

Tech. in Automobile Engineering

Breakup of Courses

S. No	Category	Total Credits
1	University Core	7
2	Programme Core	50
3	Programme Elective	15
<b>Minimum Qualifying Credits</b>		<b>70</b>
<b>Total Credits Offered</b>		<b>72</b>

University Core

S. No.	Course Code	Course Title	L	T	P	C
1	ENG551/ FRE501/ GER501/ ESP501/ JAP501	Professional and Communication Skills (or)	0	0	4	2
		Foreign Language	2	0	0	2
2	MAT502	Advanced Numerical and Statistical Methods	3	1	0	4
3	GUC501 /GUC 502	Seminar or	-	-	-	1
		Mini Project	-	-	-	1

Total credits = 7

**Programme Core**

<b>Course Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
AME501	Automotive Engines & Emission	3	0	0	3
AME502	Transmission System Theory & Design	3	0	0	3
AME503	Combustion Engineering	3	0	0	3
AME504	Engine Design	3	0	0	3
AME505	Chassis and Body Engineering	3	0	0	3
AME506	Vehicle Dynamics	3	0	0	3
AME507	Simulation of Automobile Systems	3	0	0	3
MEE501	Finite Element Methods	2	1	0	3
AME551	Transmission System Design Lab	0	0	2	1
AME552	Engine Testing and Pollution Measurement Laboratory	0	0	2	1
AME553	Vehicle Testing Lab	0	0	2	1
AME554	Engine Design and Simulation Lab	0	0	2	1
AME600	Comprehensive Examination	-	-	-	2
AME650	Project	-	-	-	20

**Programme Elective**

<b>Course Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
AME508	Hydraulics and Pneumatics	3	0	0	3

AME509	Automotive Safety	3	0	0	3
ENE511	Energy, Environment and Climate Change	3	0	0	3
AME510	Transport Management	3	0	0	3
AME511	Tractor and Farm Equipments	3	0	0	3
AME512	Vehicle Maintenance and Fleet Management	3	0	0	3
ENE515	Air Pollution and its Control	3	0	0	3
AME513	Automobile Air Conditioning	3	0	0	3
AME514	Alternative Fuels and Power Systems	3	0	0	3
AME515	Special Purpose Vehicles	3	0	0	3
AME516	Theory of Elasticity & Reliability	3	0	0	3
MEE512	Optimization Methods	3	0	0	3