

MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY

FRM-001/00QSP-004

TENTATIVE TEACHING PLAN


Dec.01.2001

Department: **Civil Engineering**Name of Teacher: **Prof. Dr. Tauha Hussain Ali**Subject: **Project Management (CE355)** Batch: **21CE (B +D)** Year: **3rd** Semester: **5th**Semester Starting Date: **20-11-2023**Semester Suspension Date: **29-03-2024**


Course Learning Outcomes (CLOs): Upon successful completion of the course, the students will be able to:

| CLO | Description | Taxonomy Level | PLO |
|-----|---|----------------|-----|
| 1 | DESCRIBE primary theoretical knowledge of Project Management in the field of Engineering and construction industry. | C2 | 11 |
| 2 | DISCUSS essential theoretical knowledge of complete project life cycle of construction projects and their related issues. | C3 | 11 |

| Sr. No. | Description of Topic | CLO | No. of Lecture(s) |
|---------|--|-----|-------------------|
| 01 | Introduction and overview of the subject | 1 | 1 |
| 02 | Management, functions of Management | 1 | 1 |
| 03 | Objectives of Management, Levels of Management | 1 | 1 |
| 04 | Project Management, Engineering Management and Construction Management | 1 | 1 |
| 05 | Project Roles, Responsibilities & Skills of Project Manager | 1 | 1 |
| 06 | Identification of Project | 2 | 1 |
| 07 | Project design, project development and project documentation | 2 | 3 |
| 08 | Identification of project stakeholders | 1 | 1 |
| 09 | Project Life cycle | 2 | 2 |
| 10 | SWOT analysis, PEST analysis and PESTLE analysis | 1 | 3 |
| 11 | Feasibility studies of the Project | 2 | 1 |
| 12 | Procurement process, contractual relationship & contract types | 2 | 3 |
| 13 | Preparation and approval procedure of PC-1, PC-II, PC-III & PC-IV | 2 | 2 |
| 14 | Introduction to Value Engineering & Lifecycle costing | 2 | 2 |
| 15 | Human resource management | 1 | 1 |
| 16 | Quality management | 1 | 2 |
| 17 | Health, Safety and Environment | 1 | 1 |
| 18 | Claims, Cost Escalation, Arbitration, Litigation & Risk Analysis | 2 | 2 |
| 19 | Building Information Modelling | 2 | 2 |
| 20 | Entrepreneurship and its types | 1 | 1 |
| | Total Hours | | 32 |

Signature of Teacher: 

Dated: 12/12/2023

Remarks by DMRC: **APPROVED**Signature of Chairman: 

Dated: 21/12/2023