

LESSON PLAN

Name of Faculty : Sunita
Branch : ARCHITECTURAL ASSISTANTSHIP
Year : 5th
Subject : **Quantity Surveying and Costing**
Lesson Plan Duration : 17 WEEKS
Load Per Week : 04

THEORY	
Week	Topic
1	UNIT-1 Introduction to Quantity surveying and costing: Definitions & Importance of Quantity Surveying, Duties of quantity surveying
2	Types of estimates, Preliminary estimates 1.Plinth area estimate 2.Cubic rate estimate 3.Estimate per unit base, Detailed estimates :Stages of preparation – details of measurement and calculation of quantities and abstract.
3	UNIT-2 Measurement & Preparation of Detailed Estimate from Drawings: Units of measurement for various items of work as per BIS: 1200, Rules for measurements
4	Different methods of taking out quantities- center line method and short wall and long wall method, Numerical problem.
5	Bill of quantities (BOQ) Preparation for a small residential building with a flat roof, Numerical problem and test.
6	UNIT-3 Measurement Book and Billing: Entries in measurement book, standard measurement book checking of measurement. Preparation of bill, first and final bill, running account bill.
7	SESSIONAL TEST-I
8	Advance payment, secured advance payment, refund of security money. `Practice test.
9	UNIT-4 Contracts: Meaning & essentials of a contract.
10	Types of contracts, their advantages, disadvantages and suitability, system of payment. Practice test.
11	SESSIONAL TEST -II
12	UNIT-5 Tender Documents & its Terminologies: Tender ,tender forms and documents, detailed notice inviting tender
13	Submission of tender and deposit of earnest money, Submission of security deposit, retention money, maintenance period etc.
14	Single and two cover-bids. Practice test.
15	Practice test for complete syllabus
16	SESSIONAL TEST-III
17	Problem solving class