GOVERNMENT POLYTECHNIC JAJPUR

A/ P: Ragadi, Block: Korei, Dist.: Jajpur, Odisha- 755019

Website: https://www.gpjajpur.org E-mail: principalgpjajpur@yahoo.co.in Contact: 9437155107

DEPARTMENT OF MECHANICAL ENGINEERING LESSON PLAN (2023-24)

Discipline: Mechanical	Semester: 6TH	Name of the Teaching faculty: KEDARNATH JENA
Subject: A E LAB (PR-1)	No of Days/Week	Semester from Date: 16.01.2024 To Date: 26.04.2024 No of weeks: 15
	class alloted: 4	
Week	Class Day	Topics
	1st (2p), Gr 1	Study of Automobile chassis.
		i) Aim of the expt
		ii) Demonstration of different parts and their function of automobile chesis.
		Study of Automobile chassis.
1st	2nd (2p), Gr 2	i) Aim of the expt
131		ii) Demonstration of different parts and their function of automobile chesis.
	1st (2n) Cr 1	Study of Automobile chassis.
	1st (2p), Gr 1	i) Demonstration of different parts and their function of automobile chesis.
	2 - 4 (2 -)	Study of Automobile chassis.
	2nd (2p), Gr 2	i) Demonstration of different parts and their function of automobile chesis.
	1. (2.) 6.1	Study of Automobile chassis.
	1st (2p), Gr 1	i) Record check.
	2md (2m) Cr 2	Study of Automobile chassis.
2nd	2nd (2p), Gr 2	i) Record check.
Znu	1-1/2 \ 0 1	Study of Automobile chassis.
	1st (2p), Gr 1	i) Viva and assessment.
	2nd (2p), Gr 2	Study of Automobile chassis.
		i) Viva and assessment.
	2nd (2p), Gr 1	Study the differential mechanism of the Tractor.
		i) Demonstrate and explain the differential mechanism of tractor.
	2nd (2n) Gr 2	Study the differential mechanism of the Tractor.
3rd	2nd (2p), Gr 2	i) Demonstrate and explain the differential mechanism of tractor.
Sid	1st (2p), Gr 1	Study the differential mechanism of the Tractor.
		i) Record check .
	2nd (2p), Gr 2	Study the differential mechanism of the Tractor.
	2110 (25), 012	i) Record check.
	1st (2p), Gr 1	Study the differential mechanism of the Tractor.
	(20) 3. 1	i) Viva and assessment.
4th	2nd (2p), Gr 2	Study the differential mechanism of the Tractor.
		i) Viva and assessment.
	1st (2p), Gr 1	Study the hydraulic braking system of automobile.
		i) Aim of the expt
		ii) Demonstrate and explain the function of hydraulic braking system.

