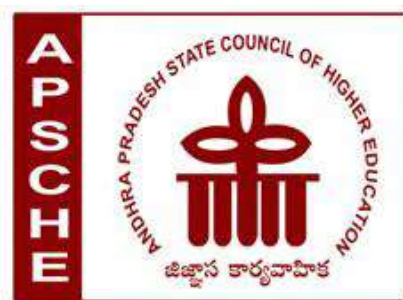


<b>1.3.1 Number of courses that include Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum during the year</b>				
<b>Program name</b>	<b>Program code</b>	<b>Name of the Course that include Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum</b>	<b>Course code</b>	<b>Year of offering</b>
BA(HEP)	1101-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
BA(OEP)	1102-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
B.Com (General)	1201-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
B.Com (Computers)	1202-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
B.Sc (M.P.C)	1301-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
B.Sc (B.Z.C)	1501-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
B.Sc (M.P.Cs)	1401-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
B.Sc (M.S.Cs)	1601-1S	Human Values and Professional Ethics	LSL1S-3K	2020-21
B.Sc (M.P.C)	1301-1S	Plant nursery	SDT1S-12K	2020-21
B.Sc (B.Z.C)	1501-1S	Plant nursery	SDT1S-12K	2020-21
B.Sc (M.P.Cs)	1401-1S	Plant nursery	SDT1S-12K	2020-21
B.Sc (M.S.Cs)	1601-1S	Plant nursery	SDT1S-12K	2020-21
B.Sc (M.P.C)	1301-2S	Food Adulteration	SDT2S-12K	2020-21
B.Sc (B.Z.C)	1501-2S	Food Adulteration	SDT2S-12K	2020-21
B.Sc (M.P.Cs)	1401-2S	Food Adulteration	SDT2S-12K	2020-21
B.Sc (M.S.Cs)	1601-2S	Food Adulteration	SDT2S-12K	2020-21
BA(HEP)	1101-2S	Food Adulteration	SDT2S-12K	2020-21
BA(OEP)	1102-2S	Food Adulteration	SDT2S-12K	2020-21
B.Sc (M.P.C)	1301-2S	Fruit & Vegetable Preservation	SDT2S-10K	2020-21
B.Sc (B.Z.C)	1501-2S	Fruit & Vegetable Preservation	SDT2S-10K	2020-21
B.Sc (M.P.Cs)	1401-2S	Fruit & Vegetable Preservation	SDT2S-10K	2020-21
B.Sc (M.S.Cs)	1601-2S	Fruit & Vegetable Preservation	SDT2S-10K	2020-21
BA(HEP)	1101-2S	Fruit & Vegetable Preservation	SDT2S-10K	2020-21
BA(OEP)	1102-2S	Fruit & Vegetable Preservation	SDT2S-10K	2020-21
BA(HEP)	1101-4S	Leadership Education	LSE4S	2020-21
B.Com (General)	1201-4S	Leadership Education	LSE4S	2020-21
B.Com (Computers)	1202-4S	Leadership Education	LSE4S	2020-21
B.Sc (M.P.C)	1301-4S	Leadership Education	LSE4S	2020-21
B.Sc (B.Z.C)	1501-4S	Leadership Education	LSE4S	2020-21
B.Sc (M.P.Cs)	1401-4S	Leadership Education	LSE4S	2020-21



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### **SYLLABUS OF HUMAN VALUES PROFESSIONAL ETHICS AS PART OF LIFE SKILLS COURSES UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-21**

**PROGRAMME: THREE-YEAR UG PROGRAMME**

# HUMAN VALUES AND PROFESSIONAL ETHICS (HVPE)

## (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*, *Abhay*, *Sah-astitva* as comprehensive Human Goals
- ✓ Visualizing a universal harmonious order in society- Undivided Society (*AkhandSamaj*), Universal Order (*SarvabhaumVyawastha*)- 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.

