

## **Lab Objective:**

The Software Engineering Lab has been developed to impart state-of-the-art knowledge on Software Engineering practical aspects and UML in an interactive manner. This course also provide scope to students where they can solve small, real life problems and present case studies, can further demonstrate practical applications of different concepts.

## **Course Outcomes**

At the end of the course, a student will be able to:

- 1.** To elicit, analyse and specify software requirements of given problem statement.
- 2.** Analyse and translate a specification in to a function oriented diagram.
- 3.** To perform user's view analysis and structural view analysis of system.
- 4.** To draw behavioural view of system.
- 5.** To build implementation and environmental view of system.
- 6.** Create the test cases in accordance with the testing plan and to verify and validate the implementation of the software specifications.