

**M. Tech. in Electronics and Communication Engineering  
2014--2017**

<b>I<sup>ST</sup> SEMESTER</b>						
S. No.	Subject Code	Name of the Subjects	Course Hours			Credits
			L	T	P	
1	10M11EC114	VLSI Circuit and System Design	3	0	0	3
2	10M11EC113	Advanced Telecommunication Network	3	0	0	3
3	10M11EC112	Advanced Satellite and Fiber Optic Communication	3	0	0	3
4	10M11EC111	Advanced Communication System	3	0	0	3
5	10M17EC171	ECE Design and Simulation Lab-1	0	0	4	2
<b>ANY ONE ELECTIVE</b>						
6	13M1WEC132	Mathematical Techniques for Engineering	3	0	0	3
7	12M1WEC131	Multimedia Communication Theory and Standards	3	0	0	3
					<b>Total</b>	<b>17</b>
<b>II<sup>ND</sup> SEMESTER</b>						
S. No.	Subject Code	Subject Names	Course Hours			Credits
			L	T	P	
1	10M11EC211	Advanced Digital Signal Processing	3	0	0	3
2	10M11EC212	Advance Wireless & Mobile Communication	3	0	0	3
3	10M11EC213	Information & Coding Theory	3	0	0	3
4	10M17EC271	ECE Design & Simulation Lab II	0	0	4	2
5	13M1WEC231	Advanced Neural Networks	3	0	0	3
<b>ANY TWO ELECTIVES</b>						
6	12M1WEC231	Antenna and Radio Wave Propagation	3	0	0	3
7	12M1WEC232	Real Time Embedded System	3	0	0	3
8	14M1WEC231	Advanced CMOS Digital Design Techniques	3	0	0	3
9	15M1WEC231	Biomedical signal and Image Processing	3	0	0	3
10	16M1WEC231	Advanced Digital Image Processing	3	0	0	3
					<b>Total</b>	<b>17</b>
<b>III<sup>RD</sup> SEMESTER</b>						
S. No.	Subject Code	Name of the Subjects	Course Hours			Credits
			L	T	P	
1	10M19CI393	Seminar	0	0	4	2
2	10M19CI391	Project Part I	0	0	10	12
<b>ANY TWO ELECTIVES</b>						
3	13M1WEC334	Antenna Theory and Techniques	3	0	0	3
4	14M1WEC331	Fault Tolerant Communication Networks	3	0	0	3

5	17M1WEC331	VLSI in Biomedical Processing System	3	0	0	3
6	17M1WEC332	Computational Intelligence and Applications	3	0	0	3
					<b>Total</b>	<b>20</b>
<b>III<sup>RD</sup> SEMESTER</b>						
S.No.	Subject Code	Subject Names	Course Hours			Credits
			L	T	P	
1	10M19EC493	Seminar	0	0	4	2
2	10M19EC491	Project Part I	0	0	10	14
<b>ANY TWO ELECTIVE</b>						
3	11M1WEC433	Fault Tolerent Systems	3	0	0	3
4	12M1WEC432	Fundamentals of MIMO Systems	3	0	0	3
5	13M1WEC431	Statistical Signal Processing	3	0	0	3
6	13M1WEC432	Radar and Sonar Signal Processing	3	0	0	3
					<b>Total</b>	<b>22</b>