

Uka Tarsadia University



M.Sc. (C.A.)

Project (040020307)

3rd Semester

EFFECTIVE FROM JUNE-2012

Uka Tarsadia University

M.Sc. (Computer Application) (3rd Semester) Syllabus, June 2012

Prerequisites: Software engineering, Coding language, RDBMS, Fundamentals of Web based Application Development.

Aim and Objective: To gain rich experience in developing software project, prepare the students for analyzing and programming for industrial problem.

Paper No.: 040020307

Subject: Project

[Lecture: 00, Tutorial: 00, Practical: 06]

Guidelines:

- Project must be based on 040020302-Content Management Systems, 040020303-Software Testing and 040020304-Data Mining Models and Methods papers.
- The project definition should be finalized during the first two weeks of commencement of 1st semester.
- It is recommended that the team should be of 2-3 students.
- Project plan along with the division of work amongst teammates would have been prepared and got approved within a maximum of 5 days of the start of the project.
- Coding standards should be followed meticulously. At the minimum, the code should be self documented, modular, and should use the meaningful naming convention.
- The documentation should include a chapter on "Learning during Project Work", i.e. "Experience of Journey during Project Duration".
- Data Dictionary and full code are mandatory. Student may be asked to write the code related to the project during examination.
- Student can do internal college project or user define project or industrial project (provided that project guidelines are not violated) with permission of project guide.
- Live demonstration of project is mandatory for internal and external evaluation.
- Testing of developed project must be done using some testing tool.
- Deployment, backup, recovery functionalities are recommended.
- There will be continues internal and external evaluation.
- Continues internal evaluation will be done on the basis of weekly reporting, SRS presentation and internal project presentation.