

PUNE INSTITUTE OF COMPUTER TECHNOLOGY  
DHANKAWADI, PUNE – 43.

**LIST OF LAB EXPERIMENTS**

ACADEMIC YEAR: 2019-2020

Date: 15/06/2019

**DEPARTMENT: COMPUTER ENGINEERING**

**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.

GROUP	LAB EXP. No.	TOPIC OF ASSIGNMENT
1	1	Write Application to make use of collections and generics
	2	Enhance the system with the help of socket programming use client server architecture to develop chat Server.
	3	Develop an Application by using JDBC, Multithreading, concurrency, synchronous and asynchronous callbacks, ThreadPools using ExecutorService.
	4	Transform the above system(assignment 2,3) from command line system to GUI based application
	5	Download Install and Configure Android Studio on Linux/windows platform.
	6	Design a mobile app for media player to store data using internal or external storage.
	7	Design a mobile app using Google Map and GPS to trace the location.
2	8	Mini Project

  
Ms. Snehal P. Shintre

Subject Coordinator

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