



Lagdu Singh Charitable Trust's (Regd.)

THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

Autonomous College Affiliated to University of Mumbai

Approved by All India Council for Technical Education(AICTE) and Government of Maharashtra(GoM)

Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y 2019-20

Amongst Top 200 Colleges in the Country, Ranked 193rd in NIRF India Ranking 2019 in Engineering College category

• ISO 9001:2015 Certified • Programmes Accredited by National Board of Accreditation (NBA), New Delhi

• Institute Accredited by National Assessment and Accreditation Council (NAAC), Bangalore

Website : www.tcetmumbai.in

Department of Electronics and Telecommunication Engineering

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



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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	Internet of Things	
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.



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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.

Sd.
Dr. Payel Saha
HoD
Chairman-BoS

Sd.
Dr. Sheetal Rathi
Dean Academic
Convenor-Academic Council

Sd.
Dr. R.R. Sedamkar
Vice Principal
Member Secretary-Academic Council

Sd.
Dr. B.K. Mishra
Principal
Chairman-Academic Council