

GOVERNMENT POLYTECHNIC JAJPUR

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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 class allotted: 4	Semester from Date: 16.01.2024 To Date: 26.04.2024 No of weeks: 15
Week	Class Day	Topics
1st	1st (2p), Gr 1	Study of Automobile chassis.
		i) Aim of the expt ii) Demonstration of different parts and their function of automobile chesis.
	2nd (2p), Gr 2	Study of Automobile chassis.
		i) Aim of the expt ii) Demonstration of different parts and their function of automobile chesis.
	1st (2p), Gr 1	Study of Automobile chassis.
		i) Demonstration of different parts and their function of automobile chesis.
	2nd (2p), Gr 2	Study of Automobile chassis.
		i) Demonstration of different parts and their function of automobile chesis.
2nd	1st (2p), Gr 1	Study of Automobile chassis.
		i) Record check.
	2nd (2p), Gr 2	Study of Automobile chassis.
		i) Record check.
	1st (2p), Gr 1	Study of Automobile chassis.
		i) Viva and assessment.
	2nd (2p), Gr 2	Study of Automobile chassis.
		i) Viva and assessment.
3rd	2nd (2p), Gr 1	Study the differential mechanism of the Tractor.
		i) Demonstrate and explain the differential mechanism of tractor.
	2nd (2p), Gr 2	Study the differential mechanism of the Tractor.
		i) Demonstrate and explain the differential mechanism of tractor.
	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.
		i) Record check.
4th	1st (2p), Gr 1	Study the differential mechanism of the Tractor.
		i) Viva and assessment.
	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.
5th	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. i) Record check.
	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
6th	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 carburetor 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 solex type carburetor through cut section.
	1st (2p), Gr 1	Study the cut section model of carburetor solex type and maruti car type. i) Aim of the expt ii) Demonstrate and explain the working of maruti type carburetor 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 carburetor through cut section.
7th	1st (2p), Gr 1	Study the cut section model of carburetor solex type and maruti car type. i) Record check.
	2nd (2p), Gr 2	Study the cut section model of carburetor solex type and maruti car type. i) Record check.
	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
8th	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. 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
	2nd (2p), Gr 2	Study the fuel pump cut section model.

9th		i) Viva and assessment
	1st (2p), Gr 1	Study the fuel pump cut section model. i) Viva and assessment
	2nd (2p), Gr 2	Study the fuel pump cut section model. i) Viva and assessment
10th	1st (2p), Gr 1	Study the actual cut section of gear box. i) Aim of the expt ii) Demonstrate and explain the working of gear box through cut section.
	2nd (2p), Gr 2	Study the actual cut section of gear box. 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.
11th	1st (2p), Gr 1	Study the actual cut section of gear box. i) Viva and assessment
	2nd (2p), Gr 2	Study the actual cut section of gear box. i) Viva and assessment
	1st (2p), Gr 1	Study the actual car engine. i) Aim of the expt ii) Demonstrate and explain the working of gear box through cut section.
	2nd (2p), Gr 2	Study the actual car engine. i) Demonstrate and explain the working of gear box through cut section.
12th	1st (2p), Gr 1	Study the actual car engine. i) Aim of the expt ii) Demonstrate and explain the working of gear box through cut section.
	2nd (2p), Gr 2	Study the actual car engine. i) Demonstrate and explain the working of gear box through cut section.
	1st (2p), Gr 1	Study the actual car engine. i) Record check .
	2nd (2p), Gr 2	Study the actual car engine. i) Record check.
13th	1st (2p), Gr 1	Study the actual car engine. i) Viva and assessment
	2nd (2p), Gr 2	Study the actual car engine. 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.
14th	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	Doubt clearing about any experiment.

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


13.01.24
Signature of Faculty