Uka Tarsadia University
C. G. Patel Institute of Technology

B. Tech.

Semester - 8

030080801/030090801

Industrial Training

EFFECTIVE FROM July-2014

Syllabus version: 1.01

SEMESTER-8
Industrial Training
(030080801/030090801)

Credits: 25: Practical   **Contact Hours Per week: 50: Practical**

Objective of the Course:
The aim of the course is to provide complete industrial exposure to the students. The objective is to make sure that the students are familiar with the industrial work environment and the processes.

Student Learning Outcomes/Objectives:
At the closing stage of the course, the student will be able to develop software by following all the industry defined processes.

Instructional Methods and Pedagogy:
Faculty members shall work as a mentor to guide their project. They will explain method of developing software and students will develop the project as per the project's requirements by following the proper process and guidelines.

Course Guidelines:

1. List of companies is to be prepared by the internal project coordinator.
2. Students may opt for the company of their choice which is to be approved by the internal project coordinator.
3. Students will have to prepare a Project Proposal with the help of his/her selected external guide/project manager.
4. Project proposal is to be reviewed and approved by the internal project guide and/or project coordinator for the respective branch. Internal project guide and/or project coordinator must personally confirm the details of the proposal with the external guide/project manager. Once the proposal is confirmed, students may start working on the project.
5. Students are would required to prepare a Software Requirement Specification (SRS) document and follow the SRS document throughout their project work.
6. Project work will include identifying system, requirement gathering, requirement analysis, modules identification, implementation, testing and evaluation.
7. Students are required to report at the college once in 15 days span with the project status report.
8. Internal project guide/project coordinator may visit the company to review the reported work on the project.
9. Evaluation of the project work will be done as per continuous evaluation scheme.

10. There will be a Mid-Term Progress Review (Presentation and Demonstration) conducted by the department as a part of continuous evaluation.

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

12. Students are required to maintain their attendance record at the company in a specified format by the institute. Attendance record must be signed by the external guide.

13. All the documentation work and project status tracking is to be done in a specified format by the institute.