR

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