

Minutes of the meeting of Board of studies in Environmental Studies for the
Autonomous courses of AG & SG Siddhartha Degree College of Arts &
Science, Vuyyuru, held at 10.30 A.M on 29-11-2021 in the

Department of ENVIRONMENTAL STUDIES

Sri R.V. Sivarao *Presiding*

Members Present:

1)..... *R.V. Sivarao* Chairman Head, Department of Environmental Studies
(Sri.R.V. Sivarao) AG & SG S Degree College of Arts & Science
Vuyyuru-521165

2)..... *B. P. Rao* University Dept of Environmental Science
(Dr.P.Brahmaji Rao) Nominee Acharya Nagarjuna University
Guntur

3)..... *K. Lakshmi* Subject Expert Dept of Zoology
(Dr.K.Lakshmi) S.D.M.Siddhartha Mahila Kalasala
Vijyawada.

4)..... *V. Sailaja* Subject Expert Lecturer in Zoology
(V.Sailaja) KTR Women's College
Gudiwada

Agenda for B.O.S Meeting

1. To recommend the syllabi for III, semester of 2nd Degree IInd year B.A, B.Com B.Sc , Environmental Education Paper Under CBCS for the Academic year 2021-2022
2. To recommend the Teaching and Evaluation Methods to be followed under Autonomous Status.
3. Any other matter.

RESOLUTIONS

1). Discussed and Recommended The Syllabi, Model Question Papers Under CBCS and Guidelines to be followed by the Question paper Setters of III Semester of II degree B.A,B.Com , B.Sc for the Approval of the Academic Council (enclosed) for the Academic year 2021– 2022.

2). Discussed and Recommended the Teaching and evaluation methods for approval of Academic Council.

A) Teaching methods:

Besides the conventional methods of teaching, it is also resolved to use various other methods like Group discussions, Quiz, for the better understanding of the contents.

B) Evaluation of a student is done by the following procedure:

a) There is no Internal Assessment Examinations.

b) Semester-End Examinations:

i) The maximum marks for Semester-End examinations shall be 50 and duration of the examination shall be 2 Hours.

ii) Semester-End examinations shall be conducted at the end of III semester.

3) Resolved to authorize the Chairman of Board of Studies to suggest the Panel of Paper setters and Examiners to the Controller of Examinations as per the requirement.

R.V. Sivadas
Chairman



A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE

Vuyyuru-521165.

NAAC reaccredited at 'A' level

Autonomous -ISO 9001 - 2015 Certified

TITLE OF THE PAPER: **ENVIRONMENTAL EDUCATION**

Semester: III

Course Code	LSCT01	Course Delivery Method	Class Room / Blended Mode - Both
Credits	2	CIA Marks	-
No. of Lecture Hours / Week	2	Semester End Exam Marks	50
Total Number of Lecture Hours	30	Total Marks	50
Year of Introduction:	Year of Offering: 2021 - 22	Year of Revision: ----	Percentage of Revision: 0%
CLASS:	2 nd YEAR BA/B.Com/BSc Programmes		

Course objective:

A Generic Course intended to create awareness that the life of human beings is an integral part of environment and to inculcate the skills required to protect environment from all sides.

Learning outcomes: On completion of this course the students will be able to

1. Understand the nature, components of an ecosystem and that humans are an integral part of nature.
2. Realize the importance of environment, the goods and services of a healthy biodiversity, dependence of humans on environment.
3. Evaluate the ways and ill effects of destruction of environment, population explosion on ecosystems and global problems consequent to anthropogenic activities.
4. Discuss the laws/ acts made by government to prevent pollution, to protect biodiversity and environment as a whole.
5. Acquaint with international agreements and national movements, and realize citizen's role in protecting environment and nature.

ENVIRONMENTAL EDUCATION
Common for BA/B.Com/BSc Programmes

Semester – III

LSCT01

(Total 30 Hours)

Unit 1: Environment and Natural Resources

06 Hrs.

1. Multidisciplinary nature of environmental education; scope and importance. 2. Man as an integral product and part of the Nature. 3. A brief account of land, forest and water resources in India and their importance. 4. Biodiversity : Definition; importance of Biodiversity - ecological, consumptive, productive, social, ethical and moral, aesthetic, and option value. 5. Levels of Biodiversity: genetic, species and ecosystem diversity.

Unit-2: Environmental degradation and impacts

12Hrs

1. Human population growth and its impacts on environment; land use change, land degradation, soil erosion and desertification. 2. Use and over-exploitation of surface and ground water, construction of dams, floods, conflicts over water (within India). 3. Deforestation: Causes and effects due to expansion of agriculture, firewood, mining, forest fires and building of new habitats. 4. Non-renewable energy resources, their utilization and influences. 5. A brief account of air, water, soil and noise pollutions; Biological, industrial and solid wastes in urban areas. Human health and economic risks. 6. Green house effect - global warming; ocean acidification, ozone layer depletion, acid rains and impacts on human communities and agriculture. 7. Threats to biodiversity: Natural calamities, habitat destruction and fragmentation, over exploitation, hunting and poaching, introduction of exotic species, pollution, predator and pest control.

Unit 3: Conservation of Environment

12 Hrs

1. Concept of sustainability and sustainable development with judicious use of land, water and forest resources; afforestation. 2. Control measures for various types of pollution; use of renewable and alternate sources of energy. 3. Solid waste management: Control measures of urban and industrial waste. 4. Conservation of biodiversity: In-situ and ex-situ conservation of biodiversity. 5. Environment Laws: Environment Protection Act; Act; Wildlife Protection Act; Forest Conservation Act. 6. International agreements: Montreal and Kyoto protocols; Environmental movements: Bishnois of Rajasthan, Chipko, Silent valley.

