



 Zugdu \_Stoph Charttafile 'Trust's (eRogd.)
 A - Block, Thakur Educational Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali (East), Mumbai - 400 101.

 THAKURE COLL & TECHNOLOGY (Approved by AICTE, Govt. of Maharashtra & Afriliated to University of Mumbai\*)
 Tel.: 6730 8000 / 8100 / 8100 / Email: tect@thakureducation.org Website : www.tcetmumbai.in = www.thakureducation.org

 \*\*Permaent Affiliated UG Programmes: \* Computer Engineering \* Electronics & Telecommunication Engineering \* Information Technology wcf: AX:2015-16 onwards)

 \*\*1t time Accredited UG Programmes: \* Computer Engineering \* Electronics & Telecommunication Engineering \* Information Technology \* Electronics Engineering \* Information Technology \* Electronics & Telecommunication Engineering \* Information Technology \* Electronics & Telecommuni



5	Design and implement Java Program which organize information of TCET using interface and inheritance	4/08/17			
6	<ul> <li>A) Write a Java Program to calculate the Result Result should consist of name, seatno, date center number and marks of semester three exam. Create a User Defined Exception class MarksOutOfBoundsException, If Entered marks of any subject is greater than 100 or less than 0 and then program should create a user defined Exception of type MarksOutOfBoundsException and must have a provision to handle it.</li> <li>B) Write java program to create a user defined Exception class known as PayOutOfBoundsException. Organization does not offer basic salary less than 8000. If entered salary is less than 8000 then program should create an Exception. Program should calculate gross salary by considering salary parameters such as DA, HRA, CA, TA Professional tax, TDS, PF etc</li> </ul>	19/08/17			
7	<ul><li>A)Write a java program to print first 20 prime numbers and 15 Fibonacci numbers by creating two child threads and also print the total time taken by each thread for the execution.</li><li>B) Write java program to implement the concept of Thread Synchronization</li></ul>	04/09/17			
8	A)On Applet: Take a Login and Password from the user and display it on the third Text Field which appears only on clicking OK button and clear both the Text Fields on clicking RESET button Perform same using AWT and Swings as well.	18/09/17			
9	Write a program to create a window with four text fields for the name, street, city and pincode with suitable labels. Also windows contains a button MyInfo. When the user types the name his street, city and pincode and then clicks the button, the types details must appear in Aria Font with Size 32, Italics.	25/09/17			
Group Learning Activity:					
Issued	By: MR	Approved By: Principal			



Zagdu Singh Charitable Trust's (Regd.) THAKUR COLLEGE OF 

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 Kandivall (East), Mumbai - 400 101.

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 \*\*Permaent Affliated Us Programmes: - Computer Engineering - Electronics & Telecommunication Engineering - Information Technology (w.£1.5X.2015-16 onwards)

 \*\*11 time Accredited UB Programmes: - Computer Engineering - Electronics & Telecommunication Engineering - Information Technology w.£1.6X.2015-16 onwards)

 \*\*2nd time Accredited UB Programmes: - Computer Engineering - Electronics & Telecommunication Engineering - Information Technology w.£1.6X.2015-16 onwards)

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10	<b>Case Study on:</b> Case study on Socket Programming using Java (TCP&UDP)	25/09/17	
11	Case Study on: Case study on RMI (Remote Method Invocation)	16/10/17	
12	Mini Project: GUI for maintaining Telephone Directory.	16/10/17	

Bridge courses Objective: Bridging of gaps with respect to prerequisites and industry skills or to carryout research in that particular field. ( 24 Hrs / Semester / student)

S.No.	Bridge courses/Technology		Duration (Week/hrs)	Modes of Learning	Recommended Sources		
1.	<b>Prerequisite course:</b> Programming using C,C++		2 Weeks / 3 Hrs	Self Learning/ Revision	1. http://www.tuts wing.com/cplus plus-home		
2	<b>Advanced course:</b> Android Programming		12 Weeks / 2 Hrs	Self- Learning/ Revision	1. https://www.udaci ty.com/course/ne w-android- fundamentals ud851 2. https://www.simpl ilearn.com/mobile -and-software- development/and roid-app- development- training		
<ol> <li>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)</li> <li>The areas are :         <ol> <li>Research 2. Core</li> <li>Multidisciplinary</li> <li>Application</li> </ol> </li> </ol>							
Major project : As per University Scheme							
S.No	Project Title/Group Size	Class	Type / Project Hours	Modes of Learning	Reference		
1	Authentication and Access Control		Mini	Project based Learning			
Issued By: MR			Approved By: Principal				



## Zagdu Singh Charttable Thust's (Alagel.) A - Block, Thakur Educational Lampus, THAKUR COLLEGE OF Shyamnarayan Thakur Marg, Thakur Village, Kandivali (East), Mumbai - 400 101. The standard (East), Mumbai - 400 101. (Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai\*) Tel. 6730 8000 / 8100 / 8100 / 8100 (Accredited Programmes by National Board of Accreditation, New Delhi\*\*) Tel. 6730 8000 / 8100 /



2	XSS Detection in a Web Request and Response			SE	Mini	Project based Learning			
	Planned	Completed		Planned	Completed		Pla	nned	Completed
No. of Prac	Basic Exp: 03 Design Base Exp: 06 Group Learnin g: 02 Bridge Course: 02 Minor Project: 02		No. of Assign ments	03		No. of Tutorial	00		
DOSLNE: DOSLE (engaged in some other dates):									
U2       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, min 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       -/Sd         Name & Signature of Faculty       Signature of HOD       Signature of Principal / Dean Academic         Date:       Date:       Date:									
Issued	By: MR			A	pproved By: P	rincipal			