
CONTRACTS AND ARBITRATION**Course Code: 13CE2102****L P C**
4 0 3**Course Educational Objective:**

1. To impart the knowledge of construction specifications and contract laws.
2. To familiarize the student with arbitration and dispute resolution

Course Outcome:

Student will demonstrate the ability to understand the specifications of a given construction project.

1. To impart the knowledge of specifications in construction.
2. To impart the students, with the knowledge of contracts and its management.
3. To impart the students, with the knowledge of laws of contracts.
4. To impart the students, with the knowledge of laws related to construction industry.

UNIT-I**CONSTRUCTION SPECIFICATIONS**

Standard specifications, development and interpretation.

UNIT- II**CONTRACTS AND MANAGEMENT OF CONTRACTS**

Types of engineering contracts, procurement philosophy - Definition and essentials of a contract - Clauses for contracts – Types of engineering contracts and its formulation -Preparation of tender documents – Issues related to tendering process –Awarding contract.

UNIT- III**CONTRACT LAWS**

Provisions of contract law, Indian Contract Act 1872 – Breach of contract. Contracts for projects under International AID. Performance of Contracts- Time of performance - Discharge of a contract – Classification of contracts – Extras and variations in engineering contracts.

UNIT- IV**LAWS RELATED TO CONSTRUCTION INDUSTRY**

Labour and Industrial laws – Payment of Wages Act, Contract labour Workmen’s Compensation act – Insurance, Industrial dispute act.

UNIT- V**ALTERNATIVE AND DISPUTE RESOLUTION**

Arbitration of engineering contracts: Indian Arbitration Act 1940 – Issues in arbitration process – Institutional arbitration

Alternate dispute resolution and arbitration: The arbitration and reconciliation ordinance 1996 – Law on contracts 1994

TEXT BOOKS

1. “*Codes of Practice and Standard Specifications*” of AP PWD, CP WD, MES etc.,
2. B.J. Vasavada, “*Engineering Contracts and Arbitration*”, 2nd Edition, Jubilee Publications, 1996.
3. G.T. Gajaria “*Laws relating to Building and Engineer’s Contracts*” 1st Edition, M.M. Tripathi Private Limited, Mumbai, 1985.

REFERENCES

1. Roshan Namavat “*Professional Practice*”, 5th Edition, Published by Anupbhai Publications, Mumbai, 1996.
2. M.O’c Horgon and F.R. Roulstion “*Project Control of Engineering contracts E and FN, SPON, NY*, 2nd Edition, 1988.
3. K. Collex, “*Managing Construction Contracts*”, 5th Edition, Reston Publishing Company, Virginia, 1982.
4. W.B. Park “*Construction Bidding for Projects*”, 1st Edition, John Wiley, Ny, 1978.
5. "Latest Amendments to latest versions of Building Bye-Laws and Engineering Contract Laws".