BRANCH: B.TECH. (AUTOMOBILE ENGG.)
5TH - SEMESTER

A: THEORY							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
1.	5AE1	Heat transfer in IC engine	3	1	-	4	100
2.	5AE2	Automotive Electricals and Electronics	3	-	-	3	100
3.	5AE3	Computer Graphics & Design	3	1	-	4	100
4.	5AE4	Advanced IC engine I	3	1	-	4	100
5.	5AE5	Automotive Transmission	3	-	-	3	100
6.	5AE6	Theory of Machines	3	1	-	4	100
		TOTAL	**18**	**04**		**22**	**600**
B: PRACTICAL							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
1.	5AE7	Thermal engg. Lab-II	-	-	2	2	100
2.	5AE8	Automotive electricals and electronics lab	-	-	2	2	50
3.	5AE9	Software and computer graphics lab	-	-	2	2	100
4.	5AE10	Dynamics of machine lab	-	-	2	2	100
5.	5AEDC	Discipline and extra curricular activities	-	-	-	-	50
		TOTAL	**-**	**-**	**08**	**08**	**400**

BRANCH: B.TECH. (AUTOMOBILE ENGG.)
6TH -SEMESTER

A: THEORY							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
1.	6AE1	Auto chassis and auto system design	3	1	-	4	100
2.	6AE2	Automatic control engineering	3	1	-	4	100
3.	6AE3	Design of machine element II	3	-	-	3	100
4.	6AE4	Vehicle Dynamics	3	1	-	4	100
5.	6AE5	Auto Emission and pollution control	3	-	-	3	100
6.	6AE6	Automatic heating, ventilation and air conditioning	3	1	-	4	100
		TOTAL	**18**	**04**		**22**	**600**
B: PRACTICAL							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
6.	6AE7	Auto transmission lab	-	-	2	2	100
7.	6AE8	Vehicle dynamics lab	-	-	2	2	75
8.	6AE9	Automotive system and pollution lab	-	-	2	2	100
9.	6AE10	Machine design lab II	-	-	2	2	75
10.	6AEDC	Discipline and extra curricular activities	-	-	-	-	50
		TOTAL	-	-	**08**	**08**	**400**

BRANCH: B.TECH. (AUTOMOBILE ENGG.)
7TH - SEMESTER

A: THEORY							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
1.	7AE1	Advanced IC Engine II	3	1	-	4	100
2.	7AE2	Product Development	3	-	-	3	100
3.	7AE3	CAD/CAM	3	-	-	3	100
4.	7AE4	Microprocessor application in automobile	3	1	-	4	100
5.	7AE5	Vehicle Aerodynamics and vehicle body Engg.	3	1	-	4	100
6.	7AE6.1 7AE6.2 7AE6.3 7AE6.4	Elective – I Mechatronic Fuel cell, Electric and hybrid vehicle Quality control Vehicle Transport management	3	1	-	4	100
		TOTAL	**18**	**04**		**22**	**600**
B: PRACTICAL							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
11.	7AE7	I C engines lab-II	-	-	2	2	75
12.	7AE8	CAD/CAM lab	-	-	2	2	75
13.	7AE9	Body engineering lab	-	-	2	2	50
14.	7AE10	Practical training and Industrial visit	-	-	2	2	100
15.	7AE11	Project-Stage I	-	-	2	2	50
16.	7AEDC	Discipline and extra curricular activities	-	-	-	-	50
		TOTAL	**-**	**-**	**10**	**10**	**400**

BRANCH: B.TECH. (AUTOMOBILE ENGG.)
8TH -SEMESTER

A: THEORY							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
1.	8AE1	Alternative Fuels and Engine Tribology	3	1	-	4	100
2.	8AE2	Industrial robotics	3	1	-	4	100
3.	8AE3	Automotive Maintenance Management	3	1	-	4	100
4.	 8AE4.1 8AE4.2 8AE4.3 8AE4.4	Elective-II Finite Element method Industrial Engineering Earth moving equipment Vehicle Vibration and noise control	3	1	-	4	100
		TOTAL	**12**	**04**		**16**	**400**

B: PRACTICAL							
	CODE	**SUBJECT**	**CONTACT PERIODS PER WEEK**				**MAX. MARKS**
			L	**T**	**P**	**TOTAL**	
17.	8AE5	Auto Maintenance lab	-	-	3	3	125
18.	8AE6	Auto Reconditioning lab	-	-	3	3	125
19.	8AE7	Seminar	-	-	2	2	100
20.	8AE8	Project Stage II	-	-	4	4	200
21.	8AEDC	Discipline and extra curricular activities	-	-	-	-	50
		TOTAL	-	-	**12**	**12**	**600**