



SM702MS: PROFESSIONAL PRACTICE, LAW AND ETHICS COURSE PLANNER

I. COURSE OVERVIEW

To make the students understand the types of roles they are expected to play in the society as practitioners of the civil engineering profession. To develop some ideas of the legal and practical aspects of their profession. The students will understand the importance of professional practice, Law and. Ethics in their personal lives and professional careers. The students will learn the rights and Responsibilities as an employee, team member and a global citizen.

II. PRE-REQUISITES:

Knowledge and understanding of Ethics in Engineering Practices

III. COURSE OBJECTIVES:

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| 1. To understand the importance of professional practice, Law and ethics in personal and professional life |
| 2. To learn the rights and responsibilities as an employee, team member and a global citizen |
| 3. To develop some ideas of the legal and practical aspects of their professional and their role in the society. |

IV. COURSE LEARNING COUCOMES (CLOs):

CLO Code	CLO's	At the end of the course, the student will have the ability to:	Bloom's Taxonomy Levels	POs / PSOs mapped
SM702MS	CLO1	Understand Professional Ethics & Personal Ethics, code of Ethics ,Conflict of Interest. Will able to learn the concept of professionalism , Whistle blowing and the brief introduction of GST	L2: UNDERSTAND	PO1, PO2, PO3, PSO1, PSO2
SM702MS	CLO2	Recognize the element of contract, unlawful and illegal agreement. Will analyze the remedies for breach of contract, sale of goods act 1930 and performance of contract of sales	L4: ANALYZE	PO1, PO2, PO3, PO4, PSO1, PSO2



SM702MS	CLO3	Illustrate Arbitration, Conciliation and ADR different forms of laws and the dispute resolution board. ;Distinction between conciliation, negotiation, mediation and arbitration, confidentiality	L2: UNDERSTAND	PO1, PO2, PO3, PO4, PSO1, PSO2
SM702MS	CLO4	Enumerate the concept of labour laws and other construction related laws and other different types of ACT (1946, 1947, 1923) and also); RERA Act 2017, NBC 2017	L4: ANALYZE	PO1, PO2, PO3, PO4, PO5, PSO1, PSO2
SM702MS	CLO5	Understand IPR Copyright, Trademarks, Patents and Designs, Secrets, Piracy in Internet – Remedies and procedures in India	L2: UNDERSTAND	PO1, PO2, PO3, PO4, PO5, PSO1, PSO2

V. HOW PROGRAM OUTCOMES ARE ASSESSED:

Program Outcomes (POs)		Level	Proficiency assessed by
PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	3	Presentation on real-world problems
PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	3	Assignments
PO3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	2	Assignments
PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	2	Mini/Major Projects
PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an	2	Mini/Major Projects



Program Outcomes (POs)		Level	Proficiency assessed by
	understanding of the limitations.		
PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	-	--
PO7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	-	--
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	-	--
PO9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	-	--
PO10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	-	-
PO11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	-	--
PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	-	-

VI. HOW PROGRAM SPECIFIC OUTCOMES ARE ASSESSED:

Program Specific Outcomes (PSOs)	Level	Proficiency assessed by
Foundation of mathematical concepts: To use mathematical methodologies to crack problem using suitable mathematical analysis, data structure and suitable algorithm.	2	Assignments
Foundation of Computer System: The ability to interpret the	2	Mini/Major Projects



Program Specific Outcomes (PSOs)	Level	Proficiency assessed by
fundamental concepts and methodology of computer systems. Students can understand the functionality of hardware and software aspects of computer systems.		
Foundations of Software development: The ability to grasp the software development lifecycle and methodologies of software systems. Possess competent skills and knowledge of software design process. Familiarity and practical proficiency with a broad area of programming concepts and provide new ideas and innovations towards research.	-	-

VII. MAPPING COURSE OUTCOMES LEADING TO THE ACHIEVEMENT OF PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES:

Course Learning Outcomes	Program Outcomes (PO)												Program Specific Outcomes (PSO)		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CLO 1	2	3	2	-	-	-	-	-	2	-	3	-	-	-	-
CLO 2	2	2	-	-	-	-	-	-	-	-	2	-	-	-	-
CLO 3	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
CLO 4	2	2	-	-	-	-	-	-	2	-	3	-	-	-	3
CLO 5	-	2	2	-	-	-	-	-	3	-	2	-	-	-	2
AVG	2	2	2	-	-	-	-	-	2.33	-	2.5	-	-	-	2.5

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High) - : None

COURSE SYLLABUS:

UNIT - I

Professional Practice and Ethics: Definition of Ethics, Professional Ethics - Engineering Ethics, Personal Ethics; Code of Ethics - Profession, Professionalism, Professional Responsibility, Conflict of Interest, Gift Vs Bribery, Environmental breaches, Negligence, Deficiencies in state-of-the-art; VigilMechanism, Whistle blowing, protected disclosures. Introduction to GST- Various Roles of Various Stake holders

UNIT - II



Law of Contract: Nature of Contract and Essential elements of valid contract, Offer and Acceptance, Consideration, Capacity to contract and Free Consent, Legality of Object. Unlawful and illegal agreements, Contingent Contracts, Performance and discharge of Contracts, Remedies for breach of contract. Contracts-II: Indemnity and guarantee, Contract of Agency, Sale of goods Act -1930: General Principles, Conditions & Warranties, Performance of Contract of Sale.

