

**Rajasthan Technical University, Kota**  
**Teaching & Scheme of Examination for B.Tech.Computer Science**  
**w.e.f. session 2011-12**

Subject Code	Sem	Name of Subject	Exam Hrs.	L	T	P	C/E	M.M. Sessional / Mid	M.M. End Term	Total M.M.	Common to CS, IT
7CS1	VII	Software Project management	3	3	-		C	20	80	100	Common to CS, IT
7CS2	VII	Wireless Communication & Networks	3	3			C	20	80	100	Common to CS, IT
7CS3	VII	Compiler Construction	3	3			C	20	80	100	
7CS4	VII	Computer Aided Design for VLSI	3	3	-		C	20	80	100	
7CS5	VII	Computer Graphics & Multimedia Techniques	3	3			C	20	80	100	Common to CS, IT
7CS6.1	VII	Advance Database Management Systems	3	3	-		E	20	80	100	Common to CS, IT
7CS6.2	VII	Data Mining & Ware Housing	3	3			E	20	80	100	
7CS6.3	VII	Data Compression Techniques	3	3			E	20	80	100	
7CS7	VII	Computer Graphics & Multimedia Lab	4			2		30	20	50	Common to CS, IT
7CS8	VII	VLSI Physical Design Lab	4			3		45	30	75	
7CS9	VII	Compiler Design Lab	4			3		45	30	75	
7CS10	VII	Minor Project				2		30	20	50	Common to CS, IT
7CS11	VII	Practical Training*				2		60*	40	100	Common to CS, IT
7CSDC	VII	Discipline & Extra Curricular Activities								50	
TOTAL				18		12				1000	

\*=20 Marks are for Tech. Tour Report

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8CS1	VIII	Mobile Computing	3	3	1		C	20	80	100	
8CS2	VIII	Information System Security	3	3	-		C	20	80	100	Common to CS, IT
8CS3	VIII	Distributed Systems	3	3			C	20	80	100	
8CS4.1	VIII	Hardware Testing & Fault Tolerance	3	3			E	20	80	100	
8CS4.2	VIII	Real Time Systems	3	3	-		E	20	80	100	
8CS4.3	VIII	Digital Image Processing	3	3	-		E	20	80	100	Common to CS, IT
8CS5	VIII	Unix Network Programming & Simulation Lab	4			3		60	40	100	
8CS6	VIII	FPGA Lab.	4			3		60	40	100	
8CS7	VIII	Seminar on Information Technology Acts	2			2		30	20	50	Common to CS, IT
8CS8	VIII	Project				2		120	80	200	Common to CS, IT
8CS9	VIII	Seminar				2+2				100	Common to CS, IT
8CSDC	VIII	Discipline & Extra Curricular Activities								50	
		TOTAL		12	1	14				1000	

NOTE: Only one of the three electives is to be chosen by each students from the list of electives in each semester.

LEGENDS L= LECTURE/WEEK  
T= TUTORIALS/WEEK  
P= PRACTICAL HRS./WEEK  
C= COMPULSORY COURSES  
E= ELECTIVE