

Annexure - A

Revised course Scheme 2

M.Tech in Computer Science & Engineering

Semester-I							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CS-811	Advance Algorithms	3	1	0	4	4
2	CS-812	Web Engineering	3	1	0	4	4
3	CS-813	Advanced Operating Systems	3	1	0	4	4
4	CS-814	Advance Database Systems	3	1	0	4	4
5	CS-815	Elective-I	3	1	0	4	4
6	CS-816	Advance Algorithms Lab	0	0	2	2	1
7	CS-817	Web Engineering Lab	0	0	2	2	1
Total			15	5	4	24	22

Semester-II A							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CS-821	Parallel Computing	3	1	0	4	4
2	CS-822	Advanced Computer Networks	3	1	0	4	4
3	CS-823	Software Project Management	3	1	0	4	4
4	CS-824	Soft Computing	3	1	0	4	4
5	CS-825	Elective-II	3	1	0	4	4
6	CS-826	Seminar/Minor Project	0	0	2	2	1
7	CS-827	Advanced Computer Networks Lab	0	0	2	2	1
Total			15	5	4	24	22

Semester-II B (Practical Training)							
		Four Weeks Training in reputed Industry/Laboratory in institution of repute such IITs, NITs, CSIR, DRDO, CSIO etc.				160	S/US

Semester-III							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CS-911	Object Oriented Analysis and Design	3	1	0	4	4
2	CS-912	Elective-III	3	1	0	4	4
3	CS-915	Dissertation (part-1)	0	0	16	16	8
Total			6	2	16	24	16

Semester-IV							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CS-925	Dissertation (part-2)	0	0	24	24	12
Total			0	0	24	24	12

LIST OF ELECTIVES						
Sr. No	Subject	Subject Name	L	T	P	Cr
Elective I						
1	CS-815 A	Software Testing and Quality Management				
2	CS-815 B	Signal Processing	3	1	0	4
3	CS-815 C	Performance Evaluation of Computer System	3	1	0	4
4	CS-815 D	Artificial Intelligence	3	1	0	4
Elective II						
1	CS-825 A	Data Warehousing and Data Mining	3	1	0	4
2	CS-825 B	Cryptography	3	1	0	4
3	CS-825 C	Wireless Networks	3	1	0	4
4	CS-825 D	Pattern Recognition	3	1	0	4
Elective III						
1	CS-912 A	Image Processing	3	1	0	4
2	CS-912 B	Cloud Computing	3	1	0	4
3	CS-912 C	Natural Language Processing	3	1	0	4
4	CS-912 D	Mobile Computing	3	1	0	4

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