Human Values and professional ethics

The institute does offer various courses on human values and professional ethics. The course includes salient values of life, Human rights, environment and ecology, social values & ethical values etc, offered for the period of six month semester.

Humanities and Social Sciences (210250 Audit Course 1)

Objective of Humanities and Social Science (HSS) is to produce well-rounded engineers, not only having good technological skills but also with the ability to interact with different organs of an organization. HSS is concerned with society and the relationships among individuals within a society. It in turn has many branches, each of which is considered a "social science". The main social sciences include economics, political science, human geography, demography and sociology. In a wider sense, social science also includes some fields in the humanities such as anthropology, archaeology, psychology, history, law and linguistics.

Course Objectives:

- Human and social development;

- Contemporary national and international affairs;

- Emergence of Indian society and Economics

- Sectorial development and Economic development and related issues (such as international economics, WTO, RBI, etc).

Course Outcomes:

On completion of the course, learner will be able to--

- Making engineering and technology students aware of the various issues concerning man and society.
These issues will help to sensitize students to be broader towards the social, cultural, economic and human issues, involved in social changes

- Able to understand the nature of the individual and the relationship between the self and the community

- Understanding major ideas, values, beliefs, and experiences that have shaped human history and cultures

**Course Contents**


References:


AC3 – II: Professional Ethics and Etiquettes (310249)

Professional ethics is the underlying concept behind the successful accomplishment of any act of a professional towards achieving the individual and societal goals. These goals should ultimately result in morally, legally, ethically and even culturally acceptable good things for all. Engineers being special group of professionals need to be more conscious of their acts since their duties, rights and responsibilities permeate into the society and the surroundings. To practice professional ethics, understanding of values and concepts are essential.
Course Objectives:

- To create awareness on professional ethics and Human Values.
- To provide basic familiarity about Engineers as responsible Experimenters, Research Ethics, Codes of Ethics, Industrial Standards.
- To inculcate knowledge and exposure on Safety and Risk.
- To expose students to right attitudinal and behavioral aspects

Course Contents:

1. Human Values And Engineering Ethics: Morals, values and Ethics, Integrity, Work ethic, Civic virtue, Valuing time, Cooperation, Commitment, Empathy, Self-confidence, stress management, Senses of Engineering Ethics, Kohlberg’s theory, Gilligan’s theory, Models of professional roles, Uses of Ethical Theories.

2. Research Ethics and Codes of Ethics: Industrial standardization, ethical code and its importance, ethical accountability, law in engineering, engineering as social experimentation.


4. Professional Etiquette: Etiquette at Meetings, Public Relations Office (PRO)’s Etiquettes, Technology Etiquette, Phone Etiquette, Email Etiquette, Social Media Etiquette, Video Conferencing Etiquette, Interview Etiquette, Dressing Etiquettes: for Interview, offices and social functions, Ethical Values: Importance of Work Ethics.

Value Education (202054)

Course Objectives:

- To enable the students to understand meaning of values and select their goals by self-investigation based on personal values.
- To enable the students to understand value of truth, commitments, honesty, sacrifice, care, unity, team work and relationship.
- To educate and make the young generation students aware of their social responsibilities.
- To increase awareness among students about environment and create attitude towards sustainable lifestyle.

Course Outcomes:

On completion of the course, learner will be able to—

- Understood human values, their significance and role in life.
- Promote self-reflection and critical inquiry that foster critical thinking of one’s value and the values of others.
- Practice respect for human rights and democratic principles.
Familiarized with various living and non-living organisms and their interaction with environment.

Understood the basics regarding the leadership and to become a conscious professional

Course Contents

UNIT 1: Introduction of Value Education (2 Hrs)

Value Education: Definition, Need, Content, Process and relevance to present day. Concept of Human Values, self introspection

UNIT 2: Salient values for life (2 Hrs)

Truth, commitment, honesty and integrity, forgiveness and love, empathy and ability to sacrifice, care, unity, punctuality, Interpersonal and Intra personal relationship, Team work , Positive and creative thinking.

UNIT 3: Human Rights (2 Hrs)


UNIT 4: Environment and Ecology (2 Hrs)


UNIT 5: Social values & Ethical values (2 Hrs)

Social values - Social consciousness and responsibility, Consumer rights and responsibilities.

Ethical values - Professional ethics, Code of ethics of engineers, Influence of ethics on family life, Leadership qualities and Personality development.

Books:


References: