LESSON PLAN
DEPARTMENT OF MECHANICAL ENGINEERING, G P NAYAGARH

SUBJECT: MECHANICAL ENGG LAB-II

Periods: 6 per week for a group   **No. of weeks:** 15   **SEMESTER:** 4th

NAME OF FACULTY: SUCHISMITA BEHERA, LECT. (GF)

RAMYA RASHMI ROUT, LECT.(GF)

Week	Class Day	Theory / Practical Topics
1st	1st	Study of 2-S petrol & diesel engine models
	2nd	Study of 2-S petrol & diesel engine models
2nd	1st	Study of 2-S petrol & diesel engine models
	2nd	Determine the brake thermal efficiency of single cylinder petrol engine.
3rd	1st	Determine the brake thermal efficiency of single cylinder petrol engine.
	2nd	Determine the brake thermal efficiency of single cylinder petrol engine.
4th	1st	Determine the brake thermal efficiency of single cylinder diesel engine.
	2nd	Determine the brake thermal efficiency of single cylinder diesel engine.
5th	1st	Determine the brake thermal efficiency of single cylinder diesel engine.
	2nd	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
6th	1st	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
	2nd	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
7th	1st	Determine the mechanical efficiency of an air Compressor.
	2nd	Determine the mechanical efficiency of an air Compressor.
8th	1st	Determine the mechanical efficiency of an air Compressor.
	2nd	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
9th	1st	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
	2nd	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
10th	1st	Verification of Bernoulli's theorem .
	2nd	Verification of Bernoulli's theorem.
11th	1st	Verification of Bernoulli's theorem .
	2nd	Determination of Cd from venturimeter
12th	1st	Determination of Cd from venturimeter
	2nd	Determination of Cd from venturimeter
13th	1st	Determination of Cc, Cv, Cd from orifice meter
	2nd	Determination of Cc, Cv, Cd from orifice meter
14th	1st	Determination of Cc, Cv, Cd from orifice meter
	2nd	Determine of Darcy's coefficient from flow through pipe
15th	1st	Determine of Darcy's coefficient from flow through pipe
	2nd	Determine of Darcy's coefficient from flow through pipe

Suchismita Behera
Lect. (GF)
Date- 15/01/2024

Ramya Rashmi Rout
Lect.(GF)
Date 15/01/2024