

**M.E. (Automobile Engineering)
Semester– I**

Sr. No.	Name of the Subject	Teaching Scheme		Examination			Total Marks
		L	T/P	T/W	TP	Oral	
1	Design of Experiments & Research Methodology	3	1	25	100	--	125
2	Automotive Engines & Emission	3	1	25	100	--	125
3	Theory of Elasticity & Reliability	3	1	25	100	--	125
4	Transmission System Theory & Design	4	2	25	100	--	125
5	Elective – I	3	1	25	100	--	125
6	Seminar – I	--	2	25	--	--	25
Total		16	8	150	500	--	650

L – Lecture, T/P – Tutorial / Practical, T/W – Term Work, TP – Theory Examination

Electives I :

- | | |
|----------------------------------|--------------------------------------|
| 1. Finite Element Analysis | 4. Vehicle Instrumentation & Testing |
| 2. Hydraulic & Pneumatic Systems | 5. Automobile Air Conditioning |
| 3. Combustion Engineering | |

Semester – II

Sr. No.	Name of the Subject	Teaching Scheme		Examination			Total Marks
		L	T/P	T/W	TP	Oral	
1	Engine Design	3	1	25	100	--	125
2	Chassis & Body Engg.	3	1	25	100	--	125
3	Vehicle Dynamics	4	1	25	100	--	125
4	Noise & Vibration	4	1	25	100	--	125
5	Elective – II	3	1	25	100	--	125
6	Seminar – II	--	2	25	--	--	25
7	Industrial Training *	--	--	--	--	--	--
Total		17	7	150	500	--	650

Electives II :

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|------------------------------------|----------------------------------------|
| 1. Computational Fluid Dynamics | 4. Automotive Maintenance & Management |
| 2. Human Resource Development | 5. Tribology |
| 3. Advanced Automotive Electronics | |

* Report of Industrial training undertaken in the vacation after Semester II, is to be submitted in Semester-III.

Semester – III

Sr. No.	Name of the Subject	Teaching Scheme		Examination			Total Marks
		L	T/P	T/W	TP	Oral	
1	Industrial Training Report	--	--	50	--	--	50
2	Seminar – III	--	1	50	--	--	50
3	Dissertation – Phase I	--	4	50	--	--	50
Total		--	5	150	--	--	150

Semester – IV

Sr. No.	Name of the Subject	Teaching Scheme		Examination			Total Marks
		L	T/P	T/W	TP	Oral	
1	Dissertation	--	5	100	--	200	300
Total		--	5	100	--	200	300