

1154CE103 (VTUR15)	CONSTRUCTION CONTRACTS	L	T	P	C
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COURSE CATEGORY: Institute Elective

A. PREAMBLE:

Students should be conversant with contract procedures, legal requirements and labour regulations.

B. PRE-REQUISITE:

Nil

C. LINKS TO OTHER COURSES:

- Safety in Construction

D. COURSE EDUCATIONAL OBJECTIVE:

Students undergoing this course are expected to:

- To study the various types of construction contracts and their legal aspects and provisions.
- To study contract laws and regulations so that adequate knowledge on formulating and managing construction contracts is gained.
- To know about tendering and legal requirements

E. COURSE OUTCOMES:

Upon the successful completion of the course, learners will be able to

CO	COURSE OUTCOMES	Level of learning domain (Based on revised Bloom's)
CO1	Classify the construction contracts.	K2
CO2	Contrast the basics of tenders in project acquisition.	K2
CO3	Infer the significances of arbitration.	K2
CO4	Explain the legal requirements for construction projects.	K2
CO5	Summarize the important aspects of labour regulations.	K2

CORRELATION OF COURSE OUTCOMES WITH PROGRAMME OUTCOMES:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1						M						
CO2						M						
CO3						M						
CO4						M						
CO5						M						

H- High; M-Medium; L-Low

F. COURSE CONTENT**UNIT I CONSTRUCTION CONTRACTS 9**

Indian Contracts Act – Elements of Contracts – Types of Contracts – Features – Suitability – Design of Contract Documents – International Contract Document – Standard Contract Document – Law of Torts.

UNIT II TENDERS 9

Prequalification – Bidding – Accepting – Evaluation of Tender from Technical, Contractual and Commercial Points of View – Contract Formation and Interpretation – Potential Contractual Problems – World Bank Procedures and Guidelines – Tamil Nadu Transparency in Tenders Act.

UNIT III ARBITRATION 9

Comparison of Actions and Laws – Agreements – Subject Matter – Violations – Appointment of Arbitrators – Conditions of Arbitration – Powers and Duties of Arbitrator – Rules of Evidence – Enforcement of Award – Costs.

UNIT IV LEGAL REQUIREMENTS 9

Insurance and Bonding – Laws Governing Sale, Purchase and Use of Urban and Rural Land – Land Revenue Codes – Tax Laws – Income Tax, Sales Tax, Excise and Custom Duties and their Influence on Construction Costs – Legal Requirements for Planning – Property Law – Agency Law – Local Government Laws for Approval – Statutory Regulations.

Social Security – Welfare Legislation – Laws relating to Wages, Bonus and Industrial Disputes, Labour Administration – Insurance and Safety Regulations – Workmen’s Compensation Act – Indian Factory Act – Tamil Nadu Factory Act – Child Labour Act - Other Labour Laws.

TOTAL: 45 PERIODS

G. LEARNING RESOURCES:**a) TEXT BOOKS:**

1. Kwaku, A., Tenah, P.E. Jose M.Guevara, P.E., Fundamentals of Construction Management and Organisation, Printice Hall, 1985.M.M.Tripathi Private Ltd., Bombay, 1982.
2. Patil. B.S, Civil Engineering Contracts and Estimates, Universities Press (India) Private Limited, 2006.

b) REFERENCES

1. Gajaria G.T., Laws Relating to Building and Engineering Contracts in India, 2000.
2. Jimmie Hinze, Construction Contracts, McGraw Hill, 3rd edition, 2013.
3. Joseph T. Bockrath, Contracts and the Legal Environment for Engineers and Architects, McGraw Hill, 7th edition 2010.