

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

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
3IT1	Mathematics III	3	3	1	-	20	80	100	Common to CS, IT
3IT2	Electronic Devices & Circuits	3	3	-	-	20	80	100	Common to CS, IT
3IT3	Data Structures and Algorithms	3	3	-	-	20	80	100	Common to CS, IT
3IT4	Object Oriented Programming	3	3	-		20	80	100	Common to CS, IT
3IT5	Digital Electronics	3	3	-		20	80	100	Common to CS, IT
<u>Electives (Only One to be chosen by each student)</u>									
3IT6.1	Optical Communication	3	3			20	80	100	Common to CS, IT
3IT6.2	Fundamentals of Linux & Shell Programming								
3IT6.3	Management Information Systems								
3IT7	Programming in C++	4			3	60	40	100	Common to CS, IT
3IT8	Data Structure Lab	4			3	60	40	100	Common to CS, IT
3IT9	Analog Electronics Lab	4			3	60	40	100	Common to CS, IT
3IT10	Digital Electronics Lab	4			2	30	20	50	Common to CS, IT
3ITDC	Discipline & Extra Curricular Activities							50	
	TOTAL		18	1	11			1000	

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4IT1	Microprocessor and Interfaces	3	3	-		20	80	100	Common to CS, IT
4IT2	Principles of Programming Languages	3	3	-		20	80	100	Common to CS, IT
4IT3	Discrete Mathematical Structures	3	3	1		20	80	100	Common to CS, IT
4IT4	Statistics and Probability Theory	3	3	1		20	80	100	Common to CS, IT
4IT5	Software Engineering	3	3	-		20	80	100	Common to CS, IT
<u>Electives (Only One to be chosen by each student)</u>									
4IT6.1	Analog & Digital Communication	3	3			20	80	100	Common to CS, IT
4IT6.2	Linear Integrated Circuits								
4IT6.3	Logic & Functional Programming								
4IT7	Microprocessor Lab	4			2	30	20	50	Common to CS, IT
4IT8	Communication Lab	4	-	-	2	30	20	50	Common to CS, IT
4IT9	Object Oriented Programming Lab	4	-	-	3	60	40	100	Common to CS, IT
4IT10	Computer Aided Software Engg. Lab	4			3	60	40	100	Common to CS, IT
4IT11	Humanities & Social Sciences	4	-	-	2	30	20	50	Common to CS, IT
4ITDC	Discipline & Extra Curricular Activities							50	
	TOTAL		18	2	12			1000	