

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Course Structure and Syllabi for M.Tech.

COMPUTER SCIENCE AND ENGINEERING (CSE)

AND COMPUTER SCIENCE (CS)

for affiliated Engineering Colleges 2009-10

I YEAR I SEMESTER

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9D58101	Advanced Data Structures and Algorithms	4		4
2.	9D58102	Discrete Structures	4		4
3.	9D58103	Computer System Design	4		4
4.	9D58104	Java and Web Technologies	4		4
5.	9D58105	Software Engineering	4		4
6.		Elective-I	4		4
	9D58106a	a. Advances in Databases			
	9D58106b	b. Distributed Databases			
	9D58106c	c. Computer Vision			
7.	9D58107	Software Lab- 1 (Covering the experiments: Data structures & Algorithms and Web Technologies)		3	2
		contact periods/week	24	3	
			Total	27	26

I YEAR II SEMESTER

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9D58201	Software Quality Assurance and Testing	4		4
2.	9D58202	Object Oriented Analysis and Design	4		4
3.	9D58203	Advanced Computer Networks	4		4
4.	9D58204	Distributed Systems	4		4
5.	9D58205	Data Warehousing and Mining	4		4
6.	9D58206a 9D58206b 9D58206c	Elective-II a. Software Architecture b. Software Design c. Design Patterns	4		4
7.	9D58207	Software Lab- 2 (Covering the experiments: OOAD & Data Warehousing and Mining		3	2
		contact periods/week	24	3	26
			Total	27	

II YEAR (III & IV Semesters)

S. No	Course code	Subject		credits
1.	9D58401	Seminar		2
2.	9D58402	Project work		16