**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.
- Susan 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.

### **Subject Committee Members**

*Dr.A.S.Dayakar,*  
Head, Dept. of Political Science,  
Andhra Loyola College,  
Vijayawada

*Sri.R.John,*  
Dept. of Service Learning,  
Andhra Loyola College,  
Vijayawada



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### **SYLLABUS OF**

### **PLANT NURSERY**

#### **UNDER SKILL DEVELOPMENT COURSES**

#### **UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-21**

#### **PROGRAMME: THREE-YEAR UG PROGRAMME**

A.P. STATE COUNCIL OF HIGHER EDUCATION  
B.A, B.Com & B.Sc. PROGRAMMES

Revised CBCS w.e.f. 2020-21  
**SKILL DEVELOPMENT COURSES**  
**Science Stream**

Syllabus of  
**PLANT NURSERY**

Total 30 hrs (02h/wk),

02 Credits & Max Marks: 50

**Learning Outcomes :**

*On successful completion of this course students will be able to;*

- 1. Understand the importance of a plant nursery and basic infrastructure to establish it.*
- 2. Explain the basic material, tools and techniques required for nursery.*
- 3. Demonstrate expertise related to various practices in a nursery.*
- 4. Comprehend knowledge and skills to get an employment or to become an entrepreneur in plant nursery sector.*

**Syllabus:**

**Unit-1 :Introduction to plant nursery**

**06 Hrs.**

1. Plant nursery: Definition, importance.
2. Different types of nurseries –on the basis of duration, plants produced, structure used.
3. Basic facilities for a nursery; layout and components of a good nursery.
4. Plant propagation structures in brief.
5. Bureau of Indian Standards (BIS-2008) related to nursery.

**Unit- 2 :Necessities for nursery**

**09 Hrs.**

1. Nursery beds – types and precautions to be taken during preparation.
2. Growing media, nursery tools and implements, and containers for plant nursery, in brief.
3. Seeds and other vegetative material used to raise nursery in brief.
4. Outlines of vegetative propagation techniques to produce planting material.
5. Sowing methods of seeds and planting material.

**Unit-3 :Management of nursery**

**09 Hrs.**

1. Seasonal activities and routine operations in a nursery.
2. Nursery management – watering, weeding and nutrients; pests and diseases.
3. Common possible errors in nursery activities.
4. Economics of nursery development, pricing and record maintenance.
5. Online nursery information and sales systems.

**Suggested Co-curricular activities (6 Hrs.)**

1. Assignments/Group discussion/Quiz/Model Exam.
2. Demonstration of nursery bed making.
3. Demonstration of preparation of media for nursery.
4. Hands on training on vegetative propagation techniques.
5. Hands on training on sowing methods of seeds and other material.
6. Invited lecture cum demonstration by local expert.
7. Watching videos on routine practices in plant nurseries.
8. Visit to an agriculture/horticulture /forest nursery.
9. Case study on establishment and success of a plant nursery.

**Suggested text books/reference books :**

1. Ratha Krishnan, M., et.al. (2014) *Plant nursery management : Principles and practices*, Central Arid Zone Research Institute (ICAR), Jodhpur, Rajasthan
2. Kumar, N., (1997) *Introduction to Horticulture*, Rajalakshmi Publications, Nagercoil.
3. Kumar Mishra, K., N.K. Mishra and Satish Chand (1994) *Plant Propagation*, John Wiley & Sons, New Jersey.



## **MODEL QUESTION PAPER**

Max. Marks: 50

Time: 1½ hrs (90 Minutes)

### SECTION- A

(4x5M=20 Marks)

*Answer any four questions. Each answer carries 5 marks  
(At least 1 question should be given from each Unit)*

1.	
2.	
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8.	

### SECTION B

(3x10M = 30 Marks)

*Answer any three questions. Each answer carries 10 marks  
(At least 1 question should be given from each Unit)*

1.	
2.	
3.	
4.	
5.	

\*\*\*\*\*



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### **SYLLABUS OF**

## **ENVIRONMENTAL EDUCATION**

**AS PART OF LIFE SKILLS COURSES**

**UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-21**

**PROGRAMME: THREE-YEAR UG PROGRAMME**

**AP State Council of Higher Education**

**Revised Syllabus under CBCS Pattern**

(w.e.f. 2020-'21 Academic Year)

**A Mandatory Course for BA/BCom/BSc etc.**

**ENVIRONMENTAL EDUCATION**

(Total hours of Teaching – 30 Hrs. @ 02 Hrs. per Week)

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**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.