UNIT - III

Arbitration, Conciliation and ADR (Alternative Dispute Resolution) system: Arbitration – meaning, scope and types – distinction between laws of 1940 and 1996; UNCITRAL model law – Arbitration and expert determination; Extent of judicial intervention; International commercial arbitration; Arbitration agreements – essential and kinds, validity, reference and interim measures by court; Arbitration tribunal – appointment, challenge, jurisdiction of arbitral tribunal, powers, grounds of challenge, procedure and court assistance; Distinction between conciliation, negotiation, mediation and arbitration, confidentiality, resort to judicial proceedings, costs; Dispute Resolution Boards; Lok Adalats.

UNIT - IV

Engagement of Labour and Labour & other construction-related Laws: Role of Labour in Civil Engineering; Methods of engaging labour- on rolls, labour sub-contract, piece rate work; Industrial Disputes Act, 1947; Collective bargaining; Industrial Employment (Standing Orders) Act, 1946; Workmen's Compensation Act, 1923; Building & Other - Construction Workers (regulation of employment and conditions of service) Act (1996) and Rules (1998); RERA Act 2017, NBC 2017.

UNIT - V

Law relating to Intellectual property: Introduction – meaning of intellectual property, main forms of IP, Copyright, Trademarks, Patents and Designs, Secrets; Law relating to Copyright in India including historical evolution of Copy Rights Act, 1957, Meaning of copyright – computer programs, Ownership of copyrights and assignment, Criteria of infringement, Piracy in Internet – Remedies and procedures in India; Law relating to Patents under Patents Act, 1970

TEXT BOOKS:

1. Professional Ethics: R. Subramanian, Oxford University Press, 2015.
2. Ravinder Kaur, Legal Aspects of Business, 4e, Cengage Learning, 2016.

REFERENCE BOOKS:

1. RERA Act, 2017.
2. Wadhwa (2004), Intellectual Property Rights, Universal Law Publishing Co.
3. T. Ramappa (2010), Intellectual Property Rights Law in India, Asia Law House.
4. O.P. Malhotra, Law of Industrial Disputes, N.M. Tripathi Publishers.

JNTUH

GATE SYLLABUS: NOT APPLICABLE

IES SYLLABUS: NOT APPLICABLE

SM702MS: PROFESSIONAL PRACTICE, LAW AND ETHICS:

Course Plan and Lesson Plan



Lecture No.	Unit No.	Topics to be covered	Content to be covered under each topic	Link for PDF	Link for Small Projects/ Numericals(if any)	Course learning outcome	Teaching Methodology	Reference
1	I	Introduction	<ul style="list-style-type: none"> • Features • Importance • Characteristics • Need of Ethics 	https://drive.google.com/drive/u/1/folders/1x0D0B_2hQM7pG0Kt5CPWrWRHvv7ksTFY	https://docs.google.com/document/d/1sTVeJveCo-8deJrNqbDpesL-GW9aLuUt/edit	CLO1	Chalk & Talk, LCD/PPT, Assignments, Video (NPTEL)	T1, T2
2		Professional Ethics & Personal Ethics	<ul style="list-style-type: none"> • Theory of Engineering Ethics • Conflicts • Responsibility • Types of Codes 	https://drive.google.com/drive/u/1/folders/1x0D0B_2hQM7pG0Kt5CPWrWRHvv7ksTFY		CLO1		
3		Code of Ethics ,Conflict of Interest	<ul style="list-style-type: none"> • Case study (Research Paper Conflicts) 	https://drive.google.com/drive/u/1/folders/1x0D0B_2hQM7pG0Kt5CPWrWRHvv7ksTFY		CLO1		
4		Environmental breaches, Deficiencies in state-of-the-art	<ul style="list-style-type: none"> • Meaning • Importance • Reference theory with Example 	https://drive.google.com/drive/u/1/folders/1x0D0B_2hQM7pG0Kt5CPWrWRHvv7ksTFY		CLO1		
5		Vigil Mechanism, Whistle blowing	<ul style="list-style-type: none"> • Theory of Breaches • Types • Features 	https://docs.google.com/document/d/1IF5UDWM0AH9ChVmzjw4IBMvBZaeSo		CLO1		



