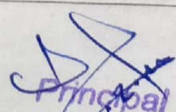


Discipline: MECHANICAL ENGG	Semester: 6th	Name of the Teaching Faculty:
Subject: POWER STATION ENGINEERING LAB	No. of days/p er week class allo tted: 4	Semester From date: To Date: No. of Weeks: 15
Week	Class Day	Theory/Practical Topics
1 ST	1 ST	Study of 2-S, 4-S petrol & diesel engine models
	2 ND	Study of 2-S, 4-S petrol & diesel engine models
	3 RD	Study of 2-S, 4-S petrol & diesel engine models
	4 TH	Study of 2-S, 4-S petrol & diesel engine models
2 ND	1 ST	Study of 2-S, 4-S petrol & diesel engine models
	2 ND	Study of 2-S, 4-S petrol & diesel engine models
	3 RD	Determine the brake thermal efficiency of single cylinder petrol engine.
	4 TH	Determine the brake thermal efficiency of single cylinder petrol engine.
3 RD	1 ST	Determine the brake thermal efficiency of single cylinder petrol engine.
	2 ND	Determine the brake thermal efficiency of single cylinder petrol engine.
	3 RD	Determine the brake thermal efficiency of single cylinder petrol engine.
	4 TH	Determine the brake thermal efficiency of single cylinder petrol engine.
4 TH	1 ST	Determine the brake thermal efficiency of single cylinder diesel engine.
	2 ND	Determine the brake thermal efficiency of single cylinder diesel engine.
	3 RD	Determine the brake thermal efficiency of single cylinder diesel engine.
	4 TH	Determine the brake thermal efficiency of single cylinder diesel engine.
5 TH	1 ST	Determine the brake thermal efficiency of single cylinder diesel engine.
	2 ND	Determine the brake thermal efficiency of single cylinder diesel engine.
	3 RD	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
	4 TH	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
6 TH	1 ST	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
	2 ND	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
	3 RD	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
	4 TH	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
7 TH	1 ST	Determine the mechanical efficiency of an air Compressor.
	2 ND	Determine the mechanical efficiency of an air Compressor.
	3 RD	Determine the mechanical efficiency of an air Compressor.
	4 TH	Determine the mechanical efficiency of an air Compressor.
8 TH	1 ST	Determine the mechanical efficiency of an air Compressor.
	2 ND	Determine the mechanical efficiency of an air Compressor.


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	3 RD	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
	4 TH	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
9 TH	1 ST	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
	2 ND	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
	3 RD	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
	4 TH	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
10 TH	1 ST	Verification of Bernoulli's theorem
	2 ND	Verification of Bernoulli's theorem
	3 RD	Verification of Bernoulli's theorem
	4 TH	Verification of Bernoulli's theorem
11 TH	1 ST	Verification of Bernoulli's theorem
	2 ND	Verification of Bernoulli's theorem
	3 RD	Determination of Cd from venturimeter
	4 TH	Determination of Cd from venturimeter
12 TH	1 ST	Determination of Cd from venturimeter
	2 ND	Determination of Cd from venturimeter
	3 RD	Determination of Cd from venturimeter
	4 TH	Determination of Cd from venturimeter
13 TH	1 ST	Determination of Cc, Cv, Cd from orifice meter
	2 ND	Determination of Cc, Cv, Cd from orifice meter
	3 RD	Determination of Cc, Cv, Cd from orifice meter
	4 TH	Determination of Cc, Cv, Cd from orifice meter
14 TH	1 ST	Determination of Cc, Cv, Cd from orifice meter
	2 ND	Determination of Cc, Cv, Cd from orifice meter
	3 RD	Determine of Darcy's coefficient from flow through pipe
	4 TH	Determine of Darcy's coefficient from flow through pipe
15 TH	1 ST	Determine of Darcy's coefficient from flow through pipe
	2 ND	Determine of Darcy's coefficient from flow through pipe
	3 RD	Determine of Darcy's coefficient from flow through pipe
	4 TH	Determine of Darcy's coefficient from flow through pipe

Balla Pawani

Signature of The Faculty

B.S. Pawani
09/02/23

Signature of The HOD

B.S. Pawani
09/02/23

Signature of The Academic Coordinator

B.S. Pawani
Signature of The Principal
Govt. Polytechnic
Malkajgiri, (Qdisha)