

## M.Tech – Digital Electronics & Communication Systems

<b>S. No</b>	<b>Displine Courses</b>
1	Research Methods-I
2	Digital Systems Design
3	Advanced Microcontrollers & Processors
4	Wireless communication & computer Networks
5	VLSI Physical Design
6	Research Methods-II
<b>Inter disciplinary Courses</b>	
1	Machine Learning based Signal Processing
2	Advanced soft computing Techniques
<b>Electives</b>	
1	Advanced Digital Signal Processing
2	Detection and Estimation of Signals
3	SATELLITE and RADAR Communication Systems
4	MIMO Wireless Communication
5	VLSI Design Verification and Testing
6	Programming Languages for Embedded Software
7	RTL Simulation and Synthesis
8	Advanced Antennas for Space Communications
9	Machine Learning for Wireless Communication
10	OPTICAL Communication and Networks
11	VLSI Signal Processing
12	Embedded and Real Time Systems
13	DSP Processors and Architectures
14	Analog and Digital IC Design
15	Smart Antennas