Rajasthan Technical University, Kota
Teaching & Scheme of Examination for B.Tech. (Computer Engineering)
Session 2009-10 (Main Examination)

III Sem.

Subject Code	Name of Subject	Exam Hrs.	L	T	P	M.M. Sessional/ Mid term	M.M. End Term	Total M.M.	Common to CS, IT
3CS1	Mathematics III	3	3	1	-	20	80	100	Common to CS, IT
3CS2	Electronic Devices & Circuits	3	3	-	-	20	80	100	Common to CS, IT
3CS3	Data Structures and Algorithms	3	3	-	-	20	80	100	Common to CS, IT
3CS4	Object Oriented Programming	3	3	-		20	80	100	Common to CS, IT
3CS5	Digital Electronics	3	3	-	-	20	80	100	Common to CS, IT
Electives (Only One to be chosen by each student) 3CS6.1 Optical Communication 3CS6.2 Fundamentals of Linux & Shell Programming 3CS6.3 Management Information Systems		3	3	-	-	20	80	100	Common to CS, IT
3CS7	Programming in C++	4			3	60	40	100	Common to CS, IT
3CS8	Data Structure Lab	4			3	60	40	100	Common to CS, IT
3CS9	Analog Electronics Lab	4			3	60	40	100	Common to CS, IT
3CS10	Digital Electronics Lab	4			2	30	20	50	Common to CS, IT
3CSDC	Discipline & Extra Curricular Activities							50	
	TOTAL		18	1	11			1000	

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IV Sem.

Subject Code	Name of Subject	Exam Hrs.	L	T	P	M.M. Sessional/ Mid term	M.M. End Term	Total M.M.	Common to CS, IT
4CS1	Microprocessor and Interfaces	3	3	-		20	80	100	Common to CS, IT
4CS2	Principles of Programming Languages	3	3	-		20	80	100	Common to CS, IT
4CS3	Discrete Mathematical Structures	3	3	1		20	80	100	Common to CS, IT
4CS4	Statistics and Probability Theory	3	3	1		20	80	100	Common to CS, IT
4CS5	Software Engineering	3	3	-		20	80	100	Common to CS, IT
Electives (Only One to be chosen by each student) 4CS6.1 Analog & Digital Communication 4CS6.2 Linear Integrated Circuits 4CS6.3 Logic & Functional Programming		3	3	-	-	20	80	100	Common to CS, IT
4CS7	Microprocessor Lab	4			2	30	20	50	Common to CS, IT
4CS8	Communication Lab	4	-	-	2	30	20	50	Common to CS, IT
4CS9	Advance Object Oriented Programming Lab	4	-	-	3	60	40	100	Common to CS, IT
4CS10	Computer Aided Software Engg. Lab	4			3	60	40	100	Common to CS, IT
4CS11	Humanities & Social Sciences	4	-	-	2	30	20	50	Common to CS, IT
4CSDC	Discipline & Extra Curricular Activities							50	
	TOTAL		18	2	12			1000	