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

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

01/02/25

H.O.D. Mechanical

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