



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**)

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

*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)

TCET/FRM/IP-02/10

Revision: B

Semester Plan (Practical / Tutorials / Assignment)

Semester: **V**

Course: **EXTC**

Batches: **T.E (B1B2)**

Subject: **Mini project I**

Class: **T.E EXTC- B**

Batch size: **20** Students

Laboratory faculty in charge: Mr. MANOJ CHAVAN Lab. Assistant /Attendant: **Ms. Asmita Parab
(Lab 103)**

Note: **Experiment planned as per University Curriculum**

Basic Experiments:

Sr. No.	TITLES Experiments / Tutorials / Assignment (Planning with use of Technology)	Planned Date B1-B2	Completion Date	Remarks
1.	To search and select the project title	28/7/17		
2.	To prepare synopsis and presentation of selected project	4/8/17		
3.	To present project idea for selected project title	11/8/17		
4.	Implementation of circuit on breadboard /study of software for code writing /learning the simulation	18/8/17		

Design/ Development Experiments:

5.	Testing of circuit / code writing and testing	1/9/17		
6.	Progress presentation	8/9/17		

Issued By: MR

Approved By: Principal



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Prac	Basic Exp: 04 Design Base Exp: 04 Group Learnin g: 02 Major Project: 02		tation				of R e p o r t s	02	
DOSLNE:				DOSLE (engaged in some other dates):					
<p>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.</p> <p>Note:</p> <ol style="list-style-type: none"> 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. Manoj S. Chavan) Name & Signature of Faculty			(Dr. Vinitkumar Dongre) Signature of HOD			(Dr. R. R. Sedamkar) Signature of Principal / Dean Academic			
Date:			Date:			Date:			
Issued By: MR					Approved By: Principal				



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TCET/FRM/IP-02/10

Revision: B

Semester Plan (Practical / Tutorials / Assignment)

Semester: **V**

Course: **B.E EXTC**

Batches: **T.E (B3B4)**

Subject: **Mini project-I**

Class: **T.E EXTC- B**

Batch size: **40** Students

Laboratory faculty in charge: **Ms.Purnima Chandrashekhar** Lab. Assistant /Attendant:

(Lab Attendant 103)

Note: **Experiment planned as per University Curriculum**

Basic Experiments:

Sr. No.	TITLES Experiments / Tutorials / Assignment (Planning with use of Technology)	Planned Date	Completion Date	Remarks
1.	To search and select the project title	27/07/17		
2.	To prepare synopsis and presentation of selected project	03/08/17		
3.	To present project idea for selected project title	10/08/17		
4.	Implementation of circuit on breadboard /study of software for code writing /learning the simulation	24/08/17		

Design/ Development Experiments:

5.	Testing of circuit / code writing and testing	24/08/17		
6.	Progress presentation	31/08/17		

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7.	PCB implementation/ Simulation results	07/09/17			
8.	PCB implementation/ Simulation results	07/09/17			
Group Learning Activity:					
9	Demo presentation and viva	14/09/17			
10	Submission of final report and prototype	21/09/17			
1. Mini /Minor Projects Objective: To get hands on experience to execute projects with respect to student choice in the following areas. (30 Hrs / Semester / Student). (Total 120 Hrs) The areas are : 1. Research 2. Core 3. Interdisciplinary 4. Application Major project : As per University Scheme					
S.No	Project Title/Group Size	Class	Type / Project Hours	Modes of Learning	Reference
1.	Energy Management System	B.E EXTC-A	Application	Project Based Learning	http://www.mycollegeproject.com/Abstracts/SEM-53.%20Talking%20energy%20meter.pdf http://ijiet.com/wp-content/uploads/2014/05/29.pdf
2.	RF power and photo diode energy harvesting based battery free cellular phone	B.E EXTC-B	Application	Project Based Learning	http://dl.acm.org/citation.cfm?id=3090090&dl=ACM&coll=DL&CFID=787341587&CFTOKEN=67734055
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No. of Prac	Planned	Completed	No. of Presentation	Planned	Completed	No. of Reports	Planned	Completed
	Basic Exp: 04 Design Base Exp: 04 Group Learning: 02 Bridge Course: 02 Major Project: 02			02			02	
DOSLNE:				DOSLE (engaged in some other dates):				
<p>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.</p> <p>Note:</p> <ol style="list-style-type: none"> 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. 								
SD (Mr. Nikhil Tiwari) Name & Signature of Faculty			SD (Dr. Vinitkumar Dongre) Signature of HOD			SD (Dr. R. R. Sedamkar) Signature of Principal / Dean Academic		
Date: 20 /07/2017			Date: 20 /07/2017			Date: 20 /07/2017		
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