



# S.G.GOV.T.DEGREE COLLEGE

(Affiliated to Sri Venkateswara University, Tirupati)  
Piler, Annamayya Dist. A.P.



## CRITERIA - I

### 1.3.1. Cross Cutting Issues

**1. Human Values and Professional Ethics**

**2. Environmental Studies**

  
PRINCIPAL  
S.G. Govt. Degree College  
Piler, Chittoor(Dt)

**FOUNDATION COURSE - 1****I. HUMAN VALUES AND PROFESSIONAL ETHICS****W.E.F. 2016-17****I SEMESTER**

(Total 30 Hrs)

**Unit-I : Introduction to Value Education**

1. Value Education, Definition, Concept and Need for Value Education
2. The Content and Process of Value Education
3. Self-Exploration as a means of Value Education
4. Happiness and Prosperity as parts of Value Education

**Unit-II : Harmony in the Human Being**

1. Human Being is more than just the Body
2. Harmony of the Self ('I') with the Body
3. Understanding Myself as Co-existence of the Self and the Body
4. Understanding Needs of the Self and the Needs of the Body

**Unit-III : Harmony in the Family and Society and Harmony in the Nature**

1. Family as a basic unit of Human Interaction and Values in Relationships
2. The Basics for respect and today's Crisis : Affection, Care, Guidance, Reverence, Glory, Gratitude and Love
3. Comprehensive Human Goal : The Five dimensions of Human Endeavour

**Unit-IV : Social Ethics**

1. The Basics for Ethical Human conduct
2. Defects in Ethical Human Conduct
3. Holistic Alternative and Universal order
4. Universal Human Order and Ethical Conduct

**Unit-V : Professional Ethics**

1. Value Based Life and Profession
2. Professional Ethics and Right Understanding
3. Competence in Professional Ethics

4. Issues in Professional Ethics – The Current scenario
5. Vision for Holistic Technologies, Production System and Management Models

### **Reference Books :**

1. A.N.Tripaty, Human Values, New Age International Publishers, 2003
2. Bajpai.B.L., Indian Ethos and Modern Management, New Royal Book Co., Lucknow, Reprinted, 2004
3. Bertrand Russell, Human Society in Ethics and Politics
4. Corliss Lamont, Philosophy of Humanism
5. Gaur.R.R., Sangal.R, Bagaria.G.P., A Foundation Course in Value Education, Excel Books, 2009
6. Gaur.R.R., Sangal.R, Bagaria.G.P., Teacher's Manual, Excel Books, 2009
7. I.C.Sharma, Ethical Philosophy of India, Nagin & Co., Julundhar
8. Mortimer.J.Adler, What Man has Made of Man
9. R.Subramanian, Professional Ethics, Oxford University Press
10. Text Book for Intermediate Ethics and Human Values, Board of Intermediate Education & Telugu Academy, Hyderabad
11. William Lilly, Introduction to Ethics, Allied Publishers

**HUMAN VALUES AND PROFESSIONAL ETHICS (HYPE)**  
Revised Syllabus Under CBCS W.E.F. 2020-21

**I SEMESTER (SYLLABUS)**

**Learning Outcome:**

On completion of this course, the UG students will be able to

- ✓ Understand the significance of value inputs in a classroom and start applying them in their life and profession
- ✓ Distinguish between values and skills, happiness and accumulation of physical facilities, the Self and the Body, Intention and Competence of an individual, etc.
- ✓ Understand the value of harmonious relationship based on trust and respect in their life and profession
- ✓ Understand the role of a human being in ensuring harmony in society and nature.
- ✓ Distinguish between ethical and unethical practices, and start working out the strategy to actualize a harmonious environment wherever they work.

**UNIT: 1 Introduction – Definition, Importance, Process & Classifications of Value Education**

- ❖ Understanding the need, basic guidelines, content and process for Value Education
- ❖ Understanding the thought provoking issues: need for Values in our daily life
- ❖ Choices making – Choosing, Cherishing & Acting
- ❖ Classification of Value Education: understanding Personal Values, Social Values, Moral Values & Spiritual Values.

**UNIT: 2 Harmony in the Family – Understanding Values in Human Relationships**

- ✓ Understanding harmony in the Family- the basic unit of human interaction
- ✓ Understanding the set of proposals to verify the Harmony in the Family:
- ✓ Trust (*Vishwas*) and Respect (*Samman*) as the foundational values of relationship
- ✓ Present Scenario: Differentiation (Disrespect) in relationships on the basis of body, physical facilities, or beliefs.
- ✓ Understanding the Problems faced due to differentiation in Relationships
- ✓ Understanding the harmony in the society (society being an extension of family): *Samadhan*, *Samridhi*, *Abhaya*, *Sah-astinva* as comprehensive Human Goals
- ✓ Visualizing a universal harmonious order in society- Undivided Society (*AkhindSamaj*), Universal Order (*SarvabhaumVyanvusthu*)- from family to world family.

