

School Name: School of Engineering
Department Name : Mechanical Engineering
Programme Name: M. Tech in Automobile Engineering
Scheme: 2016-2018

SEMESTER I						
S No	Course Code	Course Title	L	T	P	C
1	MAT502	Advanced Numerical and Statistical Methods	3	1	0	4
2	AME 511	Automotive Engine & Emission	3	0	0	3
3	AME 512	Transmission System Theory & Design	3	0	0	3
4	AME 513	Engine Design	3	0	0	3
5	AME 514	Chassis and Body Engineering	3	0	0	3
6	AME 515	Automotive Vehicle Dynamics	3	0	0	3

SEMESTER II						
S No	Course Code	Course Title	L	T	P	C
1	ENG 584	Professional and Communication Skills	0	0	4	2
2	MEE 521	Finite Element Methods	2	1	0	3
3	AME 521	Combustion Engineering	3	0	0	3
4	AME 522	Computational Fluid Dynamics	3	0	0	3
5	AME 541	Transmission System Design Lab	0	0	2	1
6	AME 542	Engine Testing and Pollution Measurement Lab	0	0	0	1
7		Elective 1	3	0	0	3
8		Elective 2	3	0	0	3

SEMESTER III						
S No	Course Code	Course Title	L	T	P	C
1	AME 651	Vehicle Testing Lab	0	0	2	1
2	AME 652	Automotive Engine and Chassis Components Lab	0	0	2	1
3	AME 698	Dessertation-1	0	0	0	5
4		Elective 3	3	0	0	3
5		Elective 4	3	0	0	3
6		Elective 5	3	0	0	3

SEMESTER IV						
S No	Course Code	Course Title	L	T	P	C
1	AME 699	Dessertation-2	-	-	-	15

Programme Elective (Total Credits to be taken = 15 for 5 courses)						
S. No.	Course Code	Course Title	L	T	P	C
1	AME561	Simulation of Automobile Systems	3	0	0	3
2	AME562	Automobile Air Conditioning	3	0	0	3
3	AME563	Transport Management	3	0	0	3
4	AME675	Vehicle Aerodynamics	3	0	0	3
5	AME564	Vehicle Maintenance and Fleet Management	3	0	0	3
6	AME565	Tractor and Farm Equipments	3	0	0	3
7	MEE 671	Design and Analysis of Experiments	3	0	0	3
8	AME672	Special Purpose Vehicles	3	0	0	3
9	AME673	Safety,Health and Environment	3	0	0	3
10	AME671	Alternative Fuels and Power Systems	3	0	0	3
11	AME674	Hydraulics and Pneumatics	3	0	0	3
12	AME 676	Automotive Safety	3	0	0	3