

PROFESSIONAL ETHICS

MODULE-I

Introduction to Ethics: 1.1 Basic terms- Moral, Ethics, Ethical dilemma, Emotional intelligence
Moral development theories of Kohlberg and Piaget 1.3 View on ethics by Aristotle 1.4
Governing factors of an individual's value system 1.5 Personal and professional ethics

MODULE-II

Profession and Professionalism: 2.1 Clarification of the concepts: Profession, Professional, Professionalism, Professional accountability, Professional risks, Profession and Craftsmanship, Conflict of interest 2.2 Distinguishing features of a professional 2.3 Role and responsibilities of professionals 2.4 Professionals' duties towards the organization and vice-a-versa 3 Ethical Theories: 3.1 Various ethical theories and their application- Consequentialism, Deontology, Virtue theory, Rights Theory, Casuist theory 3.2 Ethical terms: Moral absolutism, Moral Relativism, Moral Pluralism etc. 3.3 Resolving Ethical Dilemma

MODULE-III

Ethics in Engineering: 4.1 Purpose and concept of Engineering Ethics 4.2 Engineering as social experimentation 4.3 Types of inquiry 4.4 Issues in engineering ethics 5 Engineers' Responsibility and Safety: 5.1 Safety, Risk, Underestimating the risk, Over estimating the risk, Risk-benefit analysis 5.2 Causes of an accident and identification of the preventive measures to be taken 5.3 Case Studies

MODULE-IV

Global Ethical Issues: 6.1 Different ethical issues in business, environment, IT, Bioethics, Intellectual Property Rights (IPR), Research, Media, CSR etc. 7 Ethical Codes: 7.1 Meaning and the significance of ethical codes 7.2 The limitations of ethical codes.

Text BOOK :S FOR REFERENCE:

1. R. Subramanian, "Professional Ethics", Oxford University Press, New Delhi, 2013

Reference:

1. Mike W. Martin and Roland Schinzinger, "Ethics in Engineering", Tata McGraw Hill, New Delhi, 2013
2. Charles E Harris, Michael S Pritchard and Michael J Rabins, "Engineering Ethics – Concepts and Cases", Thompson Learning, 2003.
3. Daniel Albuquerque, "Business Ethics", Oxford University Press, New Delhi, 2013
4. Edmund G. Seebauer and Robert L. Barry, "Fundamentals of Ethics", Oxford University Press, New Delhi, 2012.