		GOVERNMEN F POLYTECHNIC JAJPUR
		DEPARTMENT OF MECHANICAL ENGINEERING
		LESSON PLAN
Discipline:		La Control Citariali Cathi Se Jast Mach
Mechanical	Semester: 4th	Name of the Teaching faculty: Gitanjali Sethi, Sr. Lect. Mech To Date: 26/04/2024
Subject: ME LAS-II (PR-2)	No of	Semester From Date. 10.02.2024
	Days/Week class alloted:	No of weeks: 15
	6р	Topics
Week	Class Day	EXP-1 Study of 2-S, 4-S petrol & diesel engine models
1st	1st(3p)	Aim of the experiment, model details, basic working principle.
	2nd(3p)	EXP-1 Study of 2-S, 4-S petrol & diesel engine models.
		Aim of the experiment, model details, basic working principle.
	3rd(3p)	EXP-1 Study of 2-5, 4-5 petrol & diesel engine models.
		Aim of the experiment, model details, basic working principle.
2nd	4th(3p)	EXP-2 Determine the brake thermal efficien by of single cylinder petrol engine.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
	5th(3p)	EXP-2 Determine the brake thermal efficientry of single cylinder petrol engine.
3rd		Aim of the experiment, equipment details, ba ic working principle, procedure, tabulation& calculation.
	6th(3p)	EXP-2 Determine the brake thermal efficiently of single cylinder petrol engine.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
	7th(3p)	EXP-3 Determine the brake thermal efficienty of single cylinder diesel engine.
4th		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
	8th(3p)	EXP-3 Determine the brake thermal efficiency of single cylinder diesel engine. Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
	9th(3p)	Aim of the experiment, equipment details, basic working principle, procedure, tabulation at the brake thermal efficiency of single cylinder diesel engine.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
5th		EXP-4 Determine the B.H.P, I.H.P BSFC of a roulti cylinder engine by Morse test.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
6th		EXP-4 Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
	11th(3p)	Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
		EXP-4 Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
		EXP-5 Determine the mechanical efficiency of an air Compressor.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
7 th	14th(3p)	EXP-5 Determine the mechanical efficiency of an air Compressor.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
	15th(3p)	EXP-5 Determine the mechanical efficiency of an air Compressor.
8th		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
Bin		XP-6 Study of pressure measuring devices manometer, Bourdon tube pressure gauge).
	1/	Aim of the experiment, model details, basic working principle
9th	17th(3p)	XP-6 Study of pressure measuring devices manometer, Bourdon tube pressure gauge).
		Aim of the experiment, model details, basic working principle
	18th(3p)	XP-6 Study of pressure measuring devices manometer, Bourdon tube pressure gauge).
		im of the experiment, model details, basic working principle
10th -	19th(3p) 20th(3p)	XP-7 Verification of Bernoulli's theorem.
		im of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
		XP-7 Verification of Bernoulli's theorem. sim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
11th -	21st(3p) A 22nd(3p) E	XP-7 Verification of Bernoulli's theorem. Jim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
		XP-8 Determination of Cd from venturimeter. Sim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
12th	23rd(3p)	XP-8 Determination of Cd from venturimeter. Sim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
	F	im of the experiment, equipment details, basic working principle, pro-

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13th	25th(3p)	Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation. EXP-9 Determination of Cc, Cv, Cd from orifice meter.
		Aim of the experiment, equipment details, basic working p inciple, procedure, tabulation& calculation.
	1 26th/3nl	the S Betermination of Cc, CV, Cti from critice meter.
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
14th	27th/3n1	and a second of Ct, Cv, Cd from office meter
		Aim of the experiment, equipment details, basic working principle, present an analysis of the experiment, equipment details, basic working principle, present an analysis of the experiment, equipment details, basic working principle, present an analysis of the experiment, equipment details, basic working principle, present an analysis of the experiment, equipment details, basic working principle, present and the experiment details, basic working principle, present and the experiment details and the experiment details.
	28th(3p)	The state of bailty's coefficient from flow through pine
		Aim of the experiment, equipment details, basic working principle procedure to include a
15th	29th(3n)	The state of barry's coefficient from flow through pipe
		Aim of the experiment, equipment details, basic working p inciple, procedure, tabulation& calculation.
	1 30th(3n)	to barry's coefficient from flow through place
		Aim of the experiment, equipment details, basic working principle, procedure, tabulation& calculation.
		and procedure, tabulation & calculation

Sign of Faculty
G-Sethir,
Sr-Lect-Mech.