

**School Name: School of Engineering**

**Department Name: Department of Electrical, Electronics & Communication  
Engineering Program Name: M.Tech. (Communication Engineering)**

**Scheme: 2016-2018**

<b>SEMESTER I</b>						
<b>Sl. No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	MAT502	Advanced Numerical & Statistical Methods	3	1	0	4
2	ECE511	Microwave Integrated Circuits	3	0	0	3
3	ECE512	Information Theory and Coding	3	0	0	3
4	ECE513	Advanced Radiation Systems (PE-1)	3	0	0	3
5	ECE516	Modern Digital Signal Processing	3	0	0	3
6	ECE551	Digital Signal Processing Lab	0	0	2	1
7	ECE552	Information Theory and Coding Lab	0	0	2	1
<b>SEMESTER II</b>						
<b>Sl. No.</b>	<b>Course code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	ECE520	Optical Networks	3	0	0	3
2	ECE540	Optical Networks Lab	0	0	2	1
3	ECE521	Satellite Communication	3	0	0	3
4	ECE522	Mobile Ad Hoc Networks (PE-2)	3	0	0	3
5	ECE523	Mobile Communication Techniques	3	0	0	3
6	ECE524	Digital Communication System Design	3	0	0	3
7	ECE544	Digital Communication System Design Lab	0	0	2	1
8	ENG548	Professional and Communication skills	0	0	4	2
<b>SEMESTER III</b>						
<b>Sl. No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	ECE610	Advanced Digital Image Processing (PE-3)	3	0	0	3
2	ECE611	Mobile Computing (PE-4)	3	0	0	3
3	ECE612	Network Routing Algorithms	3	0	0	3
4	ECE613	Soft Computing	3	0	0	3
5	ECE619	Capstone Design-1	0	0	10	5
Total Credits						16
<b>SEMESTER IV</b>						
<b>Sl. No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	ECE629	Capstone Design-2 (PC)	0	0	30	15