

7. STUDY AND EVALUATION SCHEME (AUTOMOBILE ENGINEERING)

FIRST SEMESTER

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
							Written Paper		Practical		
					Theory	Practical	Max. Marks	Max. Marks	Max. Marks	Hrs	
1.1*	Communication Skills -I	3	-	2	25	25	100	3	50	2	200
1.2*	Applied Mathematics-I	4	1	-	50	-	100	3	-	-	150
1.3*	Applied Physics – I	4	-	2	25	25	100	3	50	3	200
1.4*	Applied Chemistry – I	2	-	2	25	25	100	3	50	3	200
1.5*	Basics of Information Technology	-	-	4	-	50	-	-	100	3	150
1.6*	Engineering Drawing-I	-	-	6	-	50	100	3	25 (Viva)	2	175
1.7*	General Workshop Practice - I	-	-	6	-	50	-	-	+100	3	150
# Student Centred Activities		-	-	4	-	25	-	-	-	-	25
Total		13	1	26	125	250	500		375		1250

* Common with other diploma programmes

+ Including 25 marks for Viva-voce

Student Centred Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

SECOND SEMESTER

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
							Written Paper		Practical		
					Theory	Practical	Max. Marks	Max. Marks	Max. Marks	Hrs	
2.1*	Communication Skills –II	3	-	2	25	25	100	3	50	2	200
2.2*	Applied Mathematics-II	4	1	-	50	-	100	3	-	-	150
2.3*	Applied Physics – II	3	-	2	25	25	100	3	50	3	200
2.4*	Applied Chemistry – II	2	-	2	25	25	100	3	50	3	200
2.5*	Applied Mechanics	3	-	2	25	25	100	3	50	3	200
2.6*	Engineering Drawing - II	-	-	6	-	50	100	3	25 (Viva)	2	175
2.7*	General Workshop Practice-II	-	-	6	-	50	-	-	+100	3	150
#	Student Centred Activities	-	-	4	-	25	-	-	-	-	25
Total		15	1	24	150	225	600	-	325	-	1300

* Common with other diploma programmes

+ Including 25 marks for Viva-voce

Student Centred Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

THIRD SEMESTER

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
3.1	Basic Automobile Engineering	3	1	-	50	-	100	3	-	-	150
3.2	+Basic Mechanical Engineering	3	1	2	25	25	100	3	50	3	200
3.3	Basics of Electrical and Electronics Engineering *	3	-	2	25	25	100	3	50	3	200
3.4	Manufacturing Technology – I **	3	-	4	25	25	100	3	50	3	200
3.5	Auto Engineering Drawing - I	-	-	6	-	50	100	3	25 (Viva)	-	175
3.6	Auto Workshop	-	-	6	-	75	-	-	100	3	175
	Student Centred Activities	-	-	6	-	25	-	-	-	-	25
Total		12	2	26	125	225	500	-	275	-	1125

* Common with Mechanical Engineering / Production Engineering / Mechanical Engineering (Tool and Die).

** Common with Agricultural Technology.

⁺ Common with Production Engineering

FOURTH SEMESTER

Sr. No	Subject	L T P Hrslweek			EV ALVA nON SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max, Marks	Hrs	
4.1	Auto Engine-I	3	-	3	50	25	100	3	50	3	225
4.2	Materials and Metallurgy *	3	-	2	25	25	100	3	50	3	200
4.3	Chassis, Body & Transmission-I	3	-	3	50	25	100	3	50	3	225
4.4	Manufacturing Technology- II **	3	-	4	25	25	100	3	50	3	200
4.5	Auto Engineering Drawing- II	-	-	6	-	50	100	3	25 (Viva)	3	175
4.6	Computer Applications in Mechanical Engineering*	-	-	4	-	50	-	-	50	3	100
Student Centred Activities		-	-	6	-	25	-	-	-	-	25
Total		12	-	28	150	225	500	-	275	-	1150

* Common with Mechanical Engineering / Production Engineering.

** Common with Agricultural Technology.

FIFTH SEMESTER

Sr. No	Subject	L T P Hrs/week				EV ALVA nON SCHEME						Total Marks
						Internal Assessment		External Assessment (Examination)				
						Theory	Practical	Written Paper		Practical		
						Max. Marks	Max. Marks	Max. Marks	Hrs	Max, Marks	Hrs	
-	Industrial Training for 4 Weeks during Vacations					100	-	-	100	3	200	
5.1	Auto Engine-II	3	-	-	50	-	100	3	-	3	150	
5.2	Chassis, Body & Transmission-II	3	-	-	50	-	100	3	-	3	150	
5.3	Garage Equipment	4	-	-	50	-	100	3	-	-	150	
5.4	Industrial Engineering *	4	-	-	50	-	100	3	-	-	150	
5.5	Auto Electrical and Electronics Equipment	4	-	-	50	-	100	3	-	-	150	
5.6	Auto Workshop and Driving Practice	-	-	18	-	125	-	-	150	4	275	
Student Centred Activities		-	-	4	-	25	-	-		-	25	
Total		18	-	22	250	250	500	-	250	-	1250	

* Common with Mechanical Engineering / Production Engineering / Mechanical Engineering (Tool and Die)

SIXTH SEMESTER

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Industrial Management *	3	-	-	50	-	100	3	-	-	150
6.2	Tractor and Earth Moving Machinery	4	-	-	50	-	100	3	-	-	150
6.3	MVA and Transport Management	4	-	-	50	-	100	3	-	-	150
6.4	Entrepreneurship Development and Management*	3	-	-	50	-	100	3	-	-	150
6.5	Fault Diagnosis and Driving Practice	-	-	16	-	125	-	-	150	4	275
6.6	Project Work	-	-	6	-	100	-	-	200	3	300
Student Centred Activities		-	-	4	-	25	-	-	-	-	25
Total		14	-	26	200	250	400	-	350	-	1200

* Common with Mechanical Engineering / Production Engineering / Mechanical Engineering (Tool and Die).

8. DETAILED CONTENTS