



CBCS

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY
Foundation Course – Human Values and Ethics
BA /B.Com – I Semester; BSc- II Semester
(02 credits per week)

- Unit – I Ethics and Human Interface: Concept, determinants and consequences of Ethics in human actions; dimensions of ethics; ethics in private and public relationships. Human Values –Concept and role of family, society and educational institutions in inculcating values; lessons from the lives and teachings of great leaders, reformers and administrators.
- Unit- II Family values - Components, structure and responsibilities of family - Neutralization of anger - Adjustability - Threats of family life - Status of women in family and society - Caring for needy and elderly - Time allotment for sharing ideas and concerns
- Unit- III Salient values for life- Truth, commitment, honesty, and integrity, forgiveness and love, empathy and ability to sacrifice, care, unity , and inclusiveness, Self esteem and self-confidence, punctuality – Time, task and resource management– Problem solving and decision making skills- Interpersonal and Intra personal relationship – Team work – Positive and creative thinking
- Unit- IV Ethics in professions- legal, medicine and teaching and public sector; personal, team and Organizational Effectiveness; Role of media in developing values and ethics; Environmental Ethics; Ethics in student life.

References:

General Studies – IV – Catapult Series, Lexis Nexis

Chakravarthy, S.K. : Values and ethics for Organizations: Theory and Practice, Oxford University Press, New Delhi , 1999.

Satchidananda, M.K.: Ethics, Education, Indian Unity and Culture, Ajantha Publications, Delhi, 1991

Das, M.S. & Gupta, V.K. : Social Values among Young adults: A changing Scenario, M.D. Publications, New Delhi, 1995



CBCS

Environmental Science (UG level)

Ability Enhancement Course: **Environmental Science**
(Credits: Theory-2)
Theory Lectures:30

Unit-1: Environment and Pollution.

Definition and scope of Environmental Science . Structure, function and Types of ecosystems. Energy flow in the ecosystem, Ecological succession, Food chains, food webs and ecological pyramids. Air, Water, Soil and Noise pollution. Control measures of pollution.

Unit-2: Nature conservation and Environmental management.

Natural resources: Forest, Water Mineral and Food resources. Energy resources: Renewable and non renewable energy sources. Conservation of natural resources. Urban & industrial waste and watershed management.

Unit-3: Energy and Remote Sensing.

Sources of energy: Fossil Fuels, Bio-energy, Nuclear energy, Wind energy, Hydroelectricity, Geothermal, Hydrothermal energy and Solar Energy. Application of remote sensing in environmental studies. Land use, land cover. Wastelands and forest fires.

Unit-4: EIA and Environmental protection.

Concepts and objectives of EIA. EIS and Environmental inventory. National Environmental Policy Act and EIA guidelines-1994. Climate change, global warming, acid rain and ozone layer depletion. Air, Water, Wildlife and Environmental Protection Act. Social forestry.

Suggested Readings.

1. Odum, E.P. (2005). Fundamentals of ecology. Cengage Learning India Pvt. Ltd., New Delhi. 5th edition.
2. Singh, J.S., Singh, S.P., Gupta, S. (2006). Ecology Environment and Resource Conservation. Anamaya Publications, New Delhi, India.
3. Sharma, P.D. (2010). Ecology and Environment. Rastogi Publications, Meerut, India. 8th edition.
4. Wilkinson, D.M. (2007). Fundamental Processes in Ecology: An Earth Systems Approach. Oxford University Press. U.S.A.
5. Kormondy, E.J. (1996). Concepts of ecology. PHI Learning Pvt. Ltd., Delhi, India. 4th edition.