



**Department of Electronics and Telecommunication Engineering**  
**M.E. Semester IV**  
**Communication Technology and Management**  
**Choice Based Credit Grading Scheme (CBCGS 2024)**

Course Description			Teaching Scheme (Academic)				Examination scheme(Academic)					
Sr. No.	Course Code	Course Title	Hours Per Week			Contact Hours	Credits	Theory(100)		Practical/Ora l/Presentation	Term Work	Total
			Th	Tut	Pr			IA	ESE			
1	D2- CTMME401	Dissertation –II / Industry Project	-	-	40	40	20	-	-	100	100	200
		<b>Total</b>	-	-	<b>40</b>	<b>40</b>	<b>20</b>	<b>Total marks (Academic)</b>			<b>200</b>	

Dissertation-I should be preferably based on industrial /research project carried out in industry or institute /research organization

Th : Theory	IA- In-Semester Assessment
Tut:Tutorial	ESE- End Semester Examination
Pr:Practical	PR- Practical Examination
PC: Program Core	TW – Term Work Examination
PE: Program Elective	OR- Oral Examination
MC: Mandatory Course	AC- Activity
AE: Audit Elective	@ITP :Integrated Theory/Practice
PCL: Program Core Laboratory	@CL/PL: Collaborative/Peer Learning
PEL: Program Elective Laboratory	IC – Industry Certification
OE: Open Elective	
D: Dissertation	



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 193<sup>rd</sup> 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](http://www.tcetmumbai.in)

### Program Elective

Program Elective -1	Program Elective -2	Program Elective -3	Program Elective -4	Program Elective -5	Specialization
Wireless Sensor Networks/ RF and Microwave Circuit Design/ Statistical Information Processing	Wireless and Mobile Communication/Cognitive Radio/ Internet of Things	Satellite Communication/RF MEMS/ Voice and data networks	Markov Chain and Queuing System/MIMO System/Programmable Networks – SDN, NFV	High Performance Networks/ Remote Sensing/ Pattern Recognition and Machine learning.	Communication
DSP Architecture/ Remote Sensing/ Computer Vision	JTFA and MRA/ Voice and Data Networks/ Audio Video Coding & Compression	Advanced Computer Architecture / IOT and Applications/ Audio Processing	Multispectral Signal Analysis/ Digital Design and Verification /Biomedical Signal Processing	Artificial Intelligence/Optimization Techniques/ Modelling and Simulation Techniques	Signal Processing
Energy Audit and Management/ Industrial Product Design/ Graph Theory & Optimization Technique	Digital Marketing/ Digital Business Management/ Project Management	Management Information System/ Design Thinking and Innovation Management / Random Process and Statistical Methods	Digital Transformation/ Financial Management/ Production Management	Information Systems and E-Business/ Managerial Economics/ Intellectual property Rights (IPR)	Management

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