

B. Tech. Electronics & Communication 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 201	Engineering Economics	2	0	0	2	2	10	40	50	
	MA 205	Mathematics III	3	1	0	4	3	10	40	50	
	EE 201	Network Analysis	3	1	0	4	3	10	40	50	
	EC 212	Electronics Material	3	1	0	4	3	10	40	50	
	EC 207	Electronics Devices and Circuits	3	1	0	4	3	10	40	50	
	EC 205	Digital Electronics	3	1	0	4	3	10	40	50	
	EE 221	Network Analysis Laboratory	0	0	2	1	2	20	40	40	
	EC 221	Analog Electronics Laboratory	0	0	2	1	2	20	40	40	
	EC 223	Digital Electronics Laboratory	0	0	2	1	2	20	40	40	
	EC 225	Electronic Workshop Laboratory	0	0	2	1	2	20	40	40	
	GE 201	Discipline	0	0	0	1	-	100			
	Sub Total			17	5	8	27				
	GE 203	Proficiency (Non credit) †	0	0	0	1					

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration		Weightage (%)		
			L	T	P		Hours	CW*	MTT**	ETE	
Spring Semester	EC 202	Microprocessors and Microcontrollers	3	0	0	3	3	10	40	50	
	EC 204	Integrated Circuits and Applications	3	0	0	3	3	10	40	50	
	EC 206	Signals and Systems	3	1	0	4	3	10	40	50	
	MA 204	Statistics and Probability Theory	3	1	0	4	3	10	40	50	
	EC 210	Electromagnetic Field Theory	3	1	0	4	3	10	40	50	
	CS 203	Data Structures and Algorithms	3	1	0	4	3	10	40	50	
	CS 208	Java Programming	2	0	0	2	2	10	40	50	
	EC 222	Microprocessors and Microcontrollers Laboratory	0	0	2	1	2	20	40	40	
	EC 224	Integrated Circuits and Applications Laboratory	0	0	2	1	2	20	40	40	
	CS 221	Data Structures Laboratory	0	0	2	1	2	20	40	40	
	CS 228	Java Programming Laboratory	0	0	2	1	2	20	40	40	
	GE 202	Discipline	0	0	0	1		100			
	Sub Total			20	4	8	29				
GE 204	Proficiency (Non credit) †	0	0	0	1						