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**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**

**10Hrs**

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**

**10 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.

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**Suggested activities to learner: (4 hours)**

1. Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc
2. Visit to a local polluted site-Urban/Rural/Industrial/Agricultural site.
3. Study of common plants, insects, birds and basic principles of identification.
4. Study of simple ecosystems-forest, tank, pond, lake,mangroves etc.
5. Case study of a Forest ecosystem or a pond ecosystem.

**Suggested text book :**

- ErachBarucha (2004) *Text book of Environmental Studies for Undergraduate courses* (Prepared for University Grants Commmission) Universities Press.
- PurnimaSmarath (2018) *Environmental studies* Kalyani Publishers, Ludhiana

**Reference books :**

- Odum, E.P., Odum, H.T. & Andrews, J. (1971) *Fundamentals of Ecology*. Philadelphia: Saunders.
- Pepper, I.L., Gerba, C.P. &Brusseau, M.L. (2011). *Environmental and Pollution Science*. Academic Press.
- Raven, P.H., Hassenzahl, D.M. & Berg, L.R. (2012) *Environment. 8th edition*. John Wiley & Sons.
- Singh, J.S., Singh, S.P. and Gupta, S.R. (2014) *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi.
- Sengupta, R. (2003) *Ecology and economics: An approach to sustainable development*. OUP.
- Wilson, E. O. (2006) *The Creation: An appeal to save life on earth*. New York: Norton.
- Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll (2006) *Principles of Conservation Biology*. Sunderland: Sinauer Associates,

**Model question paper for theory examination at the end of IV Semester**  
**Life Skill Course / ENVIRONMENTAL SCIENCE**

**Max. Time : 2 Hrs.**

**Max. Marks: 50**

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Max. Marks: 50 Time: 1 1/2 hrs (90 Minutes)

**Section -A**

(Total: 4x5=20 Marks)

(Answer any **four questions**. Each answer carries **5 marks**)

(Total 8 questions. At least 1 question should be given from each Unit)

- 1.
- 2.
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- 7.
- 8.

**Section- B**

(Total: 3x10 = 30 Marks)

(Answer any **three questions**. Each answer carries **10 marks**)

(Total five questions. At least 1 question should be given from each Unit)

- 1.
- 2.
- 3.
- 4.
- 5.

**Note:** Questions may be set in such a way to test the outcomes instead of recalling of information.

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### **SYLLABUS OF**

## **DISASTER MANAGEMENT**

**UNDER SKILL DEVELOPMENT COURSES**

**UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-2021**

**PROGRAMME: THREE-YEAR UG PROGRAMME**

A.P STATE COUNCIL OF HIGHER EDUCATION  
B.A,B.Com & B.Sc Programmes  
Revised CBCS w.e.f 2020-21

**SKILL DEVELOPMENT COURSES**

**ARTS STREAM**

**DISASTER MANAGEMENT**

Total 30hrs (2hrs/week) 2 Credits Total 50 Marks

**Learning Outcomes:**

*After successful completion of the course, the students are able to;*

- 1. Understand the nature, cause and effects of disasters*
- 2. Comprehend the importance of Disaster Management and the need of awareness*
- 3. Acquire knowledge on disaster preparedness, recovery remedial measures and personal precautions*
- 4. Volunteer in pre and post disaster management service activities*

**Syllabus:**

**UNIT-I:** 06 hrs

Introduction of Disaster - Different types of disasters- Natural- (flood, cyclone, earthquake, famine and pandemic) - Accidental- (Fire, Blasting, Chemical leakage, Rail, Aviation, Road boat tragedies and nuclear pollution) - Disaster Management Act 2005

**UNIT-II:** 09hrs

Causes and immediate effects of Disasters - Preparedness of disasters –Precautions – Dissemination of information - Nature and concepts - Role of National Disaster Management Authority and Role of Government and non governmental organizations in protecting human livestock and natural resources.-Use of technology -Role of Citizens and Youth in the prevention.

**UNIT-III** - 09 hrs

Post disaster effects - short term - Procedures for Rehabilitation and Recovery - Role of volunteers and Safety Precautions - Long term remedial and preventive measures – Collection, filing and storage of information - Case studies

**Suggested co curriculum Activities:** (06 hrs)

1. Invite lectures by local experts
2. Training on preparedness, post disaster services
3. Analysis of Case studies
4. Visit to a disaster management office and facility
5. Assignments, Group discussion, quiz etc.

