

**ADUSUMILLI GOPALAKRISHNAIAH & SUGAR CANE  
GROWERS SIDDHARTHA DEGREE COLLEGE OF ARTS &  
SCIENCE, VUYYURU-521165, KRISHNA Dt., A.P.  
(AUTONOMOUS)**

**DEPARTMENT OF ENVIRONMENTAL STUDIES**

**2018-2019**



**BOARD OF STUDIES**

**Minutes of Meeting**

**23-04-2018**

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 23-04-2018 in the

Department of Environmental Studies

Sri R.V. Sivarao ..... *Presiding*

Members Present:

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

2) J.N. Lavanaya latha University Department of Bio-Technology  
(Dr.J.N. Lavanaya latha ) Nominee Krishna University  
Machilipatnam



### Agenda for B.O.S Meeting

1. To recommend the syllabi for I, semester of I Degree B.A, B.com B.SC , BBA and ZPC Environmental Studies Paper Under CBC System for the Academic year 2018-2019.
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 CBC System and Guidelines to be followed by the Question paper Setters of I Semester of I degree B.A,B.COM , B.SC BBA and Z,P.C for the Approval of the Academic Council (enclosed) for the Academic year 2018 – 2019.
- 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 I 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. Sivalu*  
Chairman

# ENVIRONMENTAL STUDIES

2018-19

Common for BA/B.Com/BSc Programmes COURSE CODE:

ENS101Semester – I(Total 30 Hours)

## 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

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

## 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

## 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 humanhealth.

## 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.

**AG&SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCES –AUTONOMOUS**

**VUYYURU-521165**

**SEMESTER –III**

**MODEL QUESTION PAPER**

**COURSE CODE – ENE-301**

**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. Environmental Education.
2. Bio-Diversity
3. Deforestation
4. Global warming.
5. Floods
6. Forest Resources
7. Environmental laws
8. 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?

# **ENTREPRENEURSHIP**

Syllabus, For all Degree Programmes.

**COURSE CODE: ENP403**

**Semester – IV**

(Total 30 Hrs)

**Unit-I: Entrepreneurship:** Entrepreneur Characteristics – Classification of Entrepreneurships – Incorporation of Business – Forms of Business organizations –Role of Entrepreneurship in economic development – Start-ups.

**Unit-II: Idea Generation and Opportunity Assessment:** Ideas in Entrepreneurships – Sources of New Ideas – Techniques for generating ideas – Opportunity Recognition – Steps in tapping opportunities.

**Unit-III: Project Formulation and Appraisal :** Preparation of Project Report –Content; Guidelines for Report preparation – Project Appraisal techniques –economic – Steps Analysis; Financial Analysis; Market Analysis; Technical Feasibility.

**Unit-iv: Institutions Supporting Small Business Enterprises:** Central level Institutions: NABARD; SIDBI, NIC, KVIC; SIDIO; NSIC Ltd; etc. – state level Institutions –DICs- SFC- SSIDC- Other financial assistance.

**Unit-V: Government Policy and Taxation Benefits:** Government Policy for SSIs- tax Incentives and Concessions –Non-tax Concessions – Rehabilitation and Investment Allowances.

Reference Books:

1. Arya Kumar, Entrepreneurship, Pearson, Delhi, 2012.
2. Poornima M.CH., Entrepreneurship Development –Small Business Enterprises, Pearson, Delhi,2009
3. Michael H. Morris, ET. al., Entrepreneurship and Innovation, Cen gage Learning, New Delhi, 2011
4. KanishkaBedi, Management and Entrepreneurship, Oxford University Press, Delhi, 2009
5. Anil Kumar, S., ET.al., Entrepreneurship Development, New Age International Publishers, New Delhi, 2011
6. Khanka, SS, Entrepreneurship Development, S. Chand, New Delhi.
7. Peter F. Drucker, Innovation and Entrepreneurship. 8. A.Sahay, M. S. Chhikara, New Vistas of Entrepreneurship: Challenges &Opportunities

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

**Paper code: HVPE101**

**SEMESTER -I**

**MODEL PAPER**

**HUMAN VALUES PROFESSIONAL ETHICS (HVPE)**

**LIFE SKILLS COURSES UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-21**

**DURATION: 2 HOURS**

**SECTION - A**

**Max:50**

**ANSWER ANY FOUR OF THE FOLLOWING QUESTIONS**

**(4x5=20M)**

1. Need for value education.
2. Process of value education.
3. Trust.
4. Samadhan .
5. Universal order.
6. Physical facilities.
7. Respect
8. Positive co-operation.

**SECTION - B**

**ANSWER ANY THREE OF THE FOLLOWING QUESTIONS**

**(3x10=30M)**

9. Explain the basic Guidelines for value education?
10. Explain the classification of value education?
11. Explain the Harmony in the family
12. Explain the problems faced due to differentiation in relation?
13. Write about locality towards goals and objectives?
14. Write about professional integrity?

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**(AUTONOMOUS)**  
(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

**SEMESTER -I**

**Paper code: HVPE101**

**GUIDLINES**  
**HUMAN VALUES PROFESSIONAL ETHICS (HVPE)**

**LIFE SKILLS COURSES UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-21**

<b>Marks</b>	<b>UNIT-I</b>	<b>UNIT-II</b>	<b>UNIT-III</b>
	<b>Value Education</b>	<b>Harmony</b>	<b>Professional Ethics in Education</b>
<b>5Marks</b>	<b>2</b>	<b>5</b>	<b>1</b>
<b>10Marks</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Weight age</b>	<b>30</b>	<b>45</b>	<b>25</b>