

(043-CMC-07-03) QUANTITY SURVEYING AND CONTRACTS MANAGEMENT

Significance of the Program

Quantity Surveying and Contract Management are the most important tasks of construction industry apart from planning and execution. The role of "Quantity Surveyor" as a specialist has a lot of importance in the construction industry. The programme aims to make the students capable of visualizing projects, measuring and estimating project costs, analysing risks, and developing bidding proposals for projects. The programme also focuses on developing their managerial skills in cost planning and management, and contract management of projects.

Career Options

- Quantity Surveyors
- Billing Engineers
- Contract Administrators
- Consulting for Construction projects

Program Objectives

- To estimate the quantities of work, develop the bill of quantities and arrive at the Cost of civil engineering Project.
- Apply the concept of Valuation for Properties
- Apply and Create the Tender and Contract document.

Outcomes of the Program

- To develop mature site engineers and quantity surveyors with Construction Companies, Consultants and Government Departments.
- To enhance the knowledge and competent skills of students required for professional excellence in the field of quantity surveying and contracts management
- To develop the managerial skills in cost planning and management, and contract management of projects

Major Course Outline

1. Quantity Estimation for Buildings
2. Quantity Estimation for Roads
3. Specification for Civil Engineering Works

4. Contract Management -Tender and its Process
5. Contract Management-Post award
6. Estimation Software