

**MASTER OF TECHNOLOGY IN COMMUNICATION SYSTEMS (IC DESIGN)**

**SEMESTER - I**

Sl.No	Course Code	Course Name	L	T	P	Hrs/Week	Total Credits
1	MTEC131	Advanced Antennas & Radiation Systems	3	0	0	3	3
2	MTEC132	Advanced Digital Communication Systems	3	0	0	3	3
3	MTEC133	IC Process Technology and CMOS VLSI Design	2	0	2	4	3
4	MTEC134	Digital System Design using Verilog	2	0	2	4	3
5	MTEC135	CAD and EDA for VLSI Circuits	2	0	2	4	3
6	MTEC136	Applied Mathematics for Electronics Engineers	3	0	0	3	3
7	MLC131	Research Methodology and IPR	2	0	0	2	2
8	HE171	Holistic Education-I	1	0	0	1	1
		<b>Total</b>				<b>24</b>	<b>21</b>

**SEMESTER - II**

Sl.No	Course Code	Course Name	L	T	p	Hrs/Week	Total Credits
1	MTEC231	Wireless & Mobile Communication	3	0	0	3	3
2	MTEC232	Software Defined Radio	3	0	0	3	3
3	MTEC233	Modern Digital Signal Processing	3	0	0	3	3
4	MTEC234	Elective - Basket-1 or Basket-2	2	0	2	4	3
5	MTEC235		2	0	2	4	3
6	MTEC236		3	0	0	3	3
7	MTEC251	Mini Project	0	0	4	4	2
8	HE271	Holistic Education-II	1	0	0	1	1
		<b>Total</b>				<b>25</b>	<b>21</b>

**SEMESTER - III**

Sl.No	Course Code	Course Name	Theory Hrs	Tutorial Hrs	Practical Hrs	Hrs/Week	Total Credits
1	AC331	Audit Course - I	2	0	0	2	0
2	AC332	Audit Course - II	2	0	0	2	0
3	MTEC351	Paper Presentation	0	0	0	0	2
4	MTEC371	Dissertation Phase -I	0	0	20	20	10
		<b>Total</b>				<b>24</b>	<b>12</b>

**SEMESTER - IV**

Sl.No	Course Code	Course Name	Theory Hrs	Tutorial Hrs	Practical Hrs	Hrs/Week	Total Credits
1	MTEC451	Paper Presentation	0	0	0	0	2
2	MTEC471	Dissertation Phase - II	0	0	32	32	16
		<b>Total</b>				<b>32</b>	<b>18</b>