

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

Academic Curriculum (2009 – 10 onwards)

Third Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTT**	ETE
	CS 301	Design and Analysis of Algorithms	3	1	0	4	3	10	40	50
	CS 303	Theory of Computation	3	1	0	4	3	10	40	50
	CS 305	Computer Organization	3	1	0	4	3	10	40	50
	CS 307	Computer Graphics	3	0	0	3	3	10	40	50
	CS 313	e-Commerce	3	1	0	4	3	10	40	50
	CS 309	System Programming	2	1	0	3	2	10	40	50
	CS 321	Software Engineering Laboratory II	0	0	2	1	2	20	40	40
	CS 323	Computer Graphics Laboratory	0	0	4	2	3	20	40	40
	CS 325	System Programming Laboratory	0	0	4	2	3	20	40	40
	GE 301	Discipline	-	-	-	1	-	100		
	Sub Total		17	5	10	28				
	GE 303	Proficiency (Non Credit) [†]	-	-	-	1				

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTT**	ETE
	MA 302	Linear Optimization	3	1	0	4	3	10	40	50
	EC 202	Microprocessors and Microcontrollers	3	0	0	3	3	10	40	50
	CS 302	Principles of Compiler Design	3	1	0	4	3	10	40	50
	CS 304	Operating Systems	3	0	0	3	3	10	40	50
		Elective I	3	1/0	0/2	4	3	10	40	50
	EC 222	Microprocessors and Microcontrollers Laboratory	0	0	2	1	2	20	40	40
	CS 322	Operating Systems Laboratory	0	0	4	2	3	20	40	40
	CS 324	Internet Programming Laboratory	0	0	4	2	3	20	40	40
	GE 302	Interpersonal Communication	0	0	2	1	2	20	40	40
	GE 304	Discipline	-	-	-	1	-	100		
	Sub Total		15	2/3	12/1 4	25				
	GE 306	Proficiency (Non Credit) [†]	-	-	-	1				