



**Teaching and Examination Scheme
Mechatronics Engineering
IV Year B.Tech. : VII Semester**

Subject Code	Course Title	Hrs./Week			IA	Exam	Total	
		L	T	P				
7MH1	Micro-Electro-Mechanical System	3	0	Theory Subjects	20	80	100	
7MH2	Medical Electronics	3	0		20	80	100	
7MH3	Robotics and Machine Vision System	3	0		20	80	100	
7MH4	Refrigeration and Air Conditioning	3	1		20	80	100	
7MH5	Fuel Cell Hybrid Electric Engine	3	1		20	80	100	
7MH6.1	Steam Turbines & Steam Power Plant	3	0		20	80	100	
7MH6.2	Product Lifecycle Management							
7MH6.3	Operations Research							
7MH7	Robotics Laboratory	Practical			3	60	40	100
7MH8	Computer Aided Design & Computer Aided Manufacturing Lab				3	60	40	100
7MH9	Practical Training & Industrial Visit			2	-	100	100	
7MH10	Project-I			2	50	-	50	
7MH11	Discipline & Extra Curricular Activity			-	-	-	50	
Total		18	2	10			1000	



**Teaching and Examination Scheme
Mechatronics Engineering
IV Year B.Tech. : VIII Semester**

Subject Code	Course Title	Hrs./Week			IA	Exam	Total	
		L	T	P				
8MH1	Noise, Vibration and Harshness	3	1	Theory Subjects	20	80	100	
8MH2	Digital Image Processing	3	0		20	80	100	
8MH3	Gas Turbine & Gas Power Plant	3	1		20	80	100	
8MH6.1	Marketing Management	3	0		20	80	100	
8MH6.2	Total Quality Management							
8MH6.3	Project Engineering							
8MH4	Mechanical Vibrations Lab	Practical			3	60	40	100
8MH5	Industrial Engineering Lab				2	45	30	75
8MH6	Heat Transfer Lab				2	45	30	75
8MH7	Seminar				3	60	40	100
8MH8	Project-II				4	120	80	200
8MH9	Discipline & Extra Curricular Activity						50	
Total		15	2	14			1000	