

NIRMA UNIVERSITY

Institute:	School of Engineering, Institute of Technology
Name of Programme:	M. Tech. in Civil Engineering (Construction Technology and Management)
Course Code:	6CL203
Course Title:	Contract Management
Course Type:	(<input checked="" type="checkbox"/> Core/ <input type="checkbox"/> Value Added Course/ <input type="checkbox"/> Departmental Elective/ <input type="checkbox"/> Institute Elective/ <input type="checkbox"/> University Elective/(<input type="checkbox"/> Open Elective <input type="checkbox"/> Any other)
Year of Introduction:	2022-23

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Course Learning Outcomes (CLOs):

At the end of the course, the students will be able to –

1. develop contract documents for construction project (BL3)
2. appraise the need of contract law (BL5)
3. discover the need of international contract (BL4)
4. examine construction claims and suggest dispute resolution techniques. (BL4)



Syllabus:

Teaching hours: 45

Unit	Syllabus	Teaching hours
Unit-I	Tendering Introduction of subject, Introduction to Tendering, Tender form, Types, Tender Notice, Tender Document, prepare sound tender, site survey, pre-bid meeting, tendering procedure, Submission & opening of Tender, Tender Scrutiny unbalancing tender, acceptance, Details submitted in Tenders, Pre-qualification of contractors, rejection of tenders, revocation of proposal, agreement, E-tendering, Earnest money deposit, security deposit, liquidated damages	13
Unit-II	Contracts Introduction, Importance, Terms, Elements of valid contracts, Contract document, types of contracts, negotiation in contracts, obligation of owner and contractor, general and special conditions of contracts, breach of Contract, consequences of breach, termination of Contracts, subcontracting, partnering, joint venture, Indian contract act 1872	12
Unit-III	Construction Claims and Dispute Claims - definition, sources of claims, construction claims guideline & procedure. Disputes - definition, causes of disputes, mechanism of dispute resolution, alternative dispute resolution method, comparison of actions and laws, agreements, subject	15

matter, violations, Arbitration and Conciliation act 1996 and recent amendments in 2015, Delay analysis, case studies, professional ethics, duties and responsibilities of parties, documentation.

Unit-IV **International Construction Contracts**

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FIDIC contracts, surety bonds, time provisions, safety clause, insurance, Employer's Liability Policy, Builder's risk, Foreign corrupt practice Act, rate of inflation, use of local labour, Differences in Ethic, languages and culture.

Self Study:

The self-study contents will be declared at the commencement of semester. Around 10% of the questions will be asked from self-study contents.

Suggested Readings/ References:

- Gajaria K., *Laws Relating to Building and Engineering Contracts in India*. LexisNexis India Publisher
- Jimmie Hinze, *Construction Contracts*, McGraw Hill.
- Joseph T. Bockrath, *Contracts and the Legal Environment for Engineers and Architects*, McGraw Hill.
- Kwaku, A., Tenah, P.E. Jose M.Guevara, P.E., *Fundamentals of Construction Management and Organisation*, Printice Hall,
- Patil, B.S, *Civil Engineering Contracts and Estimates*, Universities Press.
- Clough R, Sears G, Sears K. *Construction Contracting – A practical guide to company management*. John Wiley & Sons

Suggested List of Experiments:

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Suggested Case List:

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