

1/4 B.Tech. SECOND SEMESTER

EM2T1

PROFESSIONAL ETHICS

Credits: 2

Lecture: 2 periods/week

Internal assessment: 30 marks

Tutorial: --

Semester end examination: 70 marks

Course Objectives

- To Identify and describe relevant theoretical concepts related to a profession.
- To gather evidence that can be used to support a claim or conclusion.
- To synthesize evidence from different sources and develop a conclusion that is both personal and informed by the sources.
- To engage with the peers in a public discourse on ethical challenges.
- To manage differing opinions on complex ethical scenario.
- To use a technology platform as a part of learning environment.

Learning outcomes

- An insight into the importance of professional ethics and types of ethics
- Insists the role of code in regulating engineers to follow ethics.
- Realize the social responsibility of engineers.
- Provides awareness about the usage of technology and privacy on par with the ethics.
- To realize the responsibility to keep the environment pollution free.
- Convinces students to imbibe primary qualifications of human being.
- Get knowledge about do's and don'ts in a profession.
- A way to achieve moral autonomy in the workplace.

UNIT I

What is profession – engineering and professionalism

Two models of professionalism

What is ethics – nature of ethics – objectives of ethics – three types of ethics - ethics and morality – ethics and values – why professional ethics- professional ethics – professional relationship code of ethics and professional conduct-collective responsibility

UNIT

II

Human values, values and ethics, integrity , work ethics , service learning, civic virtue , respect for others, living peacefully, carving and sharing , honesty, courage valuing time, cooperation commitment, empathy, self confidence, spirituality, character.

UNIT

III

Engineering ethics – variety of moral issues- types of enquiry – moral dilemmas- moral autonomy –the problems of many hands, Kohlberg's theory, Gilligan's theory – implements to responsible action.

UNIT IV

Factors causing unethical behavior factors facilitating ethical behavior code of ethics- types of values – ethical value system – ethics and value maximization –ethical leadership – significance culture And value.

UNIT V

Value crisis in contemporary society, value crisis in management – engineering as a profession – engineering and ethics – rapid industrialization –its effects code of professional ethics – value spectrum of good life.

Books :

1. Business ethics – Daniel Alnuqu Ereghe oxford
2. Business ethics and Indian value system-----Anand Singh Himalaya publication
3. Values and ethics in business profession Samitha Manna, Suparna Chakranorthy
4. PSR Murthy “Indian culture values and professional ethics” – BS publications
5. Mike Martin and Roland Schiezinger
6. Ethics in Engg. Mc Graw Hill
7. George Reynolds – Ethics in information technology Cengage learning
8. Personality development and soft skills – Barun K Mithra –Oxford