



B.Tech Automobile Engineering Course

Syllabus

SEMESTER – III				
S. No.	Name of Subjects	L-T-P	Cr.	
1	Maths-III (Numerical Methods)	3-1-0	4	Common for ME/AE/Civil
2	Manufacturing Processes	3-0-0	3	Common for ME/AE
3	Fluid Mechanics	3-1-0	4	
4	Engineering Mechanics	3-1-0	4	Common For ME/AE/Civil
5	Thermodynamics	3-1-0	4	Common For ME/AE
6	Engineering Economics & Industrial Management	3-0-0	3	
7	Manufacturing Processes Lab	0-0-2	1	Common For ME/AE
8	Fluid Mechanics Lab	0-0-2	1	
	TOTAL	18-4-4	24	

SEMESTER – IV				
S. No.	Name of Subjects	L-T-P	Cr.	
1	Applied thermodynamics	3-1-0	4	Common for ME/AE
2	Strength Of Material	3-1-0	4	Common For ME/AE/Civil
3	Fluid Mechanics & Machine	3-1-0	4	Common For ME/AE
4	Kinematics of Machine	3-1-0	4	
5	Applied Thermodynamic Lab	0-0-2	1	Common For ME/AE
6	Strength Of material- Lab	0-0-2	1	Common For ME/AE/Civil
7	Machine Drawing	0-0-4	2	
	TOTAL	12-4-8	20	

SEMESTER – V			
S. No.	Name of Subjects	L-T-P	Cr.
1	Dynamics Of Machine	3-1-0	4
2	Manufacturing Technology	3-0-0	3
3	Heat Transfer	3-1-0	4
4	Solid Mechanics	3-1-0	4
5	Design Of Machine Elements	3-1-0	4

6	Dynamics of Machine Lab	0-0-2	1
7	Manufacturing Technology Lab	0-0-2	1
8	Heat Transfer Lab	0-0-2	1
9	Essence Of Indian Traditional Knowledge	0-0-0	
	TOTAL	15-4-06	22

SEMESTER – VI			
S. No.	Name of Subjects	L-T-P	Cr.
1	Motor Vehicle Technology	3-1-0	4
2	Material Science	3-0-0	3
3	Design of Auto Components	3-1-0	4
4	Elective – I	3-0-0	3
5	Elective -II	3-0-0	3
6	Elective – III	3-0-0	3
7	Motor Vehicle Technology Lab	0-0-2	1
8	Material Science Lab	0-0-2	1
9	Elective – I Lab	0-0-2	1
10	Elective – II Lab	0-0-2	1
	TOTAL	18-2-28	24

SEMESTER – VII

S. No.	Name of Subjects	L-T-P	Cr.
1	Automotive Maintenance & Service	3-0-0	3
2	Automotive Electricals & control	3-0-0	3
3	Open Elective – (Humanities)	3-0-0	3
4	Elective – IV	3-0-0	3
5	Elective -V	3-0-0	3
6	Elective – III Lab	0-0-2	1
7	Service Training Center Lab	0-0-2	1
8	Project – I	0-0-8	4
	TOTAL	15-0-12	21

SEMESTER – VIII

S. No.	Name of Subjects	L-T-P	Cr.
1	Online Mode (MOOC)	3-0-0	3
2	Internship	0-0-32	16
	TOTAL	15-0-12	21