

ANNA UNIVERSITY TIRUCHIRAPPALLI
Tiruchirappalli - 620 024
Curriculum 2007
B.Tech. Information Technology

SEMESTER III

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	MA1201	Mathematics III	3	1	0	100
2	EC1205	Signals and Systems	3	1	0	100
3	EC1206	Electronic Devices and Circuits	3	1	0	100
4	CS1201	Data Structures	3	0	0	100
5	CS1203	Object Oriented Programming	3	0	0	100
6	EC1207	Principles of Communication Engineering	3	1	0	100
Practical						
7	EC1208	Electronic Devices and Circuits Laboratory	0	0	3	100
8	CS1204	Data Structures 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		Microprocessors and Microcontrollers	3	0	0	100
3		Information Coding Techniques	3	0	0	100
4		Computer Architecture	3	1	0	100
5		Digital Signal Processing	3	1	0	100
6		Database Management Systems	3	1	0	100
Practical						
7		Microprocessors and Microcontrollers Laboratory	0	0	3	100
8		Digital Signal Processing 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		Numerical Methods	3	1	0	100
2		Software Engineering	3	0	0	100
3		Embedded Systems	3	0	0	100
4		Operating Systems	3	0	0	100
5		Computer Networks	3	0	0	100
6		Environmental Science and Engineering	3	0	0	100
Practical						
7		Operating Systems Laboratory	0	0	3	100
8		Networks Laboratory	0	0	3	100
9		Communication and Soft Skills Laboratory	0	0	3	100

SEMESTER VI

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Telecommunication Systems	3	0	0	100
2		Network Programming and Management	3	0	0	100
3		Cryptography and Network Security	3	1	0	100
4		Visual Programming	3	0	0	100
5		Object Oriented Analysis and Design	3	1	0	100
6		Total Quality Management	3	0	0	100
Practical						
7		Network Programming Laboratory	0	0	3	100
8		Visual Programming Laboratory	0	0	3	100
9		CASE Tools Laboratory	0	0	3	100

SEMESTER VII

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Web Technology	3	0	0	100
2		Middleware Technologies	3	0	0	100
3		Mobile Communication	3	0	0	100
4		Graphics and Multimedia	3	0	0	100
5		Elective I	3	0	0	100
6		Elective II	3	0	0	100
Practical						
7		Middleware Technologies Laboratory	0	0	3	100
8		Graphics and Multimedia 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		XML and Web Services	3	1	0	100
2		Fundamentals of Pervasive Computing	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
Theory						
1		Resource Management Techniques	3	0	0	100
2		Distributed Systems	3	0	0	100
3		Data Warehousing and Data Mining	3	0	0	100
4		Discrete Mathematics	3	1	0	100
5		Theory of Computation	3	1	0	100
6		Intellectual Property Rights	3	0	0	100
7		Indian Constitution and Society	3	0	0	100
8		Information System Design	3	0	0	100
9		User Interface Design	3	0	0	100
10		Digital Image Processing	3	0	0	100
11		Financial Accounting and Management	3	0	0	100
12		Satellite Communication	3	0	0	100
13		Advanced Java Programming	3	0	0	100
14		Natural Language Processing	3	0	0	100
15		Business Process Models	3	0	0	100
16		Requirements Engineering	3	0	0	100

ELECTIVES

EVEN SEMESTER

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Principles of Compiler Design	3	0	0	100
2		Medical Informatics	3	0	0	100
3		Bio Informatics	3	0	0	100
4		Enterprise Resource Planning	3	0	0	100
5		Knowledge Based Decision Support Systems	3	0	0	100
6		Electronic Commerce	3	0	0	100
7		Optical Communication	3	0	0	100
8		C# and .NET Framework	3	0	0	100
9		Information Security	3	0	0	100
10		Software Testing	3	0	0	100
11		Digital Asset Management	3	0	0	100
12		Grid Computing	3	0	0	100
13		Professional Ethics and Human Values	3	0	0	100
14		Free / Open Source Software	3	0	0	100