

ENVIRONMENTAL STUDIES AND VALUE EDUCATION

Programme: Undergraduation (UG)		Year: 1 st	Semester: 1
Subject: Value added course	Course Title: Environmental Studies and Value Education		Course Code: VAC-1
Credit : 2	Credit Distribution (Lectures-Tutorials-Practical): 2-0-0		
Max. Marks: As per University Rules		Min. Passing Marks: As per University Rules	

Course Outcomes:

1. Understanding of basic concepts of ecology, ecosystem, environment and biodiversity conservation.
2. Acquaintance with the environmental pollution, sustainable development and natural hazards.
3. Understanding the concept of environmental impact assessment (EIA), Air Quality Index (AQI).
4. Understanding the role of individuals in environmental protection, human values and ethics, professional ethics corporate social responsibility value-based institutions/organization.

Unit	Topic	No. of lectures
Unit I	Renewable and Nonrenewable Natural resources. Ecosystem: concept, structure & functions of ecosystem: producer, consumer, decomposer, food chain, energy flow, Ecological pyramids, Conservation of Biodiversity- In-situ & Ex- situ conservation of biodiversity.	07
Unit II	Environmental pollution, Role of individual in Pollution control, Social Issues and Environment, Sustainable Development, Global warming & climate change, Natural hazards, Environment Protection Act 1986	08
Unit III	National Green Tribunal (NGT), Air Quality Index (AQI), Importance of Indian Traditional Knowledge (ITK) on environment, Environmental Impact Assessment (EIA)	07
Unit IV	Human Values- Introduction- Values, Characteristics, Types, Developing Value system in Indian Organization, Professional ethics, Swami Vivekananda's philosophy of character building, Gandhi's concept of seven sins, A.P.J. Abdul Kalam view on role of parents and teachers. Corporate Social Responsibility (CSR): concept, types and models of CSR Holistic Approach in Decision making- Decision making, the decision-making process, The Bhagavad Gita: dharma and holistic management.	08