

SUBJECTS OF STUDY AND SCHEME OF EVALUATION

Automobile Engineering

Sl No.	Code	Course	Course Category	Periods per week			Credits	Type	Evaluation	
				Theory	Practical	Total			CA	External
Semester I										
1.	1001	English for Communication I	F	2	2	4	3	T	50	100
2.	1002	Engineering Mathematics I	F	6	0	6	6	T	50	100
3.	1003	Engineering Physics I	F	3	0	3	3	T	50	100
4.	1004	Engineering Chemistry I	F	3	0	3	3	T	50	100
5.	2005	Engineering Graphics	F	2	3	5		D	0	0
6.	1009	Health & Physical Education	C	1	2	3	2	P	50	50
7.	2008	Workshop Practice	F	0	3	3		P	0	0
8.	1008	Computing Fundamentals	C	2	3	5	4	P	50	50
9.	2007	Engineering Science Lab I	F	0	3	3		P	0	0
				19	16	35	21			
Semester II										
10.	2001	English for Communication II	F	2	2	4	3	T	50	100
11.	2002	Engineering Mathematics II	F	6	0	6	6	T	50	100
12.	2003	Engineering Physics II	F	3	0	3	3	T	50	100
13.	2004	Engineering Chemistry II	F	3	0	3	3	T	50	100
14.	2051	Automobile Power Plant	B	4	0	4	4	T	50	100
15.	2005	Engineering Graphics	F	1	3	4	5	D	50	100
16.	2008	Workshop Practice	F	0	3	3	3	P	50	50
17.	2007	Engineering Science Lab II	F	0	3	3	3	P	50	50
18.	2059	Automobile Servicing Lab I	B	0	3	3	2	P	50	50
19.	2009	Life Skill	C	1	1	2	2	P	50	50
				20	15	35	34			
Semester III										
20.	3021	Electrical & Electronics Engg.	B	5	0	5	5	T	50	100
21.	3052	Production Process of Automobile Components	B	5	0	5	5	T	50	100

22.	3051	Fluid Mechanics & Machinery	B	5	0	5	5	T	50	100
23.	3001	Environmental Science & Disaster Management	C	3	0	3	3	T	50	100
24.	3024	Machine Drawing	B	1	3	4	3	D	50	100
25.	3059	Hydraulics Lab	B	0	3	3	2	P	50	50
26.	3057	Manufacturing Lab I	B	0	4	4	2	P	50	50
27.	3058	Petrol Engine Service Lab	B	0	6	6	4	P	50	50
				19	16	35	29			
Semester IV										
28.	4051	Applied Thermodynamics	B	5	0	5	5	T	50	100
29.	4053	Material Science & Strength of Materials	B	6	0	6	6	T	50	100
30.	4052	Automobile Electrical & Electronic Systems	B	5	0	5	5	T	50	100
31.	4055	Automobile Engineering Drawing	B	1	3	4	3	D	50	100
32.	4059	Two & Three Wheeler Service Lab & Mini Project	A	0	3	3	5	P	50	50
33.	4058	Manufacturing Lab II	B	0	3	3	2	P	50	50
34.	4056	Auto Electrical Lab	B	0	3	3	2	P	50	50
35.	4057	Diesel Engine Service Lab	B	0	6	6	3	P	50	50
				17	18	35	31			
Semester V										
36.	5001	Industrial Management & Safety	C	4	0	4	4	T	50	100
37.	5051	Automobile Design	A	5	0	5	5	T	50	100
38.	5052	Automobile Transmission	A	4	0	4	4	T	50	100
39.	5053	Fuels and Combustion	E	4	0	4	4	P	50	100
	5054	Special Purpose Vehicles	E	4	0	4	4	P	50	100
	5055	Automotive Air Conditioning	E	4	0	4	4	P	50	100
40.	5057	CAD Lab - I	A	0	4	4	2	P	50	50
41.	5059	Automobile Engineering Lab	A	0	4	4	2	P	50	50
42.	5058	Automobile Servicing Lab II	A	0	4	4	2	P	50	50
43.	5009	Industrial Training/Industrial Visit/Collaborative work	A	2 Week			2	P	50	0
44.	6009	Project & Seminar	A	0	6	6	0	Pr	0	0

				17	18	35	25			
Semester VI										
45.	6053	Transport Management	A	5	0	5	5	T	50	100
46.	6052	Automobile Servicing & Maintenance	A	6	0	6	6	T	50	100
47.	6051	Automobile Chassis	A	5	0	5	5	T	50	100
48.	6025	Industrial Automation & Mechatronics	E	4	0	4	4	T	50	100
	6054	Advanced Automobile Engineering	E	4	0	4	4	T	50	100
	6055	Vehicle Body Repairing	E	4	0	4	4	T	50	100
49.	6058	Vehicle Testing Lab	A	0	6	6	3	P	50	50
50.	6059	CAD Lab II	A	0	3	3	2	P	50	50
51.	6009	Project & Seminar	A	0	6	6	10	Pr	50	50
				20	15	35	35			
							175			

Abbreviations used:

Course Categories: F - Foundation Courses, C - Common Courses, B - Basic Technology Courses, A - Applied Technology Courses, E - Elective Courses

Evaluation Type: T - Theory, P - Practical, D - Drawing, Pr - Project