

 Zagdu Singh Charttable Thust's (Alagd.)
 A - Block, Thakur Educational Lampus,

 THAKUR COLLEGE OF
 Shyamnarayan Thakur Marg, Thakur Village,

 Kandivali (East), Mumbai - 400 101.
 The: 6730 8000 / 8100 / 8100

 (Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai*)
 Tel: 6730 8000 / 8100 / 8100

 (Accredited Programmes by National Board of Accreditation, New Delni**)
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 **Permaent Affiliated US Programmes: Computer Engineering - Electronics & Telecommunication Engineering - Information Technology (wc.f: Al.2015-16 onwards)

 **1t time Accredited UG Programmes: - Computer Engineering - Electronics & Telecommunication Engineering - Information Technology (section): Section (3 years w.ef.:01-07-2016)



Revision: B

TCET/FRM/IP-08/10

Semester Plan								
(Practical / Tutorials / Assignment)								
Semester:IIICourse: S.E.(IT)Batches:A1,A3								
Subject: Database Management System Class: S.E.(IT) ABatch Size: 20						20		
Laboratory faculty in charge: Mrs.Radhika Kotecha(205) Mrs. Pranjali Kasture(207)				Lab. Assistant /Attendant: Mr. Mahendra Mr. Anil Taware				
Sr.	Sr. TITLES No. Experiments / Tutorials / Assignment (Planning with use of Technology)			Planned Date	Completion Date	Remarks		
No.				A1 A3	A1 A3			
	Group of StudentsCase StudyGroup1-10National Hockey League41-5		of Case Study ts					
	11-20 21-30 31-40	University Management Car-insurance company Hospital Management	51-6 61-7 71-8	0 Project Col 0 Sports Tea 0 Teacher Gu	Project Company Sports Team Teacher Guardian System			
1.	Draw an ER diagram and EER diagram for above mentioned case study.			18/7/17 19/7/17				
2.	To study and perform basic DDL (Data Definition Language) commands like CREATE, ALTER, DROP for above mentioned case study.			26/7/17 27/7/17				
3.	To study and perform basic DML (Data Manipulation Language) commands like SELECT, INSERT, UPDATE, DELETE for above mentioned			2/8/17 3/8/17				
4.	To study and Implement basic Data Constrains like PRIMARY KEY, FOREIGN KEY, NOT NULL, UNIQUE, CHECK for above mentioned case study.			9/8/17 10/8/17				



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 The construction of the con



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5.	To study and Implement		
	A. Compound condition (and, or, in , not in,	16/8/17	
	between , not between , like , not like)	- · / - / · -	
	B. Aggregate functions (sum, count, max, min,	24/8/17	
	average)		
	For above mentioned case study.		
	To study and Implement		
C	A. Grouping commands (group by, order by)	30/8/17	
б.	B. Joins (cross join, inner join, outer join)	21/8/17	
	C. Various set operations	51/0/17	
	For above mentioned case study.		
	To study and Implement		
	A. various scalar functions and string functions		
_	(power, square, substring, reverse, upper,	6/9/17	
7.	lower, concatenation)	7/0/17	
	B. Views (Create , Alter and Drop)	//9/1/	
	C. Cursors (simple and parameterized)		
	For above mentioned case study.		
	To study and perform Trigger (Row and Column)	13/9/17	
8.	on Insert, Update and Delete for above		
	mentioned case study.	14/9/17	
	, To study and porform basic DCL (Data Control	20/0/17	
9.	Language) commands like CRANT REVOKE for	20/3/17	
	contraction of some study	21/9/17	
	above mentioned case study.		
10	To implement Program for construction of	4/10/17	
10.	index- B-Tree / B+-Tree	E/10/17	
		5/10/17	
Design	/ Development Experiments:		i
	Design Menu and Forms using Java as Front	12/10/17	
11	End. SQL server or MYSQL as Back End. Use	12/10/17	
11.	IDBC drives to connect both. Generate a	12/10/17	
	Reports for Above Mentioned case study.	, _ 0,	
			I
Group	oorning Activity		
Group	Leanning Activity.		
	Coop study or	T	I
	Case study on	7/10/17	
12.	A. Introduction to Data Mining	- 4	
	B. Introduction to Weka Tool for Data	7/10/17	
	Processing.		





nt Affiliated UG Programme: • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (w.e.f.: A.Y. 2015-16 onwards) Accredited UG Programmes: • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology • Accredited UG Programmes: • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology • Electronics Engineering (3 years w.e.f.:01-07-2016)

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.	Advanced Database Technology online course	8 Weeks / 4	Video Lectures	NPTEL website

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 Titl	e/Group Size	Class		Group Size/ Project Hours	Project Type	Modes of Learning	
1.	Inventory Control System. Hotel Management System Hospital Management System. Railway Reservation System. Personal Information System. Timetable Management System. Hotel Management System		SE IT A		3/4	Minor	Project Based Learning	
	Planned	Completed		Planned	Completed		Planned	Com plete d
No. of Practi cals.	Basic Exp: 10 Design Base Exp: 01 Group Learning: 01 Bridge Course: 01 Minor Project: 01		No. of Assig nmen ts	03		No. of Tutorial		
DOSLNE:			DOSLE (engaged in some other dates):					



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n - oruca, i nakur Educătional Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali (East), Mumbai - 400 101. Tel.: 6730 8000 / 8106 / 8107 Fax : 2846 1890 Email : tect@thakureducation.org Website : www.tectmumbai.in = www.thakureducation.org



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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.

-/Sd Mrs. Hetal Amrutia Name & Signature of Faculty Date: -/Sd **Dr. Rajesh Bansode** Signature of HOD Date: -/Sd **Dr. R. R. Sedamkar** Signature of Principal/ Dean (Academics) Date: