

M.E. Semester I
Communication Technology and Management
Choice Based Credit Grading Scheme (CBCGS 2024)

Course Description			Teaching Scheme (Academic)					Examination scheme(Academic)				
			Modes of Teaching / Learning / Weightage					Modes of Continuous Assessment / Evaluation				
Sr. No.	Course Code	Course Title	Hours Per Week				Credits	Theory (100)		Practical/Oral /Presentation PR/OR	Term Work TW	Total
			Th	Tut	Pr.	Contact Hours		IA	ESE			
1	PCC-CTMME101	Advanced Communication and Networks	3	-	-	3	3	25	75	-	-	100
2	PCC-CTMME102	Telecom Network Management	3	-	-	3	3	25	75	-	-	100
3	PEC-CTMME101X	Program Elective -1*	3	-	-	3	3	25	75	-	-	100
4	PEC-CTMME102X	Program Elective -2*	3	-	-	3	3	25	75	-	-	100
5	MC-CTMME101	Research Methodology & IPR	2	-	-	2	2	15	35	-	-	50
6	AC-CTMME00X	Audit Course I	2	-	-	2	-	-	-	-	50	50
7	LC-CTMME101	Computational Lab I	-	-	4	4	2	-	-	25	25	50
8	LC-CTMME102	Computational Lab II	-	-	4	4	2	-	-	25	25	50
9	IC-CTMME 101	Industry Certification#	-	-	4	4	2			25	25	50
Total	16	-	16	-	12	28	20	Total marks				650

Program Elective I & II

Sr No	Course Code	Program Elective -1	Course Code	Program Elective -2	Domain Specialization*
01	PEC- CTMME1011	Wireless Sensor Networks	PEC- CTMME1021	Wireless and Mobile Communication	Communication
	PEC- CTMME1012	RF and Microwave Circuit Design	PEC- CTMME1022	Cognitive Radio	
	PEC- CTMME1013	Statistical Information Processing	PEC- CTMME1023	DSP Architecture	
02	PEC- CTMME1014	DSP Architecture	PEC- CTMME1024	JTFA and MRA	Signal Processing
	PEC- CTMME1015	Remote Sensing	PEC- CTMME1025	Voice and Data Networks	
	PEC- CTMME1016	Computer Vision	PEC- CTMME1026	Audio Video Coding & Compression	
03	PEC- CTMME1017	Energy Audit and Management	PEC- CTMME1027	Digital Marketing	Management
	PEC- CTMME1018	Industrial Product Design	PEC- CTMME1028	Digital Business Management	
	PEC- CTMME1019	Graph Theory and Optimization Techniques	PEC- CTMME1029	Project Management	

*Students opting for a particular Domain Specialization Track in all the semesters & Industry Certification will be eligible for domain specialization by Institute.

%Students selecting program electives across different tracks will be offered a degree without domain specialization certificate.

Sr No	Course Code	Audit Courses I & II
01	AC- CTMME001	English for Research Paper Writing
02	AC- CTMME002	Disaster Management
03	AC- CTMME003	Sanskrit for Technical Knowledge
04	AC- CTMME004	Value Education
05	AC- CTMME005	Constitution of India
06	AC- CTMME006	Pedagogy Studies
07	AC- CTMME007	Stress Management by Yoga
08	AC- CTMME008	Personality Development through Life Enlightenment Skills.

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Dr. Payel Saha
BOS Chairperson, HOD-E&TC

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Dr. Sheetal Rathi
Member Secretary Academic Council, Dean Academic

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Dr. B. K. Mishra
Chairman Academic Council, Principal