

## B. Tech. Electronics & Communication 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
	EC 301	Principles of Digital Communication	3	1	0	4	3	10	40	50
EC 303	Microwave Engineering	3	1	0	4	3	10	40	50	
EC 305	Digital Signal Processing	3	1	0	4	3	10	40	50	
CS 311	Computer Architecture and Organization	3	1	0	4	3	10	40	50	
EC 307	Electronic Measurements and Instrumentation	3	0	0	3	2	10	40	50	
EC 321	Digital Communication Laboratory	0	0	2	1	2	20	40	40	
EC 323	Microwave Engineering Laboratory	0	0	2	1	2	20	40	40	
EC 325	Digital Signal Processing Laboratory	0	0	2	1	2	20	40	40	
EC 327	Electronic Measurements and Instrumentation 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			
<b>Sub Total</b>		<b>15</b>	<b>4</b>	<b>10</b>	<b>25</b>					
GE 305	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
	EC 302	Antenna and Wave Propagation	3	1	0	4	3	10	40	50
EE 302	Power Electronics	3	1	0	4	3	10	40	50	
EC 314	VLSI Design	3	1	0	4	3	10	40	50	
EC 306	Communication Systems and Techniques	3	0	0	3	3	10	40	50	
MT 202	Organizational Behavior and Management Practices	3	0	0	3	3	10	40	50	
	Elective I	3	1/0	0/2	4	3	10	40	50	
EC 322	Antenna and Wave Propagation Laboratory	0	0	2	1	2	20	40	40	
EE 322	Power Electronics Laboratory	0	0	2	1	2	20	40	40	
EC 324	Advanced Communication Laboratory	0	0	2	1	2	20	40	40	
GE 304	Discipline	-	-	-	1	-	100			
<b>Sub Total</b>		<b>18</b>	<b>3/4</b>	<b>6/8</b>	<b>26</b>					
GE 306	Proficiency (Non Credit) †	-	-	-	1					