

II YEAR SEM-2 B.Tech CSE	LAB	L	T	P	C
CODE:CS2801	SOFTWARE ENGINEERING LAB	0	0	2	2

Software Engineering Laboratory

1. Install UML Tool and explore its menus and options.
2. Identify a problem for software project development and identify its development process Model.
3. Document SRS for the selected project.
4. Compute Function Point of the selected project.
5. Prepare DFD of the modules in the selected project
6. Complete Design part of the selected project.
7. Estimate Effort (Using COCOMO, and Halstead s/w science) of the selected project.
8. On completion of Coding, prepare test cases and perform black box testing, and record the defects and its time of identification.
9. Perform reliability estimation and prediction.
10. Do Vulnerability analysis of the selected project.

REFERENCES:

1. Software Engineering- K.K. Agarwal&Yogesh Singh, New Age International Publishers
2. Software Engineering, an Engineering approach- James F. Peters, WitoldPedrycz, John Wiely.
3. Systems Analysis and Design- ShelyCashmanRosenblatt,Thomson Publications.
4. Software Engineering principles and practice- Waman S Jawadekar, The McGraw-Hill Companies