



**Department of Electronics and Telecommunication Engineering  
M.E. Semester III  
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	PEC-CTMME301X	Program Elective 5*	1	-	-	1	1	-	-	25	25	50
2	OEC-CTMME30X	Open Elective @	1	-	-	1	1	-	-	25	25	50
3	D1-CTMME301	Dissertation –I/ Industry Project	-	-	36	36	18	-	-	50	50	100
		<b>Total</b>	<b>2</b>	<b>-</b>	<b>36</b>	<b>38</b>	<b>20</b>	<b>Total marks (Academic)</b>			<b>200</b>	

\* Students may complete Program Elective or similar PG level courses through MOOCs/self-learning mode.

@Students may complete Sem III Open Elective courses through MOOCs/self-learning mode.

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



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)

Sr No	Course Code	Program Elective -5 Communication	Domain Specialization
01	PEC- CTMME3011	High Performance Networks	Communication
	PEC- CTMM3012	Remote Sensing	
	PEC- CTMME3013	Pattern Recognition and Machine learning.	
02	PEC- CTMME3014	Artificial Intelligence	Signal Processing
	PEC- CTMME3015	Optimization Techniques	
	PEC- CTMME3016	Modelling and Simulation Techniques	
03	PEC- CTMME3017	Information Systems and E-Business	Management
	PEC- CTMME3018	Managerial Economics	
	PEC- CTMME3019	Intellectual Property Rights (IPR)	

Open Elective		
Sr. No.	Course Code	Course Title
1	OEC-CTMME301	Business Analytics
2	OEC-CTMME302	Industrial Safety
3	OEC-CTMME303	Operations Research
4	OEC-CTMME304	Cost Management of Engineering Projects
5	OEC-CTMME305	Composite Materials
6	OEC-CTMME306	Waste to Energy

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