GUJARAT TECHNOLOGICAL UNIVERSITY
Syllabus for Integrated MSc, 6th Semester
Branch: Information Technology
Subject Name: Project
Subject Code: 1360505

Teaching and Examination Scheme

Teaching Scheme			Credits	Examination Marks				Total Marks
				Theory Marks		Practical Marks		
L	T	P	C	ESE(E)	PA (M)	PA (I)	ESE(V)	
0	0	12	6	0	0	50	100	150

Content:

In this subject-head, students have to do Information system development work and/or design work or software development work in parent institute to gain project experience.

The students will be assigned one or more system development projects. It will be an internal project. The students have to start work on project from the first day of the VI semester of 3rd year.
Students may work in team (comprising not more than three) or individually to acquire hands-on skills in system development.

Following could be the possible alternatives for the in-house projects.

1. Development of a system for IT / Computer company or institutional or government department.
2. Development of Hypothetical Application.
3. Analysis of work (Analytical or descriptive) Information project / system including cyber laws, standard, which may not include source coding.
4. Network designing and deployment. (May include less source coding as per nature of work)
5. Developing and / or designing a website or web scripting.

Project work should include all of the phases of system development life cycle. Like

- Analysis of a system
- Designing, Source Coding
- Documentation
- Implementation &
- Updating in system (if any)

The system development project evaluation divided into
(1) Internal marks 50 and
(2) Final Viva / Presentation Examination marks 100.

1) During the project work, Institute will conduct presentations of progress of project at different stages. There will be 30 internal marks for progress reports. At least three progress reports need to be conducted by the institute.

2) After the completion of the system development project work, Institute has to provide confirmation of work done (certificate of work completion) and internal marks out of 20

3) After the completion of a system development project, the University has to arrange Viva/Presentation examination, which will be of 100 marks. The examination Panel should include Academic / Industry Experts. The experts will decide student's marks out of 100 as per his performance. Panel should contain experts as per University norms.

Course Outcome:

Sr. No.	CO statement
CO-1	Undertake problem identification, formulation and solution
CO-2	Solutions to complex problems utilizing a systematic approach and team work
CO-3	Communicate with engineers and the community at large in written and oral forms
CO-4	Demonstrate the knowledge and understanding of Technology and management principle and apply it to assigned project