

Legal Aspects of Construction Projects
01CP0201
Objective of the Course:

- To make students aware regarding legal aspects in construction.
- To provide knowledge regarding various standard practices in contracting process.
- Interpret various acts in construction projects.
- To expose students to dispute resolution techniques during Contracting process.

Credit Earned: 3
Students learning outcomes:

After successful completion of the course, it is expected that student will be able to,

1. Understand the fundamental concepts of Indian Contract Act and provisions.
2. Interpret the laws and legal aspects involved in construction projects.
3. Implement Contract administration and Labour Laws in construction.
4. Analyze the International provisions and acts to ensure its application in the construction projects.

Teaching and Examination Scheme

Teaching Scheme (Hours)			Credits	Theory Marks			Tutorial/ Practical Marks		Total Marks
Theory	Tutorial	Practical		ESE (E)	IA (M)	CSE (I)	Viva (V)	Term Work (TW)	
03	00	00	03	50	30	20	25	25	150

Detailed Syllabus

Sr No.	Title of the unit	Number of hours
1	Introduction	08
	Introduction to Indian Legal System and Indian Laws related to Construction activities. Indian Contract Act, Law of tort.	
2	Construction Contracts	08
	Introduction to Bidding process, types of tenders, tender documents, contractual documents and process. Contract types and critical comparison, study of contract documents of State PWD and CPWD, Contract Conditions. Evaluation of contract documents, need for documents, present stage of national and international contract documents	

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3	Contract administration	04
	Contract administration, Record keeping in contract administration, establishment of standard procedures, coordination between various agencies involved, providing data for interpretation of contract clauses.	
4	Contracting Acts and Legal Aspects	08
	Industrial Disputes Act, Workmen's Compensation Act , Employer's Liability Act, Payment of wages Act, Contract Labour Act, Minimum Wages Act, Inter-state Migrant workmen act, BOCW Act and other acts introduced from time to time.	
5	International Contracts and conditions	06
	Introduction to FIDIC contracts, Types of contracts, Conditions of contracts, Characteristics of FIDIC Contracts.	
6	Dispute resolution mechanism	08
	Arbitration process, Roles, Powers and functions of Arbitrator, Appointment of Arbitrator. Causes and resolution of disputes, Settlements of claims and extra items.	
	Total	42

Suggested Theory Distribution

The suggested theory distribution as per Bloom's taxonomy is as per follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember	Understand	Apply	Analyze	Evaluate	Create
15%	15%	20%	20%	20%	10%

Instructional Method and Pedagogy:

1. Use of Learning Management system like canvas
2. Demonstration through presentations on power point and videos and lectures
3. Brainstorming and group discussion sessions
4. Collaborative learning

Recommended Study Material
Text Books:

1. Construction Contracting, Clough Richarch , John Wiley & Sons, New York, 1986.
2. Construction Contract Management , Prakash V.A., NICMAR, BOMBAY

Reference Books:

1. Bajirao Shankarrao Patil (1986); "Legal Aspects of Building & Engineering Contracts" S.B. Patil. 471p. 2.

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2. G. T. Gajria, Kishore Gajria (2000); “Law Relating To Building & Engineering Contracts In India”, Lexisnexis Butterworths India. ISBN 13: 9788187162162. 538p.
3. P. C. Markanda, Naresh Markanda (2013); “Law Related To Arbitration and Conciliation” Lexisnexis Butterworths India. ISBN 13: 9788180388132. 1570p.
4. Edward R. Fisk, Wayne D. Reynolds (2013); “Construction Project Administration” Pearson Education. ISBN 13: 9780133149258. 432p.
5. Indian Contract Act 1872
6. Arbitration Conciliation Act 1996.4. All Referred Bare Acts
7. CPWD Manual Volume I & II, A Handbook For Government Officials And Contractors