



R.M.D.ENGINEERING COLLEGE
(An Autonomous Institution)



ACADEMIC YEAR 2021-2022

1.3.1 – (10)

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

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Anna University, has integrated crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum: Environmental Science and Engineering in II Year, Human values as a part of Professional Ethics in Engineering in III year or IV Year. AICTE has mandated a programme on Human Values for the first year students as a part of the induction programme.

Professional Ethics

The topics covered under Professional Ethics are:

ENGINEERING ETHICS: Senses of Engineering Ethics, Consensus and Controversy, Models of professional roles, Uses of Ethical Theories.

ENGINEERING AS SOCIAL EXPERIMENTATION: Engineering as Experimentation, Engineers as responsible Experimenters, Codes of Ethics, A Balanced Outlook on Law.

SAFETY, RESPONSIBILITIES AND RIGHTS:

Safety and Risk,

Assessment of Safety and Risk, Respect for Authority, Confidentiality, Conflicts of Interest, Professional Rights, Employee Rights, Intellectual Property Rights (IPR).

GLOBAL ISSUES: Multinational Corporations, Environmental Ethics, Computer Ethics, Engineers as Managers, Moral Leadership, Code of Conduct, Corporate Social Responsibility.

Human Values:

Topics covered in Universal Human values are:

Morals, values and Ethics, Integrity

Work ethic, Service learning, Civic virtue

Respect for others, Living peacefully, Caring, Sharing –

Honesty, Courage, Valuing time

Cooperation, Commitment, Empathy.

Self-confidence, Character, Spirituality

Introduction to Yoga and meditation for professional excellence and stress management.

Environment and Sustainability

The topics covered under environmental Science and Engineering are:

Environment, Ecosystems And Biodiversity environmental pollution: Study the nature and facts about environment.

Natural Resources: Use and over-exploitation, deforestation Find and implement scientific, technological, economic and political solutions to environmental problems.

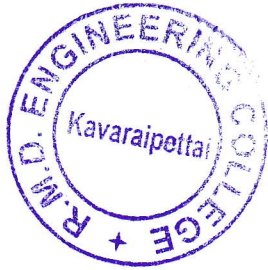
Social Issues And The Environment: Study the interrelationship between living organism and environment.

Human Population And The Environment: Study the integrated themes and biodiversity, natural resources, pollution control and waste management.

Gender

RMDEC believes in maintaining healthy environment for all its students and ensures gender equality in admissions, employment, training, sports and all other activities. All committees/cells have been constituted as per statutory requirement of UGC/AICTE/University.

Women Empowerment Cell: Women Empowerment Cell was constituted on 01-07-2014 as mandated by Anna University regarding the security arrangement for Girl students and Women Staff in the College campus. The members of the cell are all women, consisting of a coordinator, two faculty and one girl student from each department. Regular review meetings are conducted. Various programmes were organized by the cell.



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19/10/21

Principal

PRINCIPAL
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