

M.E - Computer Science and Engineering

Course Curriculum

	L	T	P	C					
Semester 1					Semester 4				
Mathematical Foundations for Computer Science	3	1	-	4	Main Project - Project Work Phase II	-	-	24	12
Computer Architecture	4	-	-	4	Total				12
Operating Systems	3	-	-	3	Grand Total				76
Data Structures and Algorithms	4	-	-	4	Electives:				
Microprocessor Based System	3	-	-	3	Distributed Computing				
Computer Networks	3	-	-	3	Agent Based Systems				
Seminar	-	-	2	1	Digital Image Processing				
Total				22	Neural Networks				
Semester 2					Internet Programming				
Compiler Design	3	1	-	4	Pattern Recognition				
Database Technology	4	-	-	4	Multimedia Systems				
Managerial Engineering	4	-	-	4	Mobile Communication				
Elective 1	3	-	-	3	Advanced Web Technology				
Elective 2	3	-	-	3	Legacy Systems				
Lab - Computer Lab	-	-	6	3	Parallel Computers and Algorithms				
Seminar	-	-	2	1	Network Security				
Mini Project - Software Development	-	-	8	4	High Speed Networks				
Total				26	Object Oriented Analysis and Design				
Semester 3					Embedded Systems				
Software Engineering	3	1	-	4	E-Commerce				
Elective 3	3	-	-	3	Data-mining and Data-warehousing				
Elective 4	3	-	-	3	Web Services				
Industrial Project Report	-	-	4	2	Client-Server Computing				
Main Project - Project Work Phase I	-	-	8	4	Special Elective				
Total				16					

M.E - Applied Electronics

Course Curriculum

	L	T	P	C					
Semester 1					Semester 4				
Applied Engineering Mathematics	3	1	-	4	Main Project - Project Work Phase II	-	-	24	12
Digital Signal Processing	3	-	-	3	Total				12
Design and Analysis of IC's	3	-	-	3	Electives: (Four)				
Communication Networks	3	-	-	3	Advanced Management Principles				
Advanced Digital System Design	4	-	-	4	Modern Digital Communication Techniques				
VLSI Design	4	-	-	4	Computer Communication and ISDN				
Seminar	-	-	2	1	Electromagnetic interference & Compatibilty				
Total				22	Multimedia Compression Techniques				
Semester 2					Microcontroller based System Design				
VLSI Signal Processing	4	-	-	4	Biomedical Instrumentation				
Embedded System	4	-	-	4	Microwave Devices & Components				
Digital Image Processing	4	-	-	4	Optical Communication Systems & Networks				
Elective 1	3	-	-	3	Soft Computing				
Elective 2	3	-	-	3	Digital Signal Processing Practice				
Lab - Electronics Design Laboratory	-	-	6	3	Computer Architecture and Paraller Processing				
Seminar	-	-	2	1					
Mini Project	-	-	8	4					
Total				26					
Semester 3									
Advanced Digital Signal Processing	4	-	-	4					
Elective 3	3	-	-	3					
Elective 4	3	-	-	3					
Industrial Project Report	-	-	4	2					
Main Project - Project Work Phase I	-	-	8	4					
Total				16					