

II Year

Third Semester					
Subject Code	Subject Name	L	T	P	C
MAT - 201	Engineering Mathematics- III	4	0	0	4
MME - 227	Engineering Thermodynamics	3	1	0	4
MME - 229	Elements of Mechatronics System	3	1	0	4
ELE - 251	Electrical Drives	3	1	0	4
ECE - 251	Analog System Design	3	1	0	4
MME - 231	Material Science	3	1	0	4
MME - 233	Machine Shop	0	0	3	1
CIE - 213	Material Testing Lab	0	0	3	1
TOTAL		19	5	6	26

Fourth Semester					
Subject Code	Subject Name	L	T	P	C
MAT - 218	Engineering Mathematics- IV	4	0	0	4
MME-226	Design of Machine Elements	3	1	0	4
ECE - 252	Digital System Design	4	0	0	4
MME-228	Theory of Machines	3	1	0	4
ICE - 222	Programmable Logic Controller	4	0	0	4
*****	Open Elective - I	3	0	0	3
ICE - 421	PLC Lab	0	0	3	1
ECE - 254	Integrated Electronics Lab	0	0	3	1
MME-230	Mechanical Drawing	0	0	6	2
TOTAL		21	2	12	27

Open Elective - I
Organizational Behaviour
Total Quality Management
Corrosion Engineering
Networks & Project Management
Financial Management

III Year

Fifth Semester					
Subject Code	Subject Name	L	T	P	C
MME-345	Fluid Mechanics and Machines	4	0	0	4
MME-347	Metrology and Measurements	4	0	0	4
ICE - 345	Control Systems	3	1	0	4
ELE	Introduction to Signal Processing	4	0	0	4
ECE- 351	Micro Controller and Applications	4	0	0	4
MME/ECE	Program Elective - I	3	0	0	3
ECE - 353	Micro Controllers Lab	0	0	3	1
MME - 351	Metrology and Measurements Lab	0	0	3	1
TOTAL		22	1	6	25

Program Elective - I	
ECE - 355	Industrial Product Design & packaging
MME - 349	Nanotechnology

Sixth Semester					
Subject Code	Subject Name	L	T	P	C
MME-336	Hydraulic and Pneumatic Systems	4	0	0	4
MME-338	Computer Integrated Manufacturing	4	0	0	4
MME-320	Industrial Robotics	4	0	0	4
ICE - 328	Electronic Measurements and Instrumentation	3	1	0	4
-	Program Elective - II	3	0	0	3
ELE/ECE	Open Elective - II	3	0	0	3
MME-340	CIM and Automation Lab	0	0	3	1
ICE - 330	Electronic Measurements & Instrumentation Lab	0	0	3	1
TOTAL		21	1	6	24

Program Elective - II		Open Elective - II	
ELE	Digital Signal Processing & Applications		Composite Materials
			Operations Research
ECE - 356	Embedded Systems & Design		Management Information System
			Refrigeration & Air Conditioning

IV - Year

Seventh Semester					
Subject Code	Subject Name	L	T	P	C
HSS-401	Essentials of Management and Engg. Economics	4	0	0	4
MME-449	Autotronics	4	0	0	4
MME-401	Production and Operations Management	3	1	0	4
MME-451	MEMS	4	0	0	4
ELE	Intelligent Controllers	4	0	0	4
-	Program Elective - III	3	0	0	3
MME-457	Mechatronics Lab	0	0	3	1
MME-421	Technical Seminar	--	--	--	2
TOTAL		21	1	3	25

Program Elective - III	
MME - 453	Mechanical Vibrations
MME - 455	Design of Manufacture

Eighth Semester					
Subject Code	Subject Name	L	T	P	C
MME - 402	Project Work / Practice School	--	--	--	20
MME - 404	Industrial Training / Tour	--	--	--	2
TOTAL		--	--	--	22