

**School Name: School of Engineering**

**Department Name: Department of Electrical, Electronics & Communication**

**Engineering Program Name: M.Tech. (Communication Engineering)**

**Scheme: 2017-2019**

<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	MATH5001	Advanced Numerical & Statistical Methods (UC)	3	1	0	4
2	MCEN5003	Advanced Radiation Systems (PE)	3	0	0	3
3	MCEN5002	Information Theory and Coding (PC)	3	0	0	3
4	MCEN5004	Modern digital signal processing (PE)	3	0	0	3
5	MCEN5001	Microwave Integrated Circuits	3	0	0	3
6	MCEN5005	Advanced Digital Signal Processing Lab (PC)	0	0	2	1
7	MCEN5006	Information Theory and Coding Lab (PC)	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	CENG5001	Professional and Communication skills (UC)	0	0	4	2
2	MCEN5007	Optical Networks (PC)	3	0	0	3
3	MCEN5008	Advanced Satellite Communication (PE)	3	0	0	3
4	MCEN5009	Mobile Ad Hoc Networks (PE)	3	0	0	3
5	MCEN5010	MOBILE Communication Techniques (PC)	3	0	0	3
6	MCEN5011	Digital Communication System Design (PC)	3	0	0	3
7	MCEN5012	Digital Communication System Design Lab (PC)	0	0	2	1
8	MCEN5013	Optical Communication Lab (PC)	0	0	2	1
<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	MCEN6001	Advanced Digital Image Processing	3	0	0	3
2	MCEN6002	Mobile Computing	3	0	0	3
3	MCEN6003	Network Routing Algorithms	3	0	0	3
4	MCEN6004	Soft Computing	3	0	0	3
5	MCEN9998	Capstone Design-1	0	0	10	5
<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	MCEN9999	Capstone Design-2 (PC)	0	0	30	15