

2- Year M.Tech. in ICT (Specialization in WCN) (2015-2017)  
SEMESTER- I

Sr.No	Course Code	Courses	L-T-P	Credits
1	EC535	Digital IC Design	3-1-0	C1 4
2	CS523	Advanced Computer Architecture	3-1-0	C2 4
3	EC531	Advanced Digital Communication System	3-1-0	C3 4
4	CS527	Research Techniques in ICT	3-1-0	SEC1 4
5		Open Elective-1	3-0-0	OE1 3
6	EC585	Digital IC Design Lab	0-0-3	C4 2
7	EC581	Advanced Digital Communication Lab	0-0-3	C5 2
8	GP	General Proficiency		Non Credit
Total Credits				23
Total Contact Hours			15-4-6	25

1. Open Electives-I, Electives from other school

SEMESTER- II

Sr.No	Course Code	Courses	L-T-P	Credits
1		Generic Elective	3-1-0	GE1 4
2	EC540	Wireless Networks	3-0-0	C6 3
3	EC534	Wireless System Design	3-0-0	C7 3
4	EC546	Ad-hoc Wireless Networks	3-0-0	C8 3
5		Elective-1	3-0-0	DSE1 3
6	EC584	Design Lab-I	0-0-3	C9 2
7	EC592	Major Project	0-0-10	DP1 5
8	GP	General Proficiency	---	Non Credit
Total			15-1-13	23
Total Contact Hours				29

Elective: 1

Sr.No	Course Code	Courses
1	EC532	Advanced Communication Networks
2	EC542	Advanced Computer Networks
3	EC544	Advanced RF Engineering
4	EC550	Advanced Microwave Communication
5	EC562	Optical Networks

Generic Elective (GE1)

1. MA 402 Modeling and Simulation
2. MA416 Probability and Stochastic Process



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SEMESTER – III

Sr. No.	Course Code	Courses	L-T-P		Credits
1	EC631	Security in Wireless Networks	3-0-0	C10	3
2	EC635	Mobile Computing	3-0-0	C11	3
3		Elective-2	3-0-0	DSE 2	3
4		Elective-3	3-0-0	DSE 3	3
5	EC681	Design Lab-II	0-0-3	C12	2
6	EC691	Dissertation Part-I	0-0-14	DP2	7
7	GP	General Proficiency	---	Non Credit	
		Total			21
		Total Contact Hours	12-0-17		29

Electives: 2&3

Sr. No.	Course Code	Courses
1	EC639	Discrete Signal Transformations
2	EC641	Network Reliability
3	EC643	Smart Antenna Systems
4	EC645	Broadband Wireless Networks
5	EC647	Sensor Networks
6	EC651	Multicast Communication

SEMESTER-IV

Sr. No	Course Code	Courses	L-T-P		Credits
1	EC690	Dissertation Part-II	---	DP3	23
2	GP	General Proficiency		Non Credit	
		Total	---		23

Grand Total Credits = 90

