

**AFFILIATED INSTITUTIONS**  
**ANNA UNIVERSITY, CHENNAI**  
**REGULATIONS - 2013**  
**M.TECH. INFORMATION TECHNOLOGY**  
**I TO VI SEMESTERS CURRICULUM (PART - TIME)**

**SEMESTER I**

SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
<b>THEORY</b>						
1.	MA7155	<u>Applied Probability and Statistics</u>	3	1	0	4
2.	CP7102	Advanced Data Structures and Algorithms	3	0	0	3
3.	IF7101	Internetworking Technologies	3	0	0	3
<b>PRACTICAL</b>						
4.	IF7111	Advanced Data Structures Laboratory	0	0	3	2
5.	IF7112	Internetworking Laboratory	0	0	3	2
<b>TOTAL</b>			<b>9</b>	<b>1</b>	<b>6</b>	<b>14</b>

**SEMESTER II**

SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
<b>THEORY</b>						
1.	IF7201	Web Technologies	3	0	0	3
2.	IF7202	Cloud Computing	3	0	0	3
3.	NE7202	Network and Information Security	3	0	0	3
<b>PRACTICAL</b>						
4.	IF7211	Web Technology Laboratory	0	0	3	2
5.	IF7212	Cloud Computing Laboratory	0	0	3	2
<b>TOTAL</b>			<b>9</b>	<b>0</b>	<b>6</b>	<b>13</b>

**SEMESTER III**

SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
<b>THEORY</b>						
1.	CP7103	Multicore Architectures	3	0	0	3
2.	IF7102	Object Oriented Software Engineering	3	0	0	3
3.	CP7202	Advanced Databases	3	0	0	3
<b>PRACTICAL</b>						
4	IF7113	Mini Project	0	0	2	1
<b>TOTAL</b>			<b>9</b>	<b>0</b>	<b>2</b>	<b>10</b>

**SEMESTER IV**

SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
<b>THEORY</b>						
1.	IF7203	Data Warehousing and Data Mining	3	0	0	3
2.	E1	Elective I	3	0	0	3
3.	E2	Elective II	3	0	0	3
<b>PRACTICAL</b>						
4.	IF7213	Technical Seminar	0	0	2	1
<b>TOTAL</b>			<b>9</b>	<b>0</b>	<b>2</b>	<b>10</b>

**SEMESTER V**

SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
<b>THEORY</b>						
1.	IF7301	Soft Computing	3	0	0	3
2.	E3	Elective III	3	0	0	3
3.	E4	Elective IV	3	0	0	3
<b>PRACTICAL</b>						
1.	IF7311	Project Work (Phase I)	0	0	12	6
<b>TOTAL</b>			<b>9</b>	<b>0</b>	<b>12</b>	<b>15</b>

**SEMESTER VI**

SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
<b>PRACTICAL</b>						
1.	IF7411	Project Work (Phase II)	0	0	24	12
<b>TOTAL</b>			<b>0</b>	<b>0</b>	<b>24</b>	<b>12</b>

**TOTAL NO. OF CREDITS:74**

**LIST OF ELECTIVES****ELECTIVE I**

<b>SL. NO</b>	<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1.	IF7001	Software Metrics and Reliability	3	0	0	3
2.	NE7007	Network Management	3	0	0	3
3.	IF7002	Bio Informatics	3	0	0	3
4.	MP7001	XML and Web Services	3	0	0	3
5.	CP7028	Enterprise Application Integration	3	0	0	3
6.	IF7003	Video Analytics	3	0	0	3

**ELECTIVE II**

7.	IF7004	Software Project Management	3	0	0	3
8.	NE7002	Mobile and Pervasive Computing	3	0	0	3
9.	CP7203	Principles of Programming Languages	3	0	0	3
10.	IF7005	Multimedia Technologies	3	0	0	3
11.	IF7006	Automata Theory and Compiler Design	3	0	0	3
12.	SE7204	Big Data Analytics	3	0	0	3

**ELECTIVE III**

13.	IF7007	Software Quality and Testing	3	0	0	3
14.	NC7202	Wireless Adhoc and Sensor Networks	3	0	0	3
15.	IF7008	Web Mining	3	0	0	3
16.	IF7009	Image Processing and Pattern Analysis	3	0	0	3
17.	IF7010	Intelligent Agents	3	0	0	3
18.	IF7011	Internet of Things	3	0	0	3
19.	NE7003	Web Engineering	3	0	0	3

**ELECTIVE IV**

20.	CP7006	Parallel Programming Paradigms	3	0	0	3
21.	NE7012	Social Network Analysis	3	0	0	3
22.	IF7012	Knowledge Engineering	3	0	0	3
23.	IF7013	Energy Aware Computing	3	0	0	3
24.	IF7014	4G Technologies	3	0	0	3
25.	CP7001	Performance Evaluation of Computer Systems	3	0	0	3