

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE-RAIGAD
Department of Computer Engineering**

B.Tech. Third Year A.Y.-2022-2023

Semester: - V (ODD) Subject: - Software Engineering Laboratory

Subject Code: - BTCOL506

Subject Co-ordinator: - Prof. Arvind Kiwelekar/ Ms. Shweta Tembe

Laboratory Name: - B2

List of Experiments:

1. To perform the system analysis: Requirement analysis, SRS. (Both Functional and Non-functional requirements. For a set of 10 sample problems, from a book on Software Engineering by Rajib Mall.)
2. To perform the function oriented diagram: DFD and Structured chart.
3. To perform the user's view analysis: Use case diagram.
4. To draw the structural view diagram: Class diagram, object diagram.
5. To draw the behavioral view diagram: Sequence diagram, Collaboration diagram.
6. To draw the behavioral view diagram: State-chart diagram, Activity diagram.
7. To draw the implementation view diagram: Component diagram.
8. To draw the environmental view diagram: Deployment diagram.
9. To perform various testing using the testing tool unit testing, integration testing