

LESSON PLAN

Discipline: Electrical. Engg.	Semester: Third (3 rd)	Name of the Lab I/C: Er Ashok Kumar Bhuyan
Subject: Mech. Engg. Lab	No. of days/week class allotted: Three (3)	Semester from Date: 15.09.22 to Date: 22.12.22 No. of Weeks: 15
WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
1 st	1 st	Introduction class
	2 nd	Determination of M.A.V.R and efficiency of screw jack
	3 rd	
2 nd	1 st	Review class
	2 nd	
	3 rd	Determination of Young's modulus by Searle's apparatus
3 rd	1 st	
	2 nd	
	3 rd	Review class
4 th	1 st	study of universal testing machine and determination of tensile stress and young's module of M.S specification
	2 nd	
	3 rd	
5 th	1 st	Review class
	2 nd	Study of pressure measuring device such as(a) piezometer (b) simple manometer
	3 rd	
6 th	1 st	Review class
	2 nd	

	3 rd	
7 th	1 st	Study of venturimeter
	2 nd	
	3 rd	Review class
8 th	1 st	Verification of Bernoulli's theorem
	2 nd	
	3 rd	
9 th	1 st	Review class
	2 nd	Model study of centrifugal pumps, Francis turbine, Kaplan Turbine and Pelton wheel.
	3 rd	
10 th	1 st	Review class
	2 nd	
	3 rd	
11 th	1 st	Study of Cochran Boiler
	2 nd	
	3 rd	Review class
12 th	1 st	Study and demonstration of steam engine
	2 nd	
	3 rd	
13 th	1 st	Review class
	2 nd	Study and demonstration of Diesel engine
	3 rd	
	1 st	

14 th	2 nd	Review class
	3 rd	Study and demonstration of petrol engine
15 th	1 st	
	2 nd	
	3 rd	Review class