Uka Tarsadia University

B. Tech.
Mini Project
(030080705)
7th Semester
EFFECTIVE FROM June-2014
A. Prerequisite: Domain knowledge, Software Engineering, programming skills.

B. Aim and Objective: To develop a mini-project so that a student gets exposure to all the phases of SDLC. To familiarize students with the basic skill set needed for developing software.

C. Subject Code: 030080705 Subject: Mini Project

D. Total: 60Hrs. [Lecture: 0 Tutorial: 0 Practical: 4]

E. Guidelines:

1. Students are expected to take up any real world application.

2. Students are expected to select project definition such that it covers all the phases of SDLC.

3. Project proposal will be reviewed and confirmed by the internal project guide and/or project coordinators.

4. Students can develop the application/project in any of the programming language(s) of their choice.

5. The implementation should involve all the phases of software development life-cycle i.e. problem formulation, analysis, design, implementation and testing phases.

6. Students are required to prepare Software Requirement Specification (SRS) document which is to be followed throughout the mini-project work.

7. At the end of mini-project work students must have fair idea about preparing SRS as per user’s inputs, analyzing SRS document, developing GUI forms, creating a database, establish database connectivity to read, write and update database entries, coding business logic, testing and integrating the modules and software testing.

8. During the project work students must learn to work in a team.

9. Students are required to prepare a project report at the end of the semester and make a presentation on the work done.

10. Evaluation of the mini-project work will be done as per continuous evaluation scheme.