

ANNA UNIVERSITY TIRUCHIRAPPALLI
Tiruchirappalli – 620 024
Curriculum 2007
B.E. Computer Science and Engineering

SEMESTER III

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	MA1201	Mathematics III	3	1	0	100
2	CS1201	Data Structures	3	1	0	100
3	EC1206	Electronic Devices and Circuits	3	1	0	100
4	CS1202	Computer Architecture	3	1	0	100
5	CS1203	Object Oriented Programming	3	0	0	100
6	EE1212	Electrical Engineering and Control Systems	3	0	0	100
Practical						
7	CS1204	Data Structures Laboratory	0	0	3	100
8	EC1208	Electronic Devices and Circuits Laboratory	0	0	3	100
9	CS1205	Object Oriented Programming Laboratory	0	0	3	100

SEMESTER IV

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Probability and Queuing Theory	3	1	0	100
2		Design and Analysis of Algorithms	3	0	0	100
3		Principles of Communication Engineering	3	1	0	100
4		System Software	3	0	0	100
5		Operating Systems	3	1	0	100
6		Database Management Systems	3	1	0	100
Practical						
7		System Software Laboratory	0	0	3	100
8		Operating Systems Laboratory	0	0	3	100
9		Database Management Systems Laboratory	0	0	3	100

SEMESTER V

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Discrete Mathematics	3	1	0	100
2		Software Engineering	3	0	0	100
3		Computer Networks	3	1	0	100
4		Theory of Computation	3	0	0	100
5		Microprocessors and Microcontrollers	3	1	0	100
6		Visual Programming	3	1	0	100
Practical						
7		Network Laboratory	0	0	3	100
8		Microprocessors and Microcontrollers Laboratory	0	0	3	100
9		Visual Programming Laboratory	0	0	3	100

SEMESTER VI

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Numerical Methods	3	0	0	100
2		Artificial Intelligence	3	1	0	100
3		Principles of Compiler Design	3	1	0	100
4		Distributed Systems	3	1	0	100
5		Graphics and Multimedia	3	1	0	100
6		Environmental Science and Engineering	3	0	0	100
Practical						
7		Compiler Design Laboratory	0	0	3	100
8		Graphics and Multimedia Laboratory	0	0	3	100
9		Communication and Soft Skills Laboratory	0	0	3	100

SEMESTER VII

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Internet Computing	3	0	0	100
2		Object Oriented Analysis and Design	3	0	0	100
3		Middleware Technologies	3	1	0	100
4		Total Quality Management	3	1	0	100
5		Elective I	3	0	0	100
6		Elective II	3	0	0	100
Practical						
7		CASE Tools Laboratory	0	0	3	100
8		Middleware Technologies Laboratory	0	0	3	100
9		Software Development Laboratory	0	0	3	100

SEMESTER VIII

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Mobile Computing	3	0	0	100
2		Network Protocols	3	0	0	100
3		Elective III	3	0	0	100
4		Elective IV	3	0	0	100
Practical						
5		Project Work	0	0	12	200

ELECTIVES

ODD SEMESTER

S.No.	Subject Code	Subject	L	T	P	Max. Marks
1		Resource Management Techniques	3	0	0	100
2		UNIX Internals	3	0	0	100
3		High Performance Microprocessors	3	0	0	100
4		Data Warehousing and Data Mining	3	0	0	100
5		Advanced JAVA Programming	3	0	0	100
6		Embedded Systems	3	0	0	100
7		Advanced Databases	3	0	0	100
8		Intellectual Property Rights	3	0	0	100
9		Indian Constitution and Society	3	0	0	100
10		Advanced Operating Systems	3	0	0	100
11		Real Time Systems	3	0	0	100
12		TCP/IP Design and Implementation	3	0	0	100
13		Requirements Engineering	3	0	0	100
14		Systems Modeling and Simulation	3	0	0	100

ELECTIVES

EVEN SEMESTER

S.No.	Subject Code	Subject	L	T	P	Max. Marks
1		Soft Computing	3	0	0	100
2		High Speed Networks	3	0	0	100
3		C# and .NET Framework	3	0	0	100
4		Digital Image Processing	3	0	0	100
5		Component Based Technology	3	0	0	100
6		Software Quality Management	3	0	0	100
7		Grid Computing	3	0	0	100
8		Fundamentals of Pervasive Computing	3	0	0	100
9		Cryptography and Network Security	3	1	0	100
10		Robotics	3	0	0	100
11		Quantum Computing	3	0	0	100
12		Professional Ethics and Human Values	3	0	0	100
13		Natural Language Processing	3	0	0	100
14		Advanced Computer Architecture	3	0	0	100
15		Information Security	3	0	0	100
16		User Interface Design	3	0	0	100
17		Graph Theory	3	0	0	100
18		Knowledge Based Decision Support Systems	3	0	0	100
19		Parallel Computing	3	0	0	100
20		Free / Open Source Software	3	0	0	100