



SYLLABUS

II SEM

CIVIL ENGINEERING

Course Title	Construction Contracts & Specification	
Course Code	CV204	
Course Credit	Lecture	: 03
	Practical	: 00
	Tutorial	: 02
	Total	: 04
Detailed Syllabus		
SECTION –I		
Sr. No.	Name of chapter & Details	Hours Allotted
1.	UNIT -1	10
	1. Project cost estimation (a) Approximate Estimate and administrative approval and expenditure sanction. 2. Project cost estimation (b) Detailed Estimate. 3. Rate analysis (a) standard methods as followed by government organizations for tendering purposes. 4. Rate analysis (b) as followed by contractor organizations for bidding Purposes.	
2.	UNIT -2	12
	Owner's and contractor's estimate, Overhead charges - Internationally adopted formulae, Pre-qualification of bidders, Definition of Contract Legal issues in contract – Indian contract Act. Types of contracts, Documents forming a contract.	
SECTION –II		
3.	UNIT -3	8
	Tendering and contractual procedures - Technical sanction, Notice inviting tender. Multiple bids, Evaluation of bids, Pre-requisites in an agreement, various types of bonds, etc.	
4.	UNIT -4	8
	General conditions of Indian (domestic) contracts: Their background and administration. General conditions of International contracts (FIDIC, etc.): How different from Indian (domestic) contracts.	

5.	UNIT -5	4
	Claims and disputes, Dispute resolution techniques, Negotiation.	
	TOTAL HOURS	42
Term Work : Term work shall be based on the above mentioned course content.		
Reference Books:		
1. Contract Management & Dispute Resolutions , S. Ranaga Rao, Engineering staff College of India		