



Laxmi Singh Charitable Trust's (Regd.)

# THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai\*)  
(Accredited Programmes by National Board of Accreditation, New Delhi\*\*)

\*Permanent Affiliated UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (w.e.f. A.Y. 2015-16 onwards)

\*\*1st time Accredited UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology

\*\*2nd time Accredited UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology • Electronics Engineering (3 years w.e.f. 01-07-2016)

A - Block, Thakur Educational Campus,  
Shyamnarayan Thakur Marg, Thakur Village,  
Kandivali (East), Mumbai - 400 101.

Tel.: 6730 8000 / 8106 / 8107

Fax : 2846 1890

Email : tcet@thakureducation.org

Website : www.tcetmumbai.in • www.thakureducation.org



ISO 9001 : 2008 Certified

TCET/FRM/IP-02/10

Revision: B

## Semester Plan (Practical / Tutorials / Assignment)

Semester: **III**

Course: **B.E EXTC**

Batches: **Class wise**

Subject: **Applied Mathematics-III**

Class: **S.E EXTC A**

Batch size: **63** 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	26/7/17		
		27/7/17		
2.	Tutorial on Inverse Laplace Transform	2/8/17		
		3/8/17		
3.	Tutorial on Complex Variables	9/8/17		
		10/8/17		
4.	Tutorial on Bessel's Functions	16/8/17		
		24/8/17		
5.	Tutorial on Fourier Series	30/8/17		
		31/8/17		
6.	Tutorial on Fourier Integral Representation and Fourier Transform	6/9/17		
		7/9/17		
7.	Tutorial on Vector Algebra and Vector Differentiation	13/9/17		
		14/9/17		
8.	Tutorial on Vector Integration	20/9/17		
		21/9/17		



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## Design/ Development Tutorials:

9	Quiz on Laplace, Inverse Laplace Transform			5/10/17				
S.No.	Group Activity			Duration (Week/hrs)	Modes of Learning	Recommended Sources		
1.	Assignment on Laplace Transform and Inverse Laplace Transform			11/08/17	Self Learning	Resource Book Module 1 & 2		
2	Assignment on Complex Variable and Fourier series			11/09/17	Self Learning	Resource Book Module 3 & 4		
3	Assignment on Vector Differentiation and Vector Integration			10/10/17	Self Learning	Resource Book Module 5 & 6		
No. of Prac	Planned	Completed	No. of Assignments	Planned	Completed	No. of Tutorial	Planned	Completed
	NA			03			Basic Tuts: 08 Design Base Tuts: 02	

DOSLNE:

DOSLE (engaged in some other dates):

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:

1. The practical plan date and completion date shall be in compliance. For any non-compliance reason(s) required to be stated in remark column.
2. 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.
3. Entry for DOSLE (engaged on some other date) shall be done with proper mapping to DOSLNE.

(Mr. Yogesh Bhalekar)

Name & Signature of Faculty

Signature of HOD

Signature of Principal / Dean Academic

Date: 20/07/2017

Date:

Date: