A - Block, Thakur Educational Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali (East), Mumbar - 400 101. Tel: 6730 8000 / 8106 / 8107 Fax : 2846 1890 Email : test@thakureducation.org Website : www.tcetmumbai.in • www.thakureducation.org (Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbui*)



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THAKUR COLLEGE OF

ENGINEERING & TECHNOLOGY

(Accredited Programmes by National Board of Accreditation, New Delhi**)

THAKUR 66

TCET/FRM/IP-02/10 Revision: B											
Semester Plan (Practical / Tutorials / Assignment)											
Semes	ster: III Course: B.E	ETRX	· Batches: Class wise								
Subjec	t: Applied Mathematics-III Class: S.E ETR	x	Batch size	e: Students							
Laboratory faculty in charge: Lab. Assistant /Attendant:											
Note: Tutorials planned as per University of Mumbai Curriculum											
Basic Tutorials:											
Sr. No.	TITLES Experiments / Tutorials / Assignment (Planning with use of Technology)	Planned Date	Completion Date	Remarks							
1.	Tutorial on Laplace Transform	28/7/17									
2.	Tutorial on Inverse Laplace Transform	4/8/17									
3.	Tutorial on Complex Variables	18/8/17									
4.	Tutorial on Bessel's Functions	1/9/17									
5.	Tutorial on Fourier Series	8/9/17									
6.	Tutorial on Fourier Integral Representation and Fourier Transform	15/9/17									
7.	Tutorial on Vector Algebra and Vector Differentiation	22/9/17									
8.	Tutorial on Vector Integration	6/10/17									



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Permanent All Sazed UG Programmes: • Computer Engineering • Electronics & Netcommunication Engineering • Wormation Technology (w.d.f. A.T. 2015: 16 sensetal)
 ** Lat time Accordinal UG Programmes: • Computer Engineering • Electronics & Telecommunication Engineering • Internation Technology (
 ** Technication Sector 2017)
 ** Technication Technology • Computer Engineering • Electronics & Telecommunication Engineering • Internation Technology (
 ** Technication Technology • Electronics Internation Technology • Electronics Internation

Design/ Development Tutorials:												
9	Quiz on Laplace, Inverse Laplace Transform					0/17						
S.No.	Group Activity				Durati (Week	ion ‹/hrs)	Modes of Learning		Recommended Sources			
1.	Assignment on Laplace Transform and Inverse Laplace Transform				11/0	8/17	Self Learning		Resource Book Module 1 & 2			
2	Assignment on Complex Variable and Fourier series				11/0	9/17	Self Learning		Resource Book Module 3 & 4			
3	Assignment on Vector Differentiation and Vector Integration					0/17	Self Learning		Resource Book Module 5 & 6			
	Planned	Completed		Plannec	I Comp	leted		Pla	anned	Completed		
No. of Prac	No. of Assign ments 03				No. of Tutorial E		asic ts: 08 esign Base					
DOSL	NE:			DO	SLE (eng	aged ir	n some oth	er d	ates):			
 Group activities are required to be added with the practical related to course to enhance the learning activity of the student in the course. Group activity includes: Group presentation, new experiment design, mini projects etc. Note: The practical plan date and completion date shall be in compliance. For any non-compliance reason(s) required to be stated in remark column. Learning objective and outcome shall be clearly stated with each of experiments/ tutorials/ assignments and are required to be mapped at the end of the semester. Entry for DOSLE (engaged on some other date) shall be done with proper mapping to DOSLNE. 												
(Dr. Vinita Agarwal) Name & Signature of Faculty Signature of HOD Signature of Principal / Dean Academ										an Academic		
Date: 20/07/2017			Date	Date:		Date:						