THAKUR COLLEGE OF
ENGINEERING & TECHNOLOGY
Zagdu Singh Charitable Trust's (Regd.)
(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
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TCET/FRM/IP-08/10	Revision: B

Semester Plan

(Practical / Tutorials / Assignment)

Semester: **VII**   Course: **B.E.(IT)**   Batches: **A1,A3**

Subject: **Software Project Management**   Class: **B.E.(IT) A**   Batch Size: **20**

Laboratory faculty in charge: Mrs. Mary M.(206)   Lab. Assistant /Attendant: Mr. Anil Taware
                              Mrs. Pranjali Kasture(207)

Sr. No.	TITLES Experiments / Tutorials / Assignment (Planning with use of Technology)	Planned Date A1 A3	Completion Date A1 A3	Remarks
1	Perform feasibility study for the given case study.	19/07/2017 18/07/2017		
2	Perform cost estimation & budgeting.	31/08/2017 01/09/2017		
3	Project evaluation & closure.	5/10/2017 6/10/2017		
Design/ Development Experiments:				
4	Design business case document for the given project.	27/7/2017 28/7/2017		
5	Design project charter plan for the given project.	3/8/2017 4/8/2017		
6	Design work breakdown structure for the given project.	10/8/2017 11/8/2017		
7	Design Project network diagram for the given project.	24/8/2017 18/8/2017		
8	Design Risk management Plan.	7/9/2017 8/9/2017		

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9	Design quality management plan.	14/9/2017 15/9/2017		
	Group Learning Activity:			
10	Case Study on: Ethical leadership	21/9/2017 22/9/2017		
11	Project: 1. Study of project management tools	21/9/2017 22/9/2017		
12	**IEEE Transaction:** What Type of People Are Software Architects?	12/10/17		

Bridge courses Objective: Bridging of gaps with respect to prerequisites and industry skills or to carryout research in that particular field. **(30 Hrs / Semester / student)**

S. No.	Bridge courses/Technology	Duration (Week/hrs)	Modes of Learning	Recommended Sources
1.	**Prerequisite course:** Software Engineering	2 Weeks/ 3 Hrs	Self Learning/ Revision	http://www.tutorialspoint.com/software_engineering/
2	**Advanced course:** Advanced course: Project management for managers	08 Weeks/ 2 Hrs	Online NPTEL videos with Hands on Training in Laboratory	Web sources: 1. NPTEL-https://onlinecourses.nptel.ac.in Textbook reference: • Information Technology Project Management", Jack T. Marchewka, 3rd edition, Wiley India, 2009.

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1. **Mini /Minor Projects Objective:** To get hands on experience to executeprojects 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**

Minor project : As per University Scheme

Sr. No	Project Title/Group Size		Class		Type / Project Hours		Modes of Learning	Reference	
01	1. Agile methodologies in software project management Group Size- 3 Students Per Group		BE IT A		2-3		Minor	**Technology Based Learning** https://www.versionone.com/agile-101/agile-methodologies/	
No. of Prac.	Planned	Completed	No. of Assign.	Planned	Completed		No. of Tutorial	Planned	Completed
	Basic Exp: 03 **Design Base Exp**: 06 **Group Learning:** 02 **Bridge Course:** 02 **Minor Project:** 01			03				-----	-----
DOSLNE:			DOSLE (engaged in some other dates):						

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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.

Mrs. Neha Kapadia   **Dr. Rajesh Bansode**   **Dr. R. R. Sedamkar**
Name & Signature of Faculty   Signature of HOD   Signature of Principal/ Dean (Academics)

Date: Date: Date: