

3HS01: ETHICS AND CONSTITUTION OF INDIA#
CREDITS – 0 (LTP : 2,0,0)

Course Objective:

To create awareness of Engineering Ethics and human values, instill moral social values, loyalty and ethical issues. It will allow the students to assimilate with basic information about Indian Constitution, know its salient features and thus functioning of Democracy in India

Teaching and Assessment Scheme:

Teaching Scheme (Hours per Week)			Credits	Assessment Scheme				Total Marks
L	T	P		Theory Marks		Practical Marks		
			ESE	CE	ESE	CE		
2	0	0	0	30	20	00	00	50

Course Contents:

Unit No.	Topics	Teaching Hours
1	Professional Ethics: Definition of Ethics, Professional Ethics, Business Ethics, Corporate Ethics, Engineering Ethics, Personal Ethics; Profession, Professionalism, Professional Responsibility, Professional Ethics; Conflict of Interest, Gift v/s Bribery, Environmental breaches, Negligence, Deficiencies in state-of-the-art; Vigil Mechanism, Whistle blowing, protected disclosures.	7
2	Engineering ethics: Definition-Approach-Senses of Engineering Ethics-variety of moral issues-Definition-Ethical theories-Theories about right action Personality- Self-control- Self-interest –Self-respect.	7
3	Constitution and Constitutionalism: Historic perspective of constitution of India, Salient features and Characteristics of constitution of India, Scheme of fundamental rights, Scheme of fundamental duties and its legal status, The directive principles of State policy-its importance and implementation	7
4	Federal Structure: Distribution of legislative and financial powers between the union and states, Parliamentary form of government in India, The constitution powers and status of the President of India, Amendment of Constitution powers and procedure. Functions of state legislature, Structure of state executive-Powers and positions of Governor, Speaker, Deputy Speaker, Chief Minister and council of minister.	7
Total		28

List of References:

- Govindrajan.M, Natrajan S, Senthilkumar V.S, “*Engineering Ethics(Including Human Values)*”, PHI publication, latest edition.
- Reddy.N H, Ajmera, Santosh, “*Ethics, Integrity and Aptitude*”, Tata McGraw Hill.
- Durga Das Basu (DD Basu): “*Introduction to the Constitution on India*”, (Students Edition.)

- Prentice –Hall EEE, 19th / 20th Ed., (Latest Edition) or 2008.
4. Shubham Singles, Charles E. Haries, and Et al: “*Constitution of India and Professional Ethics*” by Cengage Learning India Private Limited, Latest Edition – 2018.
 5. M.V.Pylee, “*An Introduction to Constitution of India*”, Vikas Publishing, 2002.

Course Outcomes (COs):

At the end of this course students will be able to ...

1. Practice the moral values that ought to guide the engineering profession.
2. Discover the set of justified moral principles and apply them to concrete situation.
3. Appreciate the ethical issues and know the code of ethics in different professional bodies.
4. Discover the Federal structure and Constitution of India.
5. Know the successful functioning of democracy in India.
6. Apply the statutes available in the Constitution to the field of engineering.