

B. Tech. Computer Science & Engineering
Four-Year Programme

Academic Curriculum (2009 – 10 onwards)

Second Year

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTT**	ETE
Autumn Semester	MT 202	Organizational Behavior and Management Practices	3	0	0	3	3	10	40	50
	MA 205	Mathematics III	3	1	0	4	3	10	40	50
	EC 213	Fundamentals of Analog Electronics	3	1	0	4	3	10	40	50
	EC 214	Fundamentals of Digital Electronics	2	1	0	3	3	10	40	50
	CS 201	Discrete Structures	3	1	0	4	3	10	40	50
	CS 203	Data Structures and Algorithms	3	1	0	4	3	10	40	50
	CS 205	Java Programming	3	0	0	3	3	10	40	50
	CS 221	Data Structures Laboratory	0	0	2	1	2	20	40	40
	CS 223	Java Programming Laboratory	0	0	2	1	2	20	40	40
	EC 221	Analog Electronics Laboratory	0	0	2	1	2	20	40	40
	GE 201	Discipline	-	-	-	1	-	100		
	Sub Total			20	5	6	29			
	GE 203	Proficiency (Non Credit) [†]	-	-	-	1				

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTT**	ETE
Spring Semester	MT 201	Engineering Economics	2	0	0	2	2	10	40	50
	MA 204	Statistics and Probability Theory	3	1	0	4	3	10	40	50
	EC 207	Electronic Devices and Circuits	3	1	0	4	3	10	40	50
	EC 214	Communication Engineering	3	1	0	4	3	10	40	50
	CS 204	Software Engineering	3	1	0	4	3	10	40	50
	CS 206	Database Management Systems	3	1	0	4	3	10	40	50
	EC 223	Digital Electronics Laboratory	0	0	2	1	2	40	40	20
	EC 232	Communication Engineering Laboratory	0	0	2	1	2	20	40	40
	CS 224	Software Engineering Laboratory I	0	0	2	1	2	20	40	40
	CS 226	Database Management Systems Laboratory	0	0	2	1	2	20	40	40
	GE 202	Discipline	-	-	-	1	-	100		
	Sub Total			17	5	8	27			
	GE 204	Proficiency (Non Credit) [†]	-	-	-	1				