

**ZENUS INFOTECH INDIA PVT. LTD.**  
**CURRICULUM OF BUILDING ESTIMATE & COSTING**

Course Duration: 6/8 Weeks\*

Reading of Architectural Plan and obtaining measurements.

Introduction to Measurement sheet and Abstract sheets for the estimate and for the bill

Introduction to taking measurements for different works in a building such as Excavation, PCC, RCC, Brickwork, Plastering, Flooring, Door / Windows

Introduction to Indian code of practice IS 1200 for measurements in concrete, brickwork, plastering, painting etc.

Introduction to deductions for windows, ventilators and openings as per IS 1200

Introduction to State schedule of rates [ SSR 20-21]

Learning Method for detailed estimates using the Drawings and SSR

Learning to tabulate the estimate on MS Excel sheets.

Learning the basic template for running bills.

Learning the importance of joint measurements for recording hidden items such as reinforcement, excavation, murrum filling, laps, chairs, extra bars, insert plates.

Mensuration: Measurements, Conversions, Formulae, Shapes :

Measuring units in:

British & Metric systems

Conversions from British to Metric & vice versa.

Concept of Brass and How to practically use the concept of Brass at the site.

Numerical on Measurements of trucks, dumpers to find out the volume in brass.

Learning how to calculate:

Areas of Rectangle, triangle, circle, trapezium

Volumes of Cube, Pyramid, Trapezoid, Cylinder

Find the material constants for cement, sand, aggregates.

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