**References:**

1. Jagbirsingh - Disaster Management Future challenges and opportunities- - K.W.Publishers



2. GOI - UNDP Disaster Management Guidelines
3. J.P.Singhal - Disaster Management - Laxmi Publications
4. www.ndma.gov.in
5. Wikipedia and other websites on Disaster management.

### **MODEL QUESTION PAPER FORMAT**

Max Marks: 50

Time: 1 ½ hr (90 Min)

#### **SECTION A** (Total: 4x5=20 Marks)

(Answer any four questions. Each answer carries 5 marks  
(At least 1 question should be given from each Unit)

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#### **SECTION B**

(Total: 3x10 = 30 Marks)

(Answer any three questions. Each answer carries 10 marks  
(At least 1 question should be given from each Unit)

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#### **Subject Committee Member:**

1. Dr. J. Sanath Kumar, Principal (Retd.), GDC, Tanuku, WG Dt.



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### **SYLLABUS OF**

## **PERSONALITY ENHANCEMENT AND LEADERSHIP**

**AS PART OF**

**LIFE SKILL COURSES**

**UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-2021**

**PROGRAMME: THREE-YEAR UG PROGRAMME**

**A.P. STATE COUNCIL OF HIGHER EDUCATION**  
**B.A., B. Com & B. Sc Programmes**

**Revised CBCS w.e.f 2020-21**

**LIFE SKILL COURSE**

**Personality Enhancement & Leadership**

Total 30 hrs (02 h/wk, 02 Cr & Max 50 Marks)

**Learning Outcomes:**

By successful completion of the course, students will be able to:

1. Develop comprehensive understanding of personality
2. Know how to assess and enhance one's own personality
3. Comprehend leadership qualities and their importance
4. Understand how to develop leadership qualities

**Syllabus:**

**Unit – I:**(7 hrs)

Meaning of Personality – Explanations of Human Personality – Psychodynamic Explanations – Social Cognitive Explanation – Big Five traits of Personality

**Unit – II:** (8 hrs)

Assessment of Personality - Projective& Self Report Techniques - Building Self-Confidence – Enhancing Personality Skills

**Unit – III:**(10 hrs)

Leadership Characteristics – Types of Leaders – Importance of Leadership – Leadership Skills – Building and Leading Efficient Teams – Leadership Qualities of Abraham Lincoln, mahatma Gandhi, Prakasam Pantulu, Dr. B. R. Ambedkar & J.R.D.Tata

**Co-curricular Activities Suggested:** (05 hrs)

1. Assignments, Group discussions, Quiz etc
2. Invited Lecture by a local expert
3. Case Studies (ex., on students behavior, local leaders etc.)

**Reference Books:**

- Girish Batra, Experiments in Leadership, Chennai: Notion Press, 2018
- Mitesh Khatri, Awaken the Leader in You, Mumbai: Jaico Publishing House, 2013
- Carnegie Dale, Become an Effective Leader, New Delhi: Amaryllis, 2012
- Hall, C.S., Lindzey. G. & Campbell, J.B Theories of Personality. John Wiley & Sons, 1998

**MODEL QUESTION PAPER & PATTERN**

**Max Marks: 50**

**Time: 1 ½ hr (90 Min)**

**SECTION A** (Total: 4x5=20 Marks)

(Answer any **four questions**. Each answer carries **5 marks**  
(At least 1 question should be given from each Unit)

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**SECTION B**

(Total: 3x10 = 30 Marks)

(Answer any **three questions**. Each answer carries **10 marks**  
(At least 1 question should be given from each Unit)

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SUBJECT COMMITTEE MEMBERS

*Dr. G. Koteswaraiah,*  
Associate Professor,  
Dept. of Psychology,  
Govt. College (Men), Autonomous,  
Kadapa

*Dr. B. R. Prasad Reddy,*  
Associate Professor,  
Dept. of History,  
K.H. Govt. Degree College,  
Dharmavaram

Vetted by:  
*Prof. S. Samiullah,*  
Dept. of Psychology,  
S. V. University,  
Tirupati