				LhW/edit				
6		Introduction to GST	<ul style="list-style-type: none"> • Definition • Types • Procedures • Rules 	https://drive.google.com/drive/u/1/fo/lders/1x0D0B_2hQM7pG0Kt5CPWrWRHvv7kSTFY		CLO3		
7	II	Introduction	<ul style="list-style-type: none"> • Nature • Elements of Contract • Theory of offer and acceptance 	https://docs.google.com/presentation/d/1SNUNBYj_omtjIytpP4oq4xha88k2ukaL/edit#slide=id.p1		CLO1,	Chalk & Talk, LCD/PPT, Assignments, Video (NPTEL)	T1 & T2
8		Consideration, Free Consent & Capacity of Contract	<ul style="list-style-type: none"> • Example of free consent and its theory • Types of contract & features 	https://docs.google.com/presentation/d/1ARZbIWFJztZ6UY-m3SXttENjmX6KBF_o/edit#slide=id.p1	–	CLO1; CLO2		T1
9		Unlawful and Illegal agreement	<ul style="list-style-type: none"> • Meaning • Features • Characteristics and Theory with Example 	https://docs.google.com/presentation/d/1sTaYI9cBmDAW4L9qHnOunwQMQSUCjYa/edit#slide=id.p1	–	CLO1		T1 & T2
10		Remedies for Breach of Contract	<ul style="list-style-type: none"> • Procedures • Different Forms 	https://docs.google.com/presentation/d/1QYO2nS3tGs1pI-W3cVvvw3IfW3VJ3X_v/edit#slide	–	CLO1		T1



				=id.p1				
11		Sales of Goods Act 1930	<ul style="list-style-type: none"> • Features • Characteristics • Needs • Importance • Theory 	https://docs.google.com/document/d/1A9UISRSJEaqpW9uMvH4k_xg2iljBk6U/edit	https://docs.google.com/document/d/1wUO8dyn8by0MyD1pYzDnC4dUPEdHoAoB/edit	CLO1		T1 & T2
12		Performance of Contract of Sale	Theory	https://docs.google.com/document/d/1A9UISRSJEaqpW9uMvH4k_xg2iljBk6U/edit	https://docs.google.com/document/d/1wUO8dyn8by0MyD1pYzDnC4dUPEdHoAoB/edit	CLO2, CLO3		T1
13	III	Arbitration, Conciliation and	<ul style="list-style-type: none"> • Meaning • Scope • Types • Characteristics 	https://docs.google.com/document/d/1z00PkmDGtBqqasEzTwFxiJef4a0qv2Db/edit	https://docs.google.com/document/d/1sK_G9CSOh57VJJWB4AGbmFyxAhtOfPcs/edit	CLO1		Chalk & Talk, LCD/PPT, Assignments, Video (NPTEL)
14		ADR	Meaning	https://docs.google.com/document/d/18lZaAPawApV-cOVjp23B68tY5Qolkxun/edit	–	CLO1		
15		Distinction between laws of 1940 and 1996	• Differentiation	https://docs.google.com/document/d/16aTJmyx_ZZsp4fEJ85xK159wWrX10K6d/edit	https://docs.google.com/document/d/1sK_G9CSOh57VJJWB4AGbmFyxAhtOfPcs/edit	CLO1		
16		Arbitration agreements	<ul style="list-style-type: none"> • essential and kinds, • validity, reference and • interim 	https://docs.google.com/document/d/18lZaAPawApV-cOVjp23B68tY5Qolkxun/edit	https://docs.google.com/document/d/1sK_G9CSOh57VJJWB4AGbmFyxAhtOfPcs/edit	CLO1		



			measures by court	cOVjp23B68tY5QolkxuN/edit	GbmFyxAhtOfPcs/edit			
17		Arbitration tribunal	<ul style="list-style-type: none"> • Appointment • Challenge of Jurisdiction of Arbitral Tribunal • Ground of challenge 	https://docs.google.com/document/d/18lZaAPawApV-cOVjp23B68tY5QolkxuN/edit	https://docs.google.com/document/d/1sK_G9CSOh57VJJWB4AGbmFyxAhtOfPcs/edit	CLO1		
18		Distinction between conciliation, negotiation, mediation and arbitration, confidentiality, resort to judicial proceedings, costs	<ul style="list-style-type: none"> • Differences 	https://docs.google.com/document/d/18lZaAPawApV-cOVjp23B68tY5QolkxuN/edit	–	CLO1		
19	III	Dispute Resolution Boards; Lok Adalats.	<ul style="list-style-type: none"> • Theory & Characteristics • Cases Of laws 	https://docs.google.com/document/d/1lGMejclh1oht3ZkZGtrqeO5YX2u68sL-/edit	–	CLO1	Chalk & Talk, LCD/PPT, Assignments, Video (NPTEL)	T1, T2
20	IV	Engagement of Labour and Labour & other construction-related Laws	<ul style="list-style-type: none"> • Theory • Abstract • Features 	https://docs.google.com/document/d/1pQr6jqgqmqUz8ShFnlfMSO0Xz1AhqNAh/edit	–	CLO1	Chalk & Talk, LCD/PPT, Assignments, Video (NPTEL)	T1, T2
21		Methods of engaging labour	<ul style="list-style-type: none"> • on rolls, labour sub-contract, • piece rate work 	https://docs.google.com/document/d/1pQr6jqgqmqUz8ShFn	–	CLO1		



				IfMSO0Xz1AhqNAh/edit				
22		Industrial Disputes Act, 1947	<ul style="list-style-type: none"> • Theory • Characteristics • Advantages • Features • Collective bargaining 	https://docs.google.com/document/d/1pQr6jqggmqUz8ShFnIfMSO0Xz1AhqNAh/edit	https://docs.google.com/document/d/1xHwfNrSiYbwrXhtHFdOyHloGBUg2I2E/edit	CLO1		
23		Workmen's Compensation Act, 1923	<ul style="list-style-type: none"> • Theory • References • Case Laws(Research paper 	https://docs.google.com/document/d/12zcOJ_AKViJ3vgmZ1pvEgFoxaLBDG1O7/edit	–	CLO1		
24		Building & Other - Construction Workers (regulation of employment and conditions of service) Act 1996) and Rules (1998	<ul style="list-style-type: none"> • Explain objective of the Act • Content and Regulation & condition of construction worker 	https://docs.google.com/document/d/12zcOJ_AKViJ3vgmZ1pvEgFoxaLBDG1O7/edit	–	CLO1		
25		RERA Act 2017, NBC 2017	<ul style="list-style-type: none"> • Objective • Introduction • Characteristics of the Act 	https://docs.google.com/document/d/1P7PRDmlazsgQo06CtEli_tYKDbwE9uEd/edit	–	CLO1		
26	V	Introduction	<ul style="list-style-type: none"> • Laws related to Intellectual Property • Meaning • Definition 		https://docs.google.com/document/d/1RkX4UNQff7JyUJAmWTE	CLO1	Chalk & Talk, LCD/PPT, Assignments, Video	T1, T2



27	Forms of IP	<ul style="list-style-type: none"> • Types • Copyrights • Trademarks • Patents • Design • Secrets 	https://docs.google.com/document/d/1C7iVBCM Tz2hycmcq pqRkV4Kz_TqMKwtS/edit	xuHkr0OvW UcL/edit	CLO1	(NPTEL)
28	Law relating to Copyright in India	<ul style="list-style-type: none"> • Explain copyrights Acts history and Evolution of copy rights Act 1957 	https://docs.google.com/document/d/1C7iVBCM Tz2hycmcq pqRkV4Kz_TqMKwtS/edit		CLO1	
29	Meaning of copyright – computer programs	<ul style="list-style-type: none"> • Theory and computer application 			CLO1	
30	Ownership of copyrights and assignment	<ul style="list-style-type: none"> • Theory • Characteristics • Features 			CLO1	
31	, Criteria of infringement, Piracy in Internet	<ul style="list-style-type: none"> • Policies and Laws related to each 	https://docs.google.com/document/d/1C7iVBCM Tz2hycmcq pqRkV4Kz_TqMKwtS/edit		CLO2, CLO4	
32	Remedies and procedures in India	Measures' and Procedures & Rules in India			CLO4	
33	Law relating to Patents under Patents Act, 1970	Patents Act 1970			CLO2, CLO4	
34	Revision	Revision			CLO1	

QUESTION BANK: (JNTUH)

DESCRIPTIVE QUESTIONS:

UNIT-I

SHORT ANSWER QUESTIONS

- 1 What are human values?
- 2 What is integrity?



- 3 What is service learning?
- 4 What is courage a value?
- 5 What is the code of ethics.
- 6 Explain whistel blowing.

LONG ANSWER QUESTIONS

- 1 Explain ethics in details.
- 2 Difference between professiona ethics and personal ethics.
- 3 Difference between gift versus bribery.
- 4 Describe the code of ethics in details.
- 5 Illustrate about GST.
- 6 Describe envioromental breaches
- 7 What are the role of the various stakeholder.
- 8 What are the deficiency in the state of the art.
- 9 Write in brief about vigil mechancism.

UNIT-2

SHORT ANSWER QUESTIONS

- 1 Define law of the contact
- 2 What is the nature of the contact
- 3 Explain the performance of the the contact of the sale.
- 4 Define contact of the agency.
- 5 What is the sale of the good act 1930

LONG ANSWER QUESTIONS

- 1 Explain in bride essential element of the valid contact.
- 2 Write short note on capacity to contact.
- 3 Write in brief about free consent and legality of object.
- 4 Describe remedies of breach of the contact.
- 5 Describe general principals of sale of the good act 1930.
- 6 State the condition and warranty and performance of contact of the sale.
- 7 Explain unlawful and illegal agreements.
- 8 Explain contingent contract.

UNIT-3

SHORT ANSWER QUESTIONS

- 1 Define attribution.
- 2 What is conciliation.
- 3 Explain ADR system.
- 4 Distinguished between conciliation and negotiation.
- 5 Distinguish between mediation and arbitration



LONG ANSWER QUESTIONS

- 1 Explain meaning, scope and types of arbitration.
- 2 Distinguish between law of 1940 and 1996
- 3 Explain UNCITRAL model law.
- 4 Explain dispute resolution board lokeadalat.
- 5 Explain in detail about appointment and challenge and juristic of arbitral tribunal.
- 6 Explain arbitration agreement, essential and kinds.
- 7 Which is measure by code.

UNIT-4

SHORT ANSWER QUESTIONS

- 1 What is the role of labor in civil engineering.
- 2 What is industrial employment 1946 act.
- 3 What is industrial dispute 1947 act.
- 4 Explain workman compensation 1923 act.
- 5 Explain construction worker 1996 and 1998 act and rules.

LONG ANSWER QUESTIONS

- 1 Explain in brief about methods of engaging labor.
- 2 Describe industrial dispute act 1947 in details.
- 3 What is collective bargaining?
- 4 Describe industrial employment act 1946 in details.
- 5 Describe workman compensation act 1923 in detail.
- 6 Describe construction worker act 1996 in detail.
- 7 Explain the rules for construction workers as per 1998 in detail.
- 8 Explain RERA act 2017
- 9 Describe NBC 2017.

UNIT-5

SHORT ANSWER QUESTIONS

- 1 What is IPR
- 2 Explain copyright
- 3 Explain trade mark.
- 4 Explain patent and design.
- 5 What is secret.
- 6 What is the meaning of copyright.
- 7 “Patent right is limited period right”. Analyze.
- 8 Discuss the criteria’s of patentability in India.
- 9 Discuss the importance of prior art search
- 10 Whether living organism is patentable in India?



11 Explain whether software is patentable in India? Explain

LONG ANSWER QUESTIONS

- 1 What are the main form of IP.
- 2 What are the laws related to copyright in India.
- 3 Explain historical evolution of copyright act 1957.
- 4 What are the computer programs for copyright?
- 5 Explain ownership of copyright and assignment.
- 6 What are the criteria of infringement?
- 7 Explain the privacy in internet.
- 8 What are the remedies and procedures in privacy in internet in India?
- 9 What are the laws relating to patent under patent act 1970.

OBJECTIVE QUESTIONS:

UNIT-1

- 1 Ethics is a ----- science.
- 2 ----- is the domain of ethics that includes professional ethics and practical ethics.
- 3 Analysis about the nature and status of ethical theories is the subject matter of: _____
- 4 ----- is the philosophical examination, from a moral standpoint, of particular issues in private and public life which are matters of moral judgment.
- 5 ----- is the method of resolving moral problems by the application of theoretical rules.
- 6 The method for jurisprudence and Applied ethics is: _____.
- 7 In ethics Casuistry means: _____.
- 8 ----- is a branch of applied ethics that studies the philosophical, social and legal issues arising in medicine and the life sciences.
- 9 ----- used the term Bio-ethics to describe the relationship between the biosphere and growing human population.
- 10 ----- is the ethical theory proposed maximum happiness for maximum number.
- 11 ----- is not a divide line between fertilized egg and child according to liberalists.
- 12 ----- is the most visible possible divide line between fertilized egg and child for those who support abortion.
- 13 ----- is the time when the mother first feels the fetus move.
- 14 According liberalist ----- is the real morally significant divide line between fertilized egg and child.
- 15 Since 2018 ----- euthanasia is legalized in India.
- 16 In India ----- is still illegal.

UNIT-2

- 1 Promises which form the consideration or part of the consideration for each other are called as -----



- 2 Performance of the conditions of a proposal, or the acceptance of any consideration for a reciprocal promise which may be offered with a proposal, is an ----- of the proposal.
- 3 All agreements are ----- if they are made by the free consent of parties competent to contract, for a lawful consideration and with a lawful object, and are not hereby expressly declared to be void.
- 4 Every promise and every set of promises, ----- is an agreement.
- 5 When consent to an agreement is caused by coercion, fraud or misrepresentation, the agreement is a contract ----- whose consent was so caused.
- 6 A ----- is a contract to do or not to do something, if some event, collateral to such contract, does or does not happen.
- 7 If the parties to a contract agree to ----- a new contract for it, or to rescind or alter it, the original contract, need not be performed.
- 8 Section ----- of Indian Contract Act defines a contract of Indemnity.
A)Section 127 **B)Section 124**
C)Section 125 D)Section 130
9. In a contract of Indemnity there are -----
A)3 parties and one contract B) 2 parties and 2 contracts
C) 3 parties and 3 contracts **D)2 parties and one contract**
10. A Contract of Guarantee is a ----- agreement.
A)Bipartite agreement **B)Tripartite agreement**
C)Either (A) or (B) D)None of these
11. Surety is a person who -----
A)Who gives the guarantee B)To whom the guarantee is given
C)In respect of whose default the guarantee is given D)None of the above
12. A continuing guarantee applies to -----
A)Reasonable number of transactions B)Any number of transactions
C)A series of transactions D)A specific transaction

UNIT-3

- 1 Which are the correct methods of ADR?
A. Legislation, Arbitration and Negotiation B. Negotiation, Legislation and Mediation
C. Arbitration, Negotiation, Conciliation and Mediation D. Legislation and Mediation
- 2.Which of the following matters are not referred to arbitration?
A. Civil matters. B. Matrimonial matters.
C. Banking matters. D. Property matters.
- 3.What's an arbitrator's role?
A. Sit and talk B. Acts like a judge
C. Acts like a jury D. Acts like a police officer
4. What's the similarity with mediation and conciliation?



- A. They sound the same B. They both use a messenger
C. They are the same D. There is no similarity
5. Which are the correct disadvantages of Arbitration?
A. Legal point, Flexible, Fees expensive and Delays B. Fees expensive, Legal point, Delays and Limited appeal
C. Limited appeal and Its Quick D. Flexible
6. What does ADR actually stand for?
A. Alternative desperate resolution B. Alternative despite resolution
C. Alternative dispute resolution D. Additional dispute resolution
7. LokAdalat basically means
A. Women's court B. Men's court
C. People's court D. Children court
8. The award made by the LokAdalat
A. is deemed to be a decree of the civil court like arbitration Award
B. is deemed to be a decree of the civil court
C. is effective as an Arbitral award
D. is not binding on the party
9. An arbitral award
A. has to be in writing but need not be signed
B. has to be in writing and signed by the members of the arbitral tribunal
C. may be oral
D. may be in writing but no signature required
10. In case of three arbitrators, the 'third arbitrator' shall act as:
A. an umpire B. a Presiding Arbitrator
C. sole arbitrator D. Assistant Arbitrator

UNIT -4

1. As per the Factories Act "Adult" means a person who has completed year of age.
a) Fifteenth b) Sixteenth
c) Seventeenth d) **Eighteenth**
2. _____ have been set up under the provisions of Industrial Dispute Act, 1947 for adjudication of industrial disputes in an organisation.



- (A) Lok-Adalat (B) Industrial Tribunal
(C) Labour Court (D) All of the above

3. When did The Industrial Employment (Standing Orders) Act 1946, come into force?
A) 01 April 1936 B) 01 March 1937
C) 01 May 1935 **D) 23 April, 1946**

4. Which section of The Industrial Employment (Standing Orders) Act 1946 deals with Posting of standing orders?

- A. Section 12 of the Industrial Employment (Standing Orders) Act 1946
B. Section 9 of the Industrial Employment (Standing Orders) Act 1946
C. Section 14 of the Industrial Employment (Standing Orders) Act 1946
D. Section 20 of the Industrial Employment (Standing Orders) Act 1946

5. Who is the authority to certify a draft of standing order?

- A. Certifying officer
B. Labour commissioner
C. Regional labour commissioner
D. All of the above

6. When did Workmens Compensation Act 1923, come into force?

- A) 01 April 1955
B) 01 March 1955
C) 01 May 1955
D) 1 July 1924

7. Which section of The Employees Compensation Act 1923 deals with Compensation not to be assigned attached or charged?

- A. Section 12 of the Employees Compensation Act 1923
B. Section 9 of the Employees Compensation Act 1923
C. Section 14 of the Employees Compensation Act 1923
D. Section 20 of the Employees Compensation Act 1923

8. What are the pillars of RERA ?

- A. Financial discipline & Transparency
B. Accountability & Customer centricity
C. Compliance
D. All of the above

9. What is the full form of RERA ?

- A. Real Education in Real Estate
B. Real estate regulation for advisors
C. Real Estate Regulatory Authority
D. Real estate & regulation act



10. What does mean by RWA ?

- A. Rural welfare association
- B. Rental with agreement
- C. Residential welfare association
- D. Resident with agreement.

