

## **C. Abdul Hakeem College (Autonomous), Melvisharam.**

Syllabus for all UG Courses effective from the year 2015-2016

Year: I Year Subject Code : U15CES101 Semester : I

Environmental Studies Title: **Environmental Studies**

Credits: 2 Max. Marks. 40.

### **UNIT-I: INTRODUCTION TO ENVIRONMENTAL SCIENCES: NATURAL RESOURCES :**

Environmental Sciences - Relevance - Significance - Public awareness - Forest resources - Water resources - Mineral resources - Food resources - conflicts over resource sharing - Exploitation - Land use pattern - Environmental impact - fertilizer - Pesticide Problems - case studies.

### **UNIT-II: ECOSYSTEM, BIODIVERSITY AND ITS CONSERVATION:**

Ecosystem - concept - structure and function - producers, consumers and decomposers - Food chain - Food web - Ecological pyramids - Energy flow - Forest, Grassland, desert and aquatic ecosystem.

Biodiversity - Definition - genetic, species and ecosystem diversity - Values and uses of biodiversity - biodiversity at global, national (India) and local levels - Hotspots, threats to biodiversity - conservation of biodiversity - Insitu & Exsitu.

### **UNIT-III: ENVIRONMENTAL POLLUTION AND MANAGEMENT**

Environmental Pollution - Causes - Effects and control measures of Air, Water, Marine, soil, solid waste, Thermal, Nuclear pollution and Disaster Management - Floods, Earth quake, Cyclone and Landslides. Role of individuals in prevention of pollution - pollution case studies.

### **UNIT-IV: SOCIAL ISSUES - HUMAN POPULATION**

Urban issues - Energy - water conservation - Environmental Ethics - Global warming - Resettlement and Rehabilitation issues - Environmental legislations - Environmental production Act. 1986 - Air, Water, Wildlife and forest conservation Act - Population growth and Explosion - Human rights and Value Education - Environmental Health - HIV/AIDS - Role of IT in Environment and Human Health - Women and child welfare - Public awareness - Case studies.

### **UNIT-V: FIELD WORK**

Visit to a local area / local polluted site / local simple ecosystem - Report submission

### **REFERENCES**

1. KUMARASAMY, K., A.ALAGAPPA MOSES AND M.VASANTHY, 2004. ENVIRONMENTAL STUDIES, BHARATHIDSAN UNIVERSITY PUB, 1, TRICHY
2. RAJAMANNAR, 2004, ENVIRONEMNTAL STUDIES, EVR COLLEGE PUB, TRICHY
3. KALAVATHY,S. (ED.) 2004, ENVIRONMENTAL STUDIES, BISHOP HEBER COLLEGE PUB., TRICHY

## **C. Abdul Hakeem College (Autonomous), Melvisharam.**

Syllabus for all UG Courses effective from the year 2015-2016

Year:	I Year	Subject Code :	U15CSS101	Semester :	II
Soft Skill	Title:	<b>Soft Skill</b>			
Credits:	2			Max. Marks.	40.

### **PART-IV**

LINGUISTIC COMMUNICATION  
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#### **UNIT I**

1. Ability to listen and document what you have heard
2. Reading and comprehension

#### **UNIT II**

3. Ability to read and follow instructions
4. Ability to interpret and transcode information

#### **UNIT III**

5. Asking for and responding to information
6. Communication skills with public, fellow employees, Supervisors and customers

#### **UNIT IV**

7. Spelling and Grammar
8. Ability to fill out a job application

#### **UNIT V**

9. Expressing courtesy
10. Communicate through eye contact

## **C. Abdul Hakeem College (Autonomous), Melvisharam.**

Syllabus for all UG Courses effective from the year 2015-2016

Year: I Year Subject Code : U15CVE201 Semester : II

Value Education Title: **Value Education**

Credits: 2 Max. Marks. 50.

### UNIT-I

Value Education - Definition - relevance to present day - Concept of Human Values - self introspection - Self esteem.

### 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

Ethical values - Professional ethics - Mass media ethics - Advertising ethics - Influence of ethics on family life - psychology of children and youth - Leadership qualities - Personality development.

### UNIT-IV

Social values - Faith, service and secularism - Social sense and commitment - Students and Politics - Social awareness, Consumer awareness, Consumer rights and responsibilities - Redressal mechanisms.

### UNIT-V

Effect of international affairs on values of life/ Issue of Globalization - Modern warfare - Terrorism. Environmental issues - mutual respect of different cultures, religions and their beliefs.

### Reference Books

1. T. Anchukandam and J. Kuttainimathathil (Ed) Grow Free Live Free, Krisitu Jyoti Publications, Bangalore (1995)
2. Mani Jacob (Ed) Resource Book for Value Education, Institute for Value Education, New Delhi 2002.
3. DBNI, NCERT, SCERT, Dharma Bharti National Institute of Peace and Value Education, Secunderabad, 2002.
4. Daniel and Selvamony - Value Education Today, (Madras Christian College, Tambaram and ALACHE, New Delhi, 1990)
5. S. Ignacimuthu - Values for Life - Better Yourself Books, Mumbai, 1991.
6. M.M.M.Mascaronhas Centre for Research Education Science and Training for Family Life Promotion - Family Life Education, Bangalore, 1993.