Department of Electronics and Communication Engineering

Curriculum & Syllabi 2011 Regulations for M.E. Communication Systems

SEMESTER I

S.No	Course Code	Course Name	L	T	P	C	M
1	11CM101	Linear Algebra	3	1	0	4	100
2	11CM102	Advanced Digital Communication Techniques	3	0	0	3	100
3	11CM104	Microwave Circuit Design	3	0	0	3	100
4	11CM105	Optical Communication Networks	3	0	0	3	100
5	11AE102	Advanced Digital Signal Processing	3	1	0	4	100
6	XXX	Elective I	3	0	0	3	100
7	11CM107	Communication System Laboratory	0	0	3	2	100
		Total	**18**	**2**	**3**	**22**	**700**

SEMESTER II

8	11CM201	Wireless and Cellular Communication Engineering	3	0	0	3	100
9	11CM202	Multimedia Compression	3	0	0	3	100
10	11CM203	Advanced Radiation Systems	3	0	0	3	100
11	11CM204	RF System Design	3	0	0	3	100
12	XXX	Elective II	3	0	0	3	100
13	XXX	Elective III	3	0	0	3	100
14	11CM207	RF and Networks Laboratory	0	0	3	2	100
		Total	**18**	**0**	**3**	**20**	**700**

SEMESTER III

15	XXX	Elective IV	3	0	0	3	100
16	XXX	Elective V	3	0	0	3	100
17	XXX	Elective VI	3	0	0	3	100
18	11CM307	Project Work Phase I	0	0	12	6	200
		Total					

SEMESTER IV

19	11CM407	Project Work Phase II	0	0	24	12	400
		Total	**0**	**0**	**24**	**12**	**400**

L: Lecture   T: Tutorial   P: Practical   C: Credits   M: Marks

List of Elective							
1	11AE926	Internetworking and multimedia	3	0	0	3	100
2	11AE928	Research Methodology	3	0	0	3	100
3	11CM913	DSP Processor Architecture and programming	3	0	0	3	100
4	11CM914	Digital Speech Signal Processing	3	0	0	3	100
5	11CM915	Network Routing Algorithms	3	0	0	3	100
6	11CM916	Global Positioning Systems	3	0	0	3	100
7	11CM919	Digital Communication Receivers	3	0	0	3	100
8	11CM920	Wavelets and Subband Coding	3	0	0	3	100
9	11CM922	High Performance Computer Networks	3	0	0	3	100
10	11AE921	VLSI Signal Processing	3	0	0	3	100
11	11CM923	Adaptive Signal Processing	3	0	0	3	100
12	11CM924	High Speed Switching Architectures	3	0	0	3	100
13	11CM925	LabVIEW Based Signal Processing	3	0	0	3	100
14	11CM926	Microwave Integrated Circuits	3	0	0	3	100
15	11CM927	Radar and Navigational Aids	3	0	0	3	100
16	11CM929	VLSI for Wireless Communication	3	0	0	3	100
17	11CM931	Multiuser detection	3	0	0	3	100
18	11CM932	Smart antennas	3	0	0	3	100
19	11CM933	Spread spectrum communication	3	0	0	3	100
20	11CM934	FPGA Based System Design	3	0	0	3	100
21	11CP919	Soft Computing	3	0	0	3	100
22	11CM917	Wireless AdHoc Networks	3	0	0	3	100
23	11CM912	Wireless Security	3	0	0	3	100
24	11CM930	Wireless Sensor Networks Technology	3	0	0	3	100
25	11CM911	Wireless Systems and Standards	3	0	0	3	100