**Software Engineering Lab (PCS-510)**

**List of practicals**

1. Study the complete Software Development Life Cycle (SDLC) and analyze various activities conducted as a part of various phases.
2. To identify the problem related to software crisis for a given scenario.
3. To identify the suitable software development model for the given scenario.
4. To identify the various requirement development activities viz. elicitation, analysis, specification and verification for the given scenarios.
5. Classify the given Requirements into Functional or Non-functional Requirements.
6. Prepare a Software Requirement Specification (SRS)document for a system.
7. Draw a use case diagram of Bank Application Management.
8. Draw the class diagram for banking Application System.
9. Draw the sequence diagram for Bank Application System
10. Design the Test Cases for a sample Login Page.

**NOTE: Each student has to prepare a mini project on any a system.(All the details related to project will be shared shortly ).**