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### **SYLLABUS OF**

### **PLANT NURSERY**

**UNDER SKILL DEVELOPMENT COURSES  
UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-21**

**PROGRAMME: THREE-YEAR UG PROGRAMME**

A.P. STATE COUNCIL OF HIGHER EDUCATION  
B.A, B.Com & B.Sc. PROGRAMMES

Revised CBCS w.e.f. 2020-21  
**SKILL DEVELOPMENT COURSES**  
**Science Stream**

Syllabus of  
**PLANT NURSERY**

Total 30 hrs (02h/wk),

02 Credits & Max Marks: 50

**Learning Outcomes :**

*On successful completion of this course students will be able to;*

- 1. Understand the importance of a plant nursery and basic infrastructure to establish it.*
- 2. Explain the basic material, tools and techniques required for nursery.*
- 3. Demonstrate expertise related to various practices in a nursery.*
- 4. Comprehend knowledge and skills to get an employment or to become an entrepreneur in plant nursery sector.*

**Syllabus:**

**Unit-1 :Introduction to plant nursery**

**06 Hrs.**

1. Plant nursery: Definition, importance.
2. Different types of nurseries –on the basis of duration, plants produced, structure used.
3. Basic facilities for a nursery; layout and components of a good nursery.
4. Plant propagation structures in brief.
5. Bureau of Indian Standards (BIS-2008) related to nursery.

**Unit- 2 :Necessities for nursery**

**09 Hrs.**

1. Nursery beds – types and precautions to be taken during preparation.
2. Growing media, nursery tools and implements, and containers for plant nursery, in brief.
3. Seeds and other vegetative material used to raise nursery in brief.
4. Outlines of vegetative propagation techniques to produce planting material.
5. Sowing methods of seeds and planting material.

**Unit-3 :Management of nursery**

**09 Hrs.**

1. Seasonal activities and routine operations in a nursery.
2. Nursery management – watering, weeding and nutrients; pests and diseases.
3. Common possible errors in nursery activities.
4. Economics of nursery development, pricing and record maintenance.
5. Online nursery information and sales systems.

**Suggested Co-curricular activities (6 Hrs.)**

1. Assignments/Group discussion/Quiz/Model Exam.
2. Demonstration of nursery bed making.
3. Demonstration of preparation of media for nursery.
4. Hands on training on vegetative propagation techniques.
5. Hands on training on sowing methods of seeds and other material.
6. Invited lecture cum demonstration by local expert.
7. Watching videos on routine practices in plant nurseries.
8. Visit to an agriculture/horticulture /forest nursery.
9. Case study on establishment and success of a plant nursery.

**Suggested text books/reference books :**

1. Ratha Krishnan, M., et.al. (2014) *Plant nursery management : Principles and practices*, Central Arid Zone Research Institute (ICAR), Jodhpur, Rajasthan
2. Kumar, N., (1997) *Introduction to Horticulture*, Rajalakshmi Publications, Nagercoil.
3. Kumar Mishra, K., N.K. Mishra and Satish Chand (1994) *Plant Propagation*, John Wiley & Sons, New Jersey.



## **MODEL QUESTION PAPER**

Max. Marks: 50

Time: 1½ hrs (90 Minutes)

### SECTION- A

(4x5M=20 Marks)

*Answer any four questions. Each answer carries 5 marks  
(At least 1 question should be given from each Unit)*

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

### SECTION B

(3x10M = 30 Marks)

*Answer any three questions. Each answer carries 10 marks  
(At least 1 question should be given from each Unit)*

1.	
2.	
3.	
4.	
5.	

\*\*\*\*\*

**SGK GOVERNMENT DEGREE COLLEGE**  
**VINUKONDA**



**Activities conducted regarding Gender equality,  
Environment and sustainability: 2020-21**

## SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

### INTERNATIONAL WOMENS DAY

(Choose to challenge)

Date: 08-03-2021

Aim: To impart the thought of gender equality in the young minds

Objectives:

- Students develop respect towards their counter part
- Students understand the role of women in family well being
- Students appreciate the multidimensional roles of women in the society

College observed international women's day by felicitating the women faculty, working in the college. A few lecturers and students gave speeches about the prominence of the day and the changed role of women as per the changing society. The recipients of felicitation expressed their verbal gratitude.