UNIT -5

1. Patent is a form of

- (a) Tangible Property (b) Intellectual Property
- (c) Industrial property (d) Both (b) and (c)

2. Patent protects

- (a) Discovery (b) Invention
- (c) New invention (d) Both (a) and (b)

3. Invention means

- (a) New product having inventive step and capable industrial application
- (b) New process
- (c) New product or process having inventive step and capable industrial application
- (d) None of the above

4. Patent right is _____

- (a) Limited period right (b) Territorial right
- (c) Absolute right (d) Both (a) and (b)

5. Patentability criteria includes

- (a) Novelty (b) Inventive step
- (c) Capable of Industrial application (d) All the above

6. Prior art includes

- (a) Prior publication (b) Prior Use
- (c) Prior Knowledge (d) All the above

7. Prior art search includes

- (a) Search of Patent literatures (b) Search of Non-patent literature
- (c) Both (a) and (b) (d) None of the above

8. IPC means

- (a) Indian Patent Classification (b) International Panel Code
- (c) International Patent Classification (d) International Postal Code



9. Admixture is patentable in India

(a) Yes (b) No (c) Yes in some cases

10. The General Agreement on Tariffs and Trade came into force on -----

(a) 1st January 1948 (b) 15 January 2020
(c) 7th March 1950 (d) 4. 20th March 1954

WEBSITES:

<https://nptel.ac.in/courses/110/105/110105139/>

<https://nptel.ac.in/courses/109/106/109106148/>

<https://nptel.ac.in/courses/109/105/109105112/>

JOURNALS:

- 1 Journal of Legal, Ethical and Regulatory Issues
- 2 Journal of Business Law and Ethics
- 3 The Journal of Law, Medicine & Ethics - SAGE Journals
- 4 International journal of law - Law Journal

LIST OF TOPICS FOR STUDENTS SEMINARS:

- 1 IPR
- 2 Ethics
- 3 Law of contract
- 4 Arbitration and ADR
- 5 RERA 2017

CASE STUDIES:

1. Ethics
2. Research conflict of interest
3. IPR case study
4. ADR case study



COLLEGE TRANSPORT FACILITY

The institute not only aspires for good academics but also cares for the safety, comfort & convenience of the students; which are the prerequisites for their good academic performance.

Hence for the students' convenience along with many other facilities, college offers transportation to all the students with its fleet of new, neat & clean buses. The college transport facility offers many advantages to the students such as

1. Reaching on time to college and hence punctual in attending the classes.
2. Comfortable journey with an assured seat in the bus.
3. Less strain during the journey, hence better performance in academic activities.
4. Safety of their belongings.
5. Presence of at least 2 faculty in charges in the bus ensures discipline & risk free travel (Especially for girl students).
6. Returning home promptly after the completion of the college.
7. No scope of ragging due to the presence of faculty in charges in the bus.
8. Fleet of 40 buses covering all possible route in twin cities.

Note: We are ready to add few more routes to our coverage if at least 10 students from new areas are registering for the transport facility

COLLEGE BUS ROUTE SCHEDULE

ROUTE NO	Starting Point	Areas Covered
1	DILSUKNAGAR (Womens Special)	Dilsuknagar (footover bridge and Opp. To Sai baba temple Arch)
3	Chaitanyapuri(Womens Special)	Chaitanyapuri, Whitehose, RR Court
4	Kothapet (Womens Special)	Kothapet, Astalaxmikaman
5	SHILPARAMAM	Shilparamam, Kothagudamchowrasta, Gachibowli Y junction, Shaikpet (Darga and Naryanama College) , Towlichowki, Towlichoki X Roads, Atthapur Bus stop, Rajendernagar, Shivrampally X Roads, khatedhan ,Bandlaguda, CRPF camp office Opp to Gate, Barkash x road, Padhisharif, Tukkguda
6	Nagole(WomensSpecal)	Nagole, Snehapuri Colony, Alkapuri, Kamineni
7	Hyathnagar	Hyathnagar, Bhagyalatha-hospital, Hanuman temple, Kamala nagar -bus stop, Bore super market, Jothichikencenter, Red tank, Govt. hospital, NGO's colony



