

I YEAR I – SEMESTER

S. No.	Course Type	Course Code	Course Title	L	T	P	Credits
1	Professional Core -I	22CM6111	Wireless Communications and Networks	3	0	0	3
2	Professional Core -II	22CM6112	Advanced Digital Signal Processing	3	0	0	3
3	Professional Elective -I	22CM6171	1. Cognitive Radio	3	0	0	3
		22CM6172	2. TCP/IP Internetworking				
		22CM6173	3. Random Processes and Queuing Theory				
4	Professional Elective -II	22CM6174	1. 5G Communications	3	0	0	3
		22CM6175	2. Coding Theory and Techniques				
		22CM6176	3. Spread Spectrum Communications				
5	Professional Core Lab-I	22CM6151	Wireless Communications and Networks Lab	0	0	4	2
6	Professional Core Lab-II	22CM6152	Python Programming Lab	0	0	4	2
7	Mandatory Course	22MC6111	Research Methodology & IPR	2	0	0	2
8	Audit	22AU6101	Stress Management for Yoga	2	0	0	0
Total Credits				16	0	8	18

I YEAR II – SEMESTER

S. No	Course Type	Course Code	Course Title	L	T	P	Credits
1	Professional Core -III	22CM6211	Advanced Communications and Networks	3	0	0	3
2	Professional Core -IV	22CM6212	Network Security And Cryptography	3	0	0	3
3	Professional Elective -III	22CM6271	1. Optical Communications and Networks	3	0	0	3
		22CM6272	2. Ad-hoc & Wireless Sensor Networks				
		22CM6273	3. Detection and Estimation Theory				
4	Professional Elective -IV	22CM6274	1. Machine Learning and Applications	3	0	0	3
		22CM6275	2. High Performance Networks				
		22CM6276	3. Adaptive Signal Processing				
5	Professional Core Lab-III	22CM6251	Advanced Communications and Networks Lab	0	0	4	2
6	Professional Core Lab-IV	22CM6252	Network Security And Cryptography Lab	0	0	4	2
7	Project Work	22CM6291	Mini project with Seminar	0	0	4	2
8	Audit	22AU6201	English for Research Paper Writing	2	0	0	0
Total Credits				14	0	12	18

II YEAR I – SEMESTER

S. No.	Course Type	Course Code	Course Title	L	T	P/D	Credits
1	Professional Elective -V	22CM7171	1. Voice and Data Network	3	0	0	3
		22CM7172	2. IOT and Its Application				
		22CM7173	3. Deep Learning				
2	Open Elective	Open Elective	--	3	0	0	3
3	Project Work	22CM7181	Dissertation Work Review – I	0	0	12	6
Total Credits				6	0	12	12

II YEAR II – SEMESTER

R-22

S. No.	Course Type	Course Code	Course Title	L	T	P	Credits
1	Project Work	22CM7281	Dissertation Work Review — II	0	0	12	6
2	Project Work	22CM7282	Dissertation Viva-Voce	0	0	28	14
Total Credits				--	--	40	20

Audit Course 1 & 2:

1. English for Research Paper Writing
2. Disaster Management
3. Sanskrit for Technical Knowledge
4. Value Education
5. Constitution of India
6. Pedagogy Studies
7. Stress Management by yoga
8. Personality Development Through Life Enlightenment Skills

Category of Courses :

1. Program Core – PC
2. Program Electives -PE
3. Open Elective – OE
4. Audit Course- AD
5. Mandatory Course - MC
6. Project Work-PW