

B. Tech. Electrical and Electronics Engineering

Four-Year Programme

Academic Curriculum (2009 – 10 onwards)

Third Year

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTI**	ETE
Autumn Semester	EC 202	Microprocessors and Microcontrollers	3	0	0	3	3	10	40	50
	CS 208	Java Programming	2	0	0	2	3	10	40	50
	EE 401	Control Systems Engineering	3	1	0	4	3	10	40	50
	EE 301	Power System-I	3	1	0	4	3	10	40	50
	MT 201	Engineering Economics	2	0	0	2	2	10	40	50
	EC 206	Signals and Systems	3	1	0	4	2	10	40	50
	CS 311	Computer Architecture and Organization	3	1	0	4	2	10	40	50
	EC 222	Microprocessors and Microcontrollers Laboratory	0	0	2	1	2	20	40	40
	CS 228	Java Programming Laboratory	0	0	2	1	2	20	40	40
	EE 421	Control Systems Laboratory	0	0	2	1	2	20	40	40
	GE 301	Interpersonal Communication	0	0	2	1	2	20	40	40
	GE 303	Discipline	-	-	-	1	-	100		
	Sub Total			15	4	10	25			
GE 305	Proficiency (Non Credit) †	-	-	-	1					

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTI**	ETE
Spring Semester	EE 302	Power Electronics	3	1	0	4	3	10	40	50
	CS 403	Computer Networks	3	1	0	4	3	10	40	50
	EC 305	Digital signal Processing	3	1	0	4	3	10	40	50
	EE 302	Power System-II	3	1	0	4	3	10	40	50
	EC 204	Integrated Circuit & Applications	3	1	0	4	3	10	40	50
	EC 325	Digital signal Processing Laboratory	0	0	2	1	2	20	40	40
	EE 322	Power Electronics Laboratory	0	0	2	1	2	20	40	40
	EE 321	Power System Laboratory	0	0	2	1	2	20	40	40
	CS 326	Principles of Programming Laboratory	0	0	2	1	2	20	40	40
	GE 304	Discipline	-	-	-	1	-	100		
	Sub Total			18	3/4	6/8	26			
	GE 306	Proficiency (Non Credit) †	-	-	-	1				