8	Block 1	Block no 1 ,Nallakunta -vegetable market ,SVS petrol bunk , OU circle , Shivam Road -Bakers Q, Tilaknagar-signal, 6 no. signal amberpet ,Sri ramana-near temple, Amberpet-darga, Ramanthpur(Tv studio & HPS)
9	HIMAYTHNAGAR	Indira park-,Himaythnagar(Liberty ,Stanza &MinrvaHotal) ,Barkathpura X Road , Tilaknagar Bus stop, Moosrambagh(More Super Market)
10	VST	VST,Ramnagar(x roads,Gundu), VidhyanagarSpecers(adikment), Amber pet(police line)
11	Zoo Park	Darushaf,Afzalgunj, High Court,City College, Pooranapool, Bhadurpura,Zoopark Bus stop, Aramghar,katedhaan,Bandlaguda,Chandrayangutta,sagar ring road.
12	Shadahan college	Shadahan college, Lungurhouse,MehadipatnamMiltry gate ,NMDC, Masabtank, Lakdikapool, Nampally (public gardens , Care hospital) , Monza Market, ChardharghatNaigaraHotal
13	RTC X ROAD	RTC x Road, Chilkalguda,Kachiguda Tourist Hotal,KumarTheater,Nimboliadda, SN Reddy Gardens, Green Park colony
14	Moulali (Andhra Bank)	Moulali,HB colony (E-seva,NTR statue) Mallapur(Bus stop),Nacharam(busstop, PS),HMT Nagar
15	BOLLARAM	Bollaram,Alwal,Tirumalgiri X roads , Mondamarket,Daimond Point, JBS, Panty-YMCA, Sangeeththeater towards Police nilayam road
16	NEREDMENT X ROADS	Neredment x road, krupacomplex,Vinayak Nagar, east anandbagh,ztc,, Tarnakast 'anns
18	HAYAT NAGAR	Laxma Reddy Pallem Hayat Nagar, Sushma , Raythu Bazar B N Reddy RagannaGuda Campus
20	HYDERNAGAR (JNTUH)	Hydernagar, JNTU,Moosapet Y junction , Balanagar X roads,Bowenpally X roads(Gulf Bakers),Tadbund, Paradise
21	SHALI BANDA SIGNAL	shalibanda,laldarwaz,falknama,chandraynagutta,balapurx road,
22	Malakpet	MalakpetYashoda hospital , Super bazar, Tv tower , Moosrambagh x roads, Shiva ganga theater, saroornagarlake
23	Mothi Nagar, boarabanda	Boarabanda,Mothinagar,yousufguda, krishnanagar, Jublieecheckpost, NTR Bhavan(KBR park,Banjarahills(City Center ,Taj Krishna), Khirathabad, Abids(charmas& Big bazar),Koti ,Bharat Gardens,biramalguda
24	SAINIK PURI X ROADS BUSSTOP OFFICERS COLONY	Sainikpuri x roads , Officers colony,ASraonagar , Radhika x roads ,ECIL X Roads ,Nacharam,Habsiguda.
25	SHAHARA	Shara estates, Chintalkunta,PanamaGowdowns , Sushmatheater,Raithubazar , Gowthami Nagar, Siva



		Sindhu,SriIndu college bus stop,DPS circle
26	Chintalkunta	Chintalkunta,PanamaGowdowns ,Ganesh Temple, Govt.Hospital,NGO'S COLONY, DPS circle
27	Golconda X road	Golconda x road, Raja deluxe opp,Musheerabad x roads , Boiguda , chilkguda x roads , Mylargada,Seetafelamandi
28	DILSUKNAGAR	Dilsuknagar(footover bridge and Opp. To Sai baba temple Arch)
29	Jillelguda	Balapur X Road,Mandamalla,Jellaguda,Meerpet ,Prashanthi hills ,Almasguda,Gurramguda,Yamjal,Ragannaguda.
30	Moosapet Y Junction	Moosapet Y Junction, Erragada Bus stop ,ESI Hosp. Bus stop,SR Nagar Bus stop, Ameerpet(Mythrivanam,Rs brother bus stop)
31	Block 1 (Non Teaching)	Block no 1 ,Nallakunta -vegetable market ,SVS petrol bunk , OU circle , Shivam Road -Bakers Q, Tilaknagar-signal, 6 no. signal amberpet ,Sri ramana-near temple, Amberpet-darga, Ramanthpur(Tv studio & HPS)
32	NARYANAGUDA	NaryangudaYMCA,Kachiguda x roads,KotiWomens college, Govt. Press,Saidabadcolony,Karmanghat
33	UPPAL DEPO	uppaldepo,uppal bus stop
34	LB Nagar(womens special)	LB Nagar, Sagar X road,Omkarnagar,Hashtinapuram (Central ,South),BN Reddy, Sagar complex ,Injapur,Yamjal
35	LB Nagar	LB Nagar, Sagar X road,Omkarnagar,Hashtinapuram (Central ,South),BN Reddy, Sagar complex ,Injapur,Yamjal
36	Habsiguda ST 8	Habsiguda ST 8(Icici bank ATM,Swathitiffins),NGRI , Survey of india
37	Maruthi Nagar	Chaitanyapuri (Geetha Hospital),Ramalayam 2nd Bus stop, Old Maruthinagar,JainMandhir,Mohannagar Andhra bank ATM,RK PuramSaibaba temple
38	SAFILGUDA	Safilguda x road ,Anandbagh x road, MalkajgiriAnutex , Tukarmgate , Mettuguda, TarnakaSudharshan sweets, Habsiguda X Roads
39	IS SADAN	IS Sadan ,YadhagiriTheater,OSICircle,Mandamallam function hall,Gaythrinagar,TKR Arch