

UNIVERSITY OF MADRAS
B.Sc. DEGREE COURSE IN COMPUTER SCIENCE SYLLABUS
WITH EFFECT FROM 2020-2021

BCE-DSC17

CORE-XVII: PRACTICAL - VII
CASE TOOLS AND TESTING TOOLS LAB

III YEAR / VI SEM

OBJECTIVES:

- To get familiarized to the usage of UML tool kit.
- To understand the requirements of the software and to map them appropriately to subsequent phases of the software development
- To develop the ability to verify and validate their designs

OUTCOMES:

- Students must be able to analyze and design the problem at hand.
- Students should be able to use UML tools for the designing the software and test the correctness and soundness of their software through testing tools.

LIST OF EXERCISES:

1. Using UML tools produce analysis and design models for
 - a. Library Management System
 - b. Automatic Teller Machine
 - c. Student Information Management
 - d. Matrimony Service
 - e. Stock Management System
2. Study of Open source testing tools (eg. Selenium, WATIS, Apache JMeter, TestNG)