	2nd (2p), Gr 2	Study the hydraulic braking system of automobile.
		i) Demonstrate and explain the function of hydraulic braking system.
	1st (2p), Gr 1	Study the hydraulic braking system of automobile.
		i) Record check ,.
	2nd (2p), Gr 2	Study the hydraulic braking system of automobile.
 1		i) Record check.
5th	1st (2p), Gr 1	Study the hydraulic braking system of automobile.
		i) Viva and assessment
	2nd (2p), Gr 2	
		Study the hydraulic braking system of automobile. i) Viva and assessment
	1st (2p), Gr 1	Study the cut section model of carburetor solex type and maruti car type.
		i) Aim of the expt
		i) Demonstrate and explain the working of solex type carburator through
		cut section.
	0.1/5.1	Study the cut section model of carburetor solex type and maruti car type.
	2nd (2p), Gr 2	i) Demonstrate and explain the working of solex type carburator through
6th		cut section.
		Study the cut section model of carburetor solex type and maruti car type.
	1st (2p), Gr 1	i) Aim of the expt
	101 (26), 01 1	ii) Demonstrate and explain the working of maruti type carburator
		through cut section.
	2nd (2p), Gr 2	Study the cut section model of carburetor solex type and maruti car type.
		i) Demonstrate and explain the working of maruti type carburator
		through cut section.
	1st (2p), Gr 1	Study the cut section model of carburetor solex type and maruti car type.
	130 (29), 01 1	i) Record check.
	2nd (2p), Gr 2	Study the cut section model of carburetor solex type and maruti car type.
7th		i) Record check.
7.00	1st (2p), Gr 1	Study the cut section model of carburetor solex type and maruti car type.
		i) Viva and assessment
	2nd (2p), Gr 2	Study the cut section model of carburetor solex type and maruti car type.
		i) Viva and assessment
	1st (2p), Gr 1	Study the fuel pump cut section model.
		i) Aim of the expt
		ii) Demonstrate and explain the working of fuel pump through cut
		section.
	2nd (2p), Gr 2	Study the fuel pump cut section model.
8th		i) Demonstrate and explain the working of fuel pump through cut
		section.
	1st (2p), Gr 1	Study the fuel pump cut section model.
		i) Record check.
	2nd (2p), Gr 2	Study the fuel pump cut section model.
		i) Record check.
	1st (2p), Gr 1	Study the fuel pump cut section model.
		i) Viva and assessment
		Study the fuel pump cut section model.
	2nd 12n1 Gr 2	orday the fuel pump cut section model.

	2114 (24), 01 2	i) Viva and assessment
9th		Study the fuel pump cut section model.
	1st (2p), Gr 1 2nd (2p), Gr 2	i) Viva and assessment
		Study the fuel pump cut section model.
		i) Viva and assessment
		Study the actual cut section of gear box.
		i) Aim of the expt
	1st (2p), Gr 1	i) Aim of the expt
		ii) Demonstrate and explain the working of gear box through cut section.
10th	2nd (2p), Gr 2	Study the actual cut section of gear box.
1000		i) Demonstrate and explain the working of gear box through cut section.
	1st (2p), Gr 1	Study the actual cut section of gear box.
		i) Record check.
	2nd (2p), Gr 2	Study the actual cut section of gear box.
		i) Record check.
	1st (2p), Gr 1	Study the actual cut section of gear box.
	15t (2p), Gr 1	i) Viva and assessment
	0 115	Study the actual cut section of gear box.
	2nd (2p), Gr 2	i) Viva and assessment
		Study the actual car engine.
11th		i) Aim of the expt
	1st (2p), Gr 1	I Third State expt
		ii) Demonstrate and explain the working of gear box through cut section.
		Study the actual car engine.
	2nd (2p), Gr 2	
		i) Demonstrate and explain the working of gear box through cut section.
	400 (0.) 6.4	Study the actual car engine.
	1st (2p), Gr 1	i) Aim of the expt
		ii) Demonstrate and explain the working of gear box through cut section.
	2-1/2-1-6-2	Study the actual car engine.
12th	2nd (2p), Gr 2	i) Demonstrate and evaluing the warding of
		i) Demonstrate and explain the working of gear box through cut section. Study the actual car engine.
	1st (2p), Gr 1	i) Record check .
	2nd (2p), Gr 2	Study the actual car engine.
		i) Record check.
		Study the actual car engine.
	1st (2p), Gr 1	i) Viva and assessment
40.1	2nd (2p), Gr 2	Study the actual car engine.
13th		i) Viva and assessment
	1st (2p), Gr 1	Add on any experiment related to AE.
	2nd (2p), Gr 2	Add on any experiment related to AE.
	1st (2p), Gr 1	Add on any experiment related to AE.
14th	2nd (2p), Gr 2	Add on any experiment related to AE.
2.7611	1st (2p), Gr 1	Doubt clearing about any experiment.

		2nd (2p), Gr 2	Doubt clearing about any experiment.
-		1st (2p), Gr 1	Grand Viva.
		2nd (2p), Gr 2	Grand Viva.
15th	15th	1st (2p), Gr 1	Grand Viva.
			Grand Viva.

Signature of Faculty

.