

PUNE INSTITUTE OF COMPUTER TECHNOLOGY

DHANKAWADI, PUNE -43

SCHEDULE OF LAB EXPERIMENTS

ACADEMIC YEAR: 2019- 2020

DEPARTMENT: COMPUTER ENGG

DATE: 15/06/2019

SUBJECT: Skill Development Lab (310246)

CLASS: T.E.

SEMESTER: I

Instructions: For this laboratory total five Skill Development Modules plus one Aptitude Development Modules are provided in syllabus: For this laboratory we have selected Module I.

SD Module-I: Advanced JAVA and Mobile Application Development

Term Work will be based on assignments be carried out by students and Oral Examination will be based on Mini-Project demonstration and related skill learned ONLY.

Operating System recommended: - 64-bit Open source Linux or its derivative

Programming tools recommended: - JAVA, Android Studio for Linux.

Mini Project: In addition to these, instructor may assign one real life application in the form of a mini-project based on the concepts learned. Team of 3 to 4 students may work on mini-project.

LAB Exp. No.	TOPIC OF ASSIGNMENT	START DATE	END DATE
1	Write Application to make use of collections and generics	15/06/2019	01/07/2019
2	Enhance the system with the help of socket programming use client server architecture to develop chat Server.	02/07/2019	8/07/2019
3	Develop an Application by using JDBC, Multithreading, concurrency, synchronous and asynchronous callbacks, ThreadPools using ExecutorService.	09/07/2019	22/07/2019
4	Transform the above system(assignment 2,3) from command line system to GUI based	23/07/2019	05/08/2019

	application		
5	Download Install and Configure Android Studio on Linux/windows platform.	06/08/2019	12/08/2019
6	Design a mobile app for media player to store data using internal or external storage.	13/8/2019	23/08/2019
7	Design a mobile app using Google Map and GPS to trace the location.	26/08/2019	30/08/2019
8	Mini Project	02/09/2019	04/10/2019



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