



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India
(Autonomous Institute Affiliated to University of Mumbai)

| Course Code | Course Name | Teaching Scheme (Hrs/week) | | | Credits Assigned | | | |
|-------------|-------------------|----------------------------|----|-----------|------------------|------|---|-------|
| | | L | T | P | L | T | P | Total |
| EXC706 | Project (Stage I) | -- | -- | 4 | -- | -- | 2 | 2 |
| | | Examination Scheme | | | | | | |
| | | Term Work | | Practical | | Oral | | Total |
| | | Phase-I:20 Phase-II:30 | | -- | | 50 | | 100 |

Term Work:

The final year students have already undergone project assignment in their pre-final year in Mini Project I and II. In final year group of maximum **four** students will be completing a comprehensive project work based on the courses studied. The project work may be internally assigned or may be externally assigned by the research institutes, industry etc. Each group will be assigned one faculty as a supervisor. This project work in final year may be extension of the Mini Project work done in pre-final year.

The main intention of Project work is to enable students to apply the knowledge and skills learned out of courses studied to solve/implement predefined practical problem. The Project work may be beyond the scope of curriculum of courses taken or may be based on the courses but thrust should be

- ☐ Learning additional skills
- ☐ Development of ability to define, design, analysis and implementation of the problem and lead to its accomplishment with proper planning
- ☐ Learn the behavioral science by working in a group
- ☐ The project area may be selected in which the student intend to do further education and/or may be either intend to have employment or self-employment
- ☐ The topic of project should be different and / or may be advancement in the same topic of Mini Project
- ☐ The students may use this opportunity to learn different computational techniques as well as some model development. This they can achieve by making proper selection of Project work.

The college should keep proper assessment record of the progress of project and at the end of the semester it should be assessed for awarding TW marks. The TW should be examined by approved internal faculty appointed by the head of the institute on the basis of following:

- ☐ Scope and objective of the project work.
- ☐ Extensive Literature survey.
- ☐ Progress of the work (Continuous assessment)
- ☐ Report in prescribed University format.

An approved external examiner and internal examiner appointed by the head of the institute together will assess during oral examination. The oral examination is a presentation by the group members on the project along with demonstration of the work done. In the examination each individual student should be assessed for his/her contribution, understanding and knowledge gained.