

| 5520 - PROFESSIONAL PRACTICE. | | | | | | | | | | |
|-------------------------------|-----------|--------|------------------------|----|------------------------------|------|---------------|-------|-----|----------|
| Teaching Schedule Per Week | | | Progressive Assessment | | Examination Schedule (Marks) | | | | | |
| Lectures | Practical | Credit | | | Theory | | Practical Ex. | Total | | |
| 4 | - | 4 | 25 | 25 | 3 Hrs | 100 | - | | 150 | |
| Pre-requisite | | Source | Semester | | Theory | Test | Total | TW | PR | Gr Total |
| 4527, 4528 | | ARC | | | 75 | 25 | 100 | - | - | 100 |

RATIONALE: The aim of this subject is to make the students aware of how a project is professionally handled from the time of its conception to its final execution and the role played by various individuals, organisations etc, throughout this time. This should help them to assist the Architect in a better way.

| COURSE CONTENTS | | Hrs | Mks |
|--|--|-----|-----|
| 1. SCOPE OF WORKS BETWEEN: | | 16 | 24 |
| 1. Client and Architect : Introduction to Projects of designing and valuation, Introduction to building types like residential, factories etc., Scope of works & duties, Architectural competitions. | | 16 | 28 |
| 2 SCOPE OF WORKS BETWEEN: | | | |
| 1 Architects and authorities: Various approval authorities. and the respective approvals required | | | |
| 2 Bylaws and Regulations: Special Areas with special Regulations | | 16 | 24 |
| 3. SCOPE OF WORKS BETWEEN: | | | |
| Architect and contractor Tenders and contracts Arbitration Various stages of Project execution | | 16 | 24 |
| 4. SCOPE OF WORKS BETWEEN | | | |
| 1 Architect and Assistants: Objectives and principles of management – attributes of an ideal manager, Office Structure and responsibility, Various stages office works on a project, Leadership – motivation and communication, Scheduling and monitoring of construction project with, Introduction of CPM, PERT. Preparations of site layout indicating details of materials labour equipment amenities and site structures. | | | |
| 6. SUPERVISION AND QUALITY CONTROL. | | 64 | 100 |
| Total | | | |

TERM WORK: -

Preparing a project report on at least one type of Building of Sr. No. 1
Working on at least two types of buildings for understanding the Byelaws and Regulations applicable in different zones.
Project Report of execution procedure and stages of any one type of Building.
Project Report of office structure of any two types of organizations.
Working on specifications of at least one building type.

NOTE: -

1) Site visits may be made to various organisations, and project execution sites to make the students aware of the practical nature of the subject.

METHOD OF TEACHING:

Site visits shall be conducted to a private office to understand the functioning and also to various Government authorities dealing with the approvals of architectural works to understand the procedures.

REFERENCE BOOKS:-

- 1) Professional Practice Roshan Nanavati
- 2) Handbooks of byelaws and regulations of various organisations.