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.

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SEMESTER –III

MODEL QUESTION PAPER

COURSE CODE – LSCT01

Common for BA/B.Com/BSc Programmes

PAPER TITLE: ENVIRONMENTAL EDUCATION

DURATION :2 HOURS

SECTION – A

Max:50

ANSWER ANY FOUR OF THE FOLLOWING QUESTIONS

(4x5=20M)

1. Discuss about the Environmental Education.
2. What is Bio-Diversity
3. Deforestation
4. What is Global warming.
5. What is Ozone Layer
6. Forest Resources
7. Explain about Environmental laws
8. Write about Chipko Movement.

SECTION – B

ANSWER ANY THREE OF THE FOLLOWING QUESTIONS

(3x10=30M)

9. Write an essay on Forest Resource?
10. Explain the Scope and importance of Environmental Studies
11. Give an account of Renewable Energy Resource?
12. Write an essay on Air Pollution?
13. What is Sustainable Development?
14. Give an Account on Environmental Acts?

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The guidelines to be followed by the question paper setters in **ENVIRONMENTAL EDUCATION** for the 3rd semester – end exams (2021-22)

Common for BA/B.Com/BSc Programmes

PAPER TITLE: ENVIRONMENTAL EDUCATION

PAPER-I, SEMESTER – III

MAX :50

DURATION :2 HOURS

Weightage for the question paper

Marks	UNIT-I	UNIT-II	UNIT-III
	Environment and Natural Resources	Environmental degradation and impacts	Conservation of Environment
5Marks	2	3	3
10Marks	2	2	2
Weight age	30	25	25

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU
(AUTONOMOUS)
(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VILAYAWADA)

(2021-22)

Syllabus for I- B.A, B.com, B.com computers B.SC MPC, MPCS,

COURSES SEMESTER-II

Course Code: LSCT06

No. of Hours per Week: 2

No. of Credits: 2

Max. Marks: 50

External: 40

Internal: 10

HUMAN VALUES AND PROFESSIONAL ETHICS (HVPE)

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.

Course Objectives :

01. Understanding Value Education, its need in modern days, the basic human aspirations of happiness and prosperity. PO1
02. Understanding harmony in the family and society PO6
03. Gaining competence in Professional Ethics. PO4

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*, *Abhay*, *Sah-astitva* as comprehensive Human Goals
- ✓ Visualizing a universal harmonious order in society- Undivided Society (*AkhandSamaj*), Universal Order (*SarvabhaumVyavastha*)- from family to world



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.

Resolutions:

It is resolved to introduce new syllabus HVPE as life skills course to the students of all programmes BA, BSC, BCOM, who are admitted in the academic year 2020-2021 and onwards.

Text Books:

R R Gaur, R Sangal, G P Bagaria, 2009, A Foundation Course in Human Values and Professional Ethics.

Bhatia. R. & Bhatia, A (2015) Role of Ethical Values in Indian Higher Education

References:

- Ivan Illich, 1974, Energy & Equity, The Trinity Press, Worcester, and Harper Collins, U
- E.F. Schumacher, 1973, Small is Beautiful: a study of economics as if people mattered, Blond & Briggs, Britain.
- Sussan George, 1976, How the Other Half Dies, Penguin Press. Reprinted 1986, 1991
- Donella H. Meadows, Dennis L. Meadows, Jorgen Randers, William W. Behrens III, 1972, Limits to Growth – Club of Rome’s report, Universe Books.
- A Nagraj, 1998, Jeevan Vidya EkParichay, Divya Path Sansthan, Amarkantak.
- P L Dhar, RR Gaur, 1990, Science and Humanism, Commonwealth Publishers.
- A N Tripathy, 2003, Human Values, New Age International Publishers.

Mode of Evaluation:

Assignment/ Seminar/Continuous Assessment Test/Semester End Exam.

Co curricular Activities:

1. Visit to an Old Age Home and spending with the inmates for a day.
2. Conduct of Group Discussions on the topics related to the syllabus.
3. Participation in community service activities.
4. Working with a NGO like Rotary Club or Lions International, etc.

MODEL QUESTION PAPER
Title : Human Values and Professional Ethics

COURSE CODE: LSCT06

SEMESTER-II

Max. Marks: 40

Time: 2 hours

Section – A

I. Answer any **TWO** of the following questions

2x5=10 Marks

1. What are the basic guidelines for Value Education? CO1, L1
2. What are human values? What is their significance? CO2, L2
3. What do you mean by professional ethics? Explain. CO2, L2
4. What are the values in human relationship? CO3, L1

SECTION – B

II. Answer any **THREE** of the following questions.

3x10=30 Marks

5. What is the need for value education in the present day professional oriented education? CO1
L4
6. What are the basic requirements to fulfill human aspirations of happiness and prosperity? CO1
L2
7. "Family is a natural laboratory to understand human relationships." Explain. CO3 L2
8. What do you mean by understanding values in human relationships? CO3 L3
9. What is the need and importance of professional ethics? CO2 L4
10. "If a country is to be free of corruption and a nation of beautiful minds, I strongly feel there are three key societal members who can make a difference. They are the father, the mother and the teacher"- A. P. J. Abdul Kalam. Discuss. CO4 L3