**UNIT: 3 Professional Ethics in Education**

- ✓ Understanding about Professional Integrity, Respect & Equality, Privacy, Building Trusting Relationships.
- ✓ Understanding the concepts: Positive co-operation, Respecting the competence of other professions.
- ✓ Understanding about Taking initiative and Promoting the culture of openness.
- ✓ Depicting Loyalty towards Goals and objectives.

Approved by  
G.D. Jyothi &  
(Dr. G.D. Jyotheeswari Devi)

# ENVIRONMENTAL STUDIES

## I SEMESTER – W.E.F. 2016-17

(Total 30 Hours)

**6 Hrs****Unit-I : Natural Resources:**

Definition, scope and importance. Need for public awareness.

Brief description of;

- Forest resources: Use and over-exploitation. Deforestation; timber extraction, mining, dams. Effect of deforestation environment and tribal people
- Water resources: Use and over-utilization. Effects of over utilisation of surface and ground water. Floods, drought.
- Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
- Food resources: World food problems, Effects of modern agriculture; fertilizer- pesticide, salinity problems.
- Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.
- Land resources: Land as resources, land degradation, man induced landslides, soil erosion and desertification

**Unit-II : Ecosystems, Biodiversity and its conservation****6 Hrs**

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Food chains, food webs and ecological pyramids
- Characteristic features of the following ecosystems:-  
Forest ecosystem, Desert ecosystem, Aquatic ecosystem.
- Value of biodiversity: Consumptive use, productive use. Biodiversity in India.
- Threats to biodiversity: habitat loss, poaching of wildlife, man wildlife conflicts.
- Endangered and endemic species of India
- Conservation of biodiversity

**Unit-III : Environmental Pollution**

- Definition
- Causes, effects and control measures of :-
  - a. Air pollution
  - b. Water pollution
  - c. Soil pollution
  - d. Noise pollution
- Solid waste management; Measures for safe urban and industrial waste disposal
- Role of individual in prevention of pollution
- Disaster management: Drought, floods and cyclones

6 Hrs

**Unit-IV : Social Issues and the Environment**

- From Unsustainable to Sustainable development
- Water conservation, rain water harvesting, watershed management.
- Climate change, global warming, ozone layer depletion,
- Environment protection Act
- Wildlife Protection Act, Forest Conservation Act

6 Hrs

**Unit-V : Human Population and the Environment**

- Population explosion, impact on environment.
- Family welfare Programme
- Environment and human health
- Women and Child Welfare
- Value Education
- Role of Information Technology in Environment and human health.

**Reference Books :**

1. Environmental Studies by Dr.M.Satyanarayana, Dr.M.V.R.K. Narasimhacharyulu, Dr.G. Rambabu and Dr.V.VivekaVardhani, Published by Telugu Academy, Hyderabad.
2. Environmental Studies by R.C.Sharma, Gurbir Sangha, published by Kalyani Publishers.
3. Environmental Studies by Purnima Smarath, published by Kalyani Publishers.

# ENVIRONMENTAL STUDIES

## I - SEMESTER 2017 - 18

(Total 30 Hours)

6 Hrs

### Unit - I : Natural Resources :

- Definition, scope and importance. Need for public awareness:
- Forest resources: Uses and over-exploitation. Deforestation, mining and construction of dams.
  - Water resources: Uses and over-utilization. Effects of over utilization of surface and ground (sub- surface) water.
  - Mineral resources: Uses and exploitation, environmental effects of extraction and use of mineral resources.
  - Food resources: World food problems, Effects of modern agriculture: by using fertilizers and pesticides.
  - Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.

6 Hrs

### Unit - II : Ecosystems and Biodiversity

- Concept of an ecosystem
- Structure and functions of an ecosystem
- Producers, consumers and decomposers
- Food chain, food webs and ecological pyramids
- Characteristic features of the following ecosystems  
Forest ecosystems, Desert ecosystem, Aquatic ecosystems.
- Value of biodiversity: Consumptive use and productive use.

6 Hrs

### Unit - III: Environmental Pollution

- Definition
- Causes, effects and control measures for
  - Air pollution
  - Water pollution
  - Soil pollution
  - Noise pollution
- Role of individual in prevention of pollution

### Unit - IV: Social Issues and the Environment

6 Hrs

- Water conservation, rain water harvesting and watershed management.
- Global warming and Ozone layer depletion.
- Environmental protection Act

(P T O)

6 Hrs

**Unit - V: Human Population and the Environment**

- a. Population explosion and its impact on environment.
- b. Environmental and human health
- c. Women and Child Welfare
- d. Role of Information Technology in Environmental and human health.

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