



Building Estimation and Costing

Duration: 15 Days

Chapter 1: Introduction to Building Estimation and Costing

- Construction Cost Estimating and Cost Control Overview
- Understanding Design in the Construction Industry
- Types of Estimates
- Data required for preparing the Estimate
- Tools used in the industry for Estimation and Costing
- Advantages of Estimates

Chapter 2: Building Quantities

- Introduction of excavation through CAD & EXCEL
- Quantity of P.C.C.
- Quantity of Brick Work in Foundation
- Quantity In Concrete in Column Necks
- Quantity of Concrete in Beam on Foundation
- Brick quantity in Superstructure
- Concrete in Slab
- Quantity of Concrete in Stair & Brick work in parapet and mumty
- How to prepare Bar Bending Schedule Sheet in Excel?
- Quantity of Steel in Column Necks
- Quantity of Steel in Foundation
- Quantity of Steel in Slab
- External & Internal Plaster
- Quantity of Tiles, Marble & Skirting
- Quantity of Skirting
- Quantity of Paint
- Prepare Material Statement

Chapter 3: Rate Analysis

- Introduction to Rate Analysis
- Rate analysis for Excavation
- Rate analysis for PCC
- Rate analysis for Reinforced Cement Concrete (R.C.C)
- Rate Analysis for Brick Work
- Rate Analysis For Plaster Work
- Rate analysis for Tiles & Paint

Chapter 4: Bill of Quantity

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