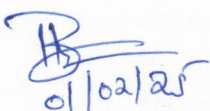


Discipline: <u>MECHANICAL</u>	Semester: <u>6th</u>	Name of the Teaching Faculty: KEDAR PRUSTY, LECTURER(GF)
Subject: AE -LAB	No. of days/perweek class allotted: 04	Semester From date: 04.02.2025 To date: 17.05.2025 No of weeks: 15
Week	Class Day	Topics:
1st	1st, M1	Aim of the experiment : Study of Automobile chassis.
	2nd, M2	Aim of the experiment : Study of Automobile chassis.
	3rd, M1	Study of Automobile chassis: Apparatus required, Theory
	4th, M2	Study of Automobile chassis: Apparatus required, Theory
2nd	1st, M1	Study of Automobile chassis: Conventional construction, Frameless construction, Function of the frame.
	2nd, M2	Study of Automobile chassis: Conventional construction, Frameless construction, Function of the frame.
	3rd, M1	Study of Automobile chassis: Load on the frame, Frame construction, Material for frame, Conclusion, Viva, Record checking.
	4th, M2	Study of Automobile chassis: Load on the frame. Frame construction. Material for frame. Conclusion, Viva, Record checking.
3rd	1st, M1	Aim of the experiment : Study the differential mechanism of the Tractor
	2nd, M2	Aim of the experiment : Study the differential mechanism of the Tractor
	3rd, M1	Study the differential mechanism of the Tractor: Apparatus required, Theory
	4th, M2	Study the differential mechanism of the Tractor: Apparatus required, Theory
4th	1st, M1	Study the differential mechanism of the Tractor: Components of differential, Function.
	2nd, M2	Study the differential mechanism of the Tractor: Components of differential, Function.
	3rd, M1	Study the differential mechanism of the Tractor: Working principle, Conclusion, Viva, Record checking
	4th, M2	Study the differential mechanism of the Tractor: Working principle, Conclusion, Viva, Record checking.
5th	1st, M1	Aim of the experiment: To study hydraulic braking system.
	2nd, M2	Aim of the experiment: To study hydraulic braking system.
	3rd, M1	To study hydraulic braking system: Apparatus required, Theory, Components of hydraulic brake
	4th, M2	To study hydraulic braking system: Apparatus required, Theory, Components of hydraulic brake

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6 th	1 st , M1	To study hydraulic braking system: Conclusion, Viva, Record checking.
	2 nd , M2	To study hydraulic braking system: Conclusion, Viva, Record checking.
	3 rd , M1	Aim of the experiment: Study the cut section model of carburetor solex type and maruti car type.
	4 th , M2	Aim of the experiment: Study the cut section model of carburetor solex type and maruti car type.
7 th	1 st , M1	Study the cut section model of carburetor solex type and maruti car type: Theory, Float Circuit.
	2 nd , M2	Study the cut section model of carburetor solex type and maruti car type: Theory, Float Circuit.
	3 rd , M1	Study the cut section model of carburetor solex type and maruti car type: Working principle, Conclusion, Viva, Record checking.
	4 th , M2	Study the cut section model of carburetor solex type and maruti car type: Working principle, Conclusion, Viva, Record checking.
8 th	1 st , M1	Aim of the experiment: Study the fuel pump cut section model
	2 nd , M2	Aim of the experiment: Study the fuel pump cut section model
	3 rd , M1	Study the fuel pump cut section model: Theory, Circuit diagram.
	4 th , M2	Study the fuel pump cut section model: Theory, Circuit diagram.
9 th	1 st , M1	Study the fuel pump cut section model: Working principle, Conclusion, Viva, Record checking.
	2 nd , M2	Study the fuel pump cut section model: Working principle, Conclusion, Viva, Record checking.
	3 rd , M1	Aim of the experiment: Study the actual cut section of gear box.
	4 th , M2	Aim of the experiment: Study the actual cut section of gear box.
10 th	1 st , M1	Study the actual cut section of gear box: Theory, Circuit diagram.
	2 nd , M2	Study the actual cut section of gear box: Theory, Circuit diagram.
	3 rd , M1	Study the actual cut section of gear box: Working principle, Conclusion, Viva, Record checking.
	4 th , M2	Study the actual cut section of gear box: Working principle, Conclusion, Viva, Record checking.
11 th	1 st , M1	Aim of the experiment: Study of actual car engine.
	2 nd , M2	Aim of the experiment: Study of actual car engine.
	3 rd , M1	Study of actual car engine: Theory, Circuit diagram.
	4 th , M2	Study of actual car engine: Theory, Circuit diagram.
12 th	1 st , M1	Study of actual car engine: Working principle, Conclusion .
	2 nd , M2	Study of actual car engine: Working principle, Conclusion .
	3 rd , M1	Study of actual car engine: Viva, Record checking.
	4 th , M2	Study of actual car engine: Viva, Record checking.

13 th	1 st , M1	Any skipped experiment done by student.
	2 nd , M2	Any skipped experiment done by student.
	3 rd , M1	Any skipped experiment done by student.
	4 th , M2	Any skipped experiment done by student.
14 th	1 st , M1	Record checking.
	2 nd , M2	Record checking.
	3 rd , M1	Viva.
	4 th , M2	Viva.
15 th	1 st , M1	Sessional.
	2 nd , M2	Sessional.
	3 rd , M1	Final submission.
	4 th , M2	Final submission.


01/02/25

H.O.D. Mechanical

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