

ANNA UNIVERSITY TIRUCHIRAPPALLI

Tiruchirappalli - 620 024

Regulations 2007

Curriculum

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	MA1252	Probability and Queuing Theory	3	1	0	100
2	CS1258	Microprocessors and Microcontrollers	3	0	0	100
3	IT1251	Information Coding Techniques	3	0	0	100
4	CS1202	Computer Architecture	3	1	0	100
5	EC1256	Digital Signal Processing	3	1	0	100
6	CS1254	Database Management Systems	3	1	0	100
Practical						
7	CS1259	Microprocessors and Microcontrollers Laboratory	0	0	3	100
8	EC1257	Digital Signal Processing Laboratory	0	0	3	100
9	CS1257	Database Management Systems Laboratory	0	0	3	100

SEMESTER V

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	MA1251	Numerical Methods	3	1	0	100
2	CS1301	Software Engineering	3	0	0	100
3	EE1305	Embedded Systems	3	0	0	100
4	CS1307	Operating Systems	3	0	0	100
5	CS1302	Computer Networks	3	0	0	100
6	HS1201	Environmental Science and Engineering	3	0	0	100
Practical						
7	CS1256	Operating Systems Laboratory	0	0	3	100
8	CS1305	Networks Laboratory	0	0	3	100
9	HS1301	Communication and Soft Skills Laboratory	0	0	3	100

SEMESTER VI

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	IT1351	Telecommunication Systems	3	0	0	100
2	IT1352	Network Programming and Management	3	0	0	100
3	IT1353	Cryptography and Network Security	3	1	0	100
4	CS1304	Visual Programming	3	1	0	100
5	CS1361	Object Oriented Analysis and Design	3	0	0	100
6	MG1352	Total Quality Management	3	0	0	100
Practical						
7	IT1354	Network Programming Laboratory	0	0	3	100
8	CS1362	Visual Programming Laboratory	0	0	3	100
9	CS1363	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 Computing	3	0	0	100
4		Graphics and Multimedia	3	0	0	100
5	E1****	Elective I	3	0	0	100
6	E2****	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	E3****	Elective III	3	0	0	100
4	E5****	Elective IV	3	0	0	100
Practical						
5		Project Work	0	0	12	200

SEMESTER VI

S.No.	Subject Code	Subject	L	T	P	Max. Marks
ELECTIVE I						
1		Wireless Network Systems	3	0	0	100
2		Medical Informatics	3	0	0	100
3		Bio Informatics	3	0	0	100
4		Optical Communication	3	0	0	100
5		C# and .NET	3	0	0	100
6		Advanced Java Programming	3	0	0	100
7		TCP/IP Design and Implementation	3	0	0	100
ELECTIVE II						
8		UNIX Internals	3	0	0	100
9		Open Source Software	3	0	0	100
10		Component Based Technology	3	0	0	100
11		Software Project Management	3	0	0	100
12		Digital Image Processing	3	0	0	100
13		Soft Computing	3	0	0	100
14		Nano Computing	3	0	0	100
ELECTIVE III						
15		High Performance Microprocessors	3	0	0	100
16		Parallel Computing	3	0	0	100
17		Advanced Databases	3	0	0	100
18		Advanced Operating Systems	3	0	0	100
19		Software Testing	3	0	0	100
20		Software Metrics	3	0	0	100
21		Knowledge Based Decision Support Systems	3	0	0	100
ELECTIVE IV						
22		Enterprise Resource Planning	3	0	0	100
23		Resource Management Techniques	3	0	0	100
24		User Interface Design	3	0	0	100
25		Information Security	3	0	0	100
26		Business Process Model	3	0	0	100
27		Requirements Engineering	3	0	0	100
28		Software Quality Management	3	0	0	100