



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

Subject Code: 3721418

Construction Law & Contract Administration

2nd SEMESTER

Type of Course: Elective

Prerequisite: NIL

Rationale: Students should be able:

- To understand the laws applicable to construction projects
- To understand forms of contracts and contract conditions
- To understand methodology of arbitration and conciliation

Teaching and Examination Scheme

Teaching Scheme			Credits	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
			ESE	PA(M)	Viva	PA (I)		
3	0	2	4	70	30	30	20	150

Course Contents

Sr.No.	Topics	Hrs.
1	Introduction to Law Introduction to law, Laws governing structure & Working of Construction Firms, definition of the contract as per the ACT, Valid, Voidable, Void contracts, objectives of the act, clauses 1 to 75 of act, workmen's compensation act on construction projects	09
2	Contract Conditions Clarification by parties to contract, obligations and responsibilities of the parties, protection and indemnification, bonds and insurance, subsurface conditions, Negotiation, inspection of work, change of work, rejected work and deficiencies, FIDIC conditions.	09
3	Contract Administration Management: Contractual procedures - Technical sanction, Notice inviting tender, Multiple bids, Evaluation of bids, Pre-requisites in an agreement, various types of bonds, Proper record keeping in contract administering, Duties and responsibilities of parties, coordination between various agencies involved, providing data for interpretation of contract clauses, important site documents, Special aspects of contract management,	09
4	Arbitration & Conciliation Indian Arbitration and Conciliation Act 1996 Causes and resolution of disputes, settlement for claims and extra items, arbitration. Comparison Laws-Agreements, Appointment of Arbitrators, Conditions of Arbitrations, Powers and duties of Arbitrator, Enforcement of Award-costs. Conciliation and its provisions in the Act, Conduct of conciliation and arbitral proceeding, grounds for challenge, procedure of appeal against the awards.	09



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	Total	36
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Reference Book(s)

- Explanation of Indian Contract Act by Mulla and Sanjeeva Rao, B.D. Virmani, B.T.Gajaria.
- Handbook of Contracts by Hudson.
- Construction Contracting by Clough Richarch, John Wiley & Sons, New York, 1986.
- Construction Contract Management by Prakash V.A., NICMAR, Bombay
- Estimating and Costing in Civil Engineering Theory and Practice by B.N.Dutta, UBS publishers, distributor's private limited.
- Laws Relating to Building and Engineering Contracts in India by Gajaria G.T., M.M.Tripathi Private Ltd., Bombay, 1982.
- Construction Contracts by Jimmie Hinze, McGraw Hill.
- Contracts and the Legal Environment for Engineers and Architects by Joseph T. Bockrath, McGraw Hill, 2000.
- The Indian Contract Act (9 of 1872), 1872- Bare act – Professional Book Publishers.
- The arbitration and conciliation Act, (1996), (26 of 1996), Profesional Book Publishers.
- FIDIC Document (1999)
- Dispute resolution board foundation manual – www.drpf.org

Course Outcome

Sr. No.	CO statement	Marks % weightage
CO-1	Students may comprehend legal issues related to contracts including Contract Act,	25%
CO-2	Student may be able to prepare contractual conditions	30%
CO-3	Student may be able to oversee for successful execution and dispute resolution.	25%
CO-4	Students should be able to comprehend Arbitration and Conciliation Act.	20%

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
10	25	20	20	15	10

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create and above

List of Open Source Software/learning website: www.nptel.ac.in/courses/