



C. U. SHAH UNIVERSITY - Wadhwan City

FACULTY OF TECHNOLOGY AND ENGINEERING DEPARTMENT OF COMPUTER ENGINEERING B.TECH. SEMESTER: - VII

Subject Name: – Project Development - I
Subject Code: - 4TE07PRD1

Teaching & Evaluation Scheme:-

| Subject Code | Subject Name | Teaching Scheme (Hours) | | | | Credits | Evaluation Scheme | | | | | | | |
|--------------|-------------------------|-------------------------|----|----|-------|---------|-------------------|-------|-----------------|-------|-------------------|----|------------|-------|
| | | Th | Tu | Pr | Total | | Theory | | | | Practical (Marks) | | | Total |
| | | | | | | | Sessional Exam | | University Exam | | Internal | | University | |
| | | | | | | | Marks | Hours | Marks | Hours | Pr/Viva | TW | Pr | |
| 4TE07PRD1 | Project Development - I | 0 | 0 | 4 | 4 | 2 | - | - | - | - | - | 50 | 50 | 100 |

Guidelines for Project Development - I

While undergoing project development, it is essential that students become proficient on various project development phases (i.e. analysis, designing, coding and testing), computer assisted literature search, patent search, experimental and computational techniques, systematic recording of data, writing of project report/thesis and presentation before a scholastic audience. Needless to say, original scientific concept and their effective exploration shall get due credit in evaluation of the projects. A student is required to carry out project work related to Computer Engineering/Information Technology under the supervision / guidance of faculty member. Undergraduate projects also constitute important components of the R&D programs of the departments. Students may carry out the new innovative research ideas and implement it.

The project may be based on any of the following suggested list:

- Desktop Applications,
- Web Applications,
- Hardware Interfacing,

- Independent or Web Service based Mobile Application
- Experimental / Simulation Based Experiments
- Network Applications
- Interdisciplinary Software Application etc.

The student can undertake project single handed or in a group of not more than two students. Normally, project evaluation shall be based on 3 components– (a) evaluation by supervisor /guide based on day to day work done by the student, (b) evaluation by departmental committee based on project presentation/demonstration by students (c) evaluation by external panel based on project work presented by student which will strive to ensure that students have demonstrated effective use of resources such as, computer aided literature search, patent search, use of advanced tools and technologies, industrially relevant R&D problems. Preliminary literature review, objective, methodology and scope of project work undertaken will be submitted in form of report for the partial fulfillment of the degree of engineering.