Outcomes:

- Students expressed gratitude and happiness for giving opportunity to take active involvement in the program
- Got knowledge of most powerful women of 2020.

#### Understanding the role of women in family

"దిన దిన ఉత్సవంబు" పండు వెన్నెలాలోచనల పుత్తడి బొమ్మలకు ఎందుకీ కేవల దిన ఉత్సవంబు అతివల జీవితంబాసంతమ్ము దిన దిన ఉత్సవంబులుగ భాసిల్లవలె గదా!  
భరతఖండాన పక్కండ్లు ప్రభవించినారు మగువలు  
సబలలవోలేశ్రమల నోడ్చి, అవకాశాల నోడ్చి పట్టివివిధ రంగాల ఉన్నతి చెందినారు  
భరతమాత నిలువ చోటు నిచ్చెను తెలుగుతల్లి పలుక మాట నిచ్చెను పుడమితల్లి తినగ తిండినిచ్చెను  
ఇందరి తల్లుల గారాల కూన నేను  
మాతృత్వ భావనతోడ పూర్ణకుంభములట్టి కుచకుంభాలతోన కుడిపినది పాలుచిరు వెచ్చని ఒడిలోన  
ముక్కుపచ్చలారనిపసికండునై నేనేడ్చు నాడు సదతీర్చినది  
ఈ జన్మకిది చాలుతల్లివలె, భార్యవలె, చెల్లివలె, అక్కవలెవదినవలె, పిన్ని, అత్తమ్మలవలె నిలిచినారు  
పురుషుని జీవితాన ప్రతి మైలురాయి నందు ఇంటిపని, వంటపని, ఆఫీసులో వర్క్ పేల్లల రక్షణము,  
భర్తల సేవనము అను అంశాలను ఏక సమయాన చేసి ప్రతినారి సహస్రావధాని బిరుదార్థురాలాయెను  
వంటింటి కుండేలుగ పరిగణించునాడే మహారాణులై రాణించినారు  
జీవవాహిణులై తిరుగాడుతున్నారు భువిని బ్రహ్మపుత్రుండు ఒక్కడు తప్ప!!!!  
తల్లిలాలనము, సోదరీ మణుల మధురభాషనము ఆలిప్రేమ, పిన్నమ్మ ఆప్యాయత, అత్తమ్మ  
అనురాగము కోరుకొందునేను కావున చేసెదను వారి జీవితానదిన దిన ఉత్సవంబులు

# SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

## WOMEN EMPOWERMENT CELL (WEC)

### FORMAL INTERACTION WITH GIRL STUDENTS



*Smit*  
Coordinator - WEE

*K.V.S. Kothandaram*  
IQAC COORDINATOR  
SGK GOVT DEGREE COLLEGE, VINUKONDA  
PALNADU DIST - 522 647

*10/10/2020*  
Principal  
SGK Govt. Degree College  
Vinukonda - 522647  
Palnadu Dist, A.P.



## SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

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### AWARENESS PROGRAM ON DISHA APP

Date: 03-08-2021

Aim: To get awareness on DISHA mobile application among the students

Objectives:

- Students develop respect towards their counter part
- Students understand the role of women in family well being
- Students appreciate the multidimensional roles of women in the society

An awareness program on DISHA app was organized by Women Empowerment Cell (WEC) along with National Service Scheme (NSS) unit, SGK Govt. degree college, vinukonda was held on 3<sup>rd</sup> August 2021 at the college seminar hall.

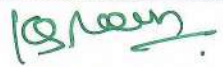
The welcome speech was given by Dr V Reddi Rani, Lecturer in chemistry & WEC Coordinator followed by the welcome remarks by Dr Tulasi Mastanamma, Principal SGK GDC, Vinukonda. Thereafter Sri Rajya Lakshmi garu, SI Vinukonda delivered a valuable lecture among the students and made them aware on DISHA act and DISHA app. After the lecture of Rajyalakshmi garu, students took part in an interaction & cleared their doubts regarding app usage. All the queries were answered by the speaker. The concluding speech was given by Sri D. Rajasekhar, Lecturer in Botany, SGK GDC Vinukonda.

Outcomes:

- Students expressed gratitude and happiness for giving opportunity to take active involvement in the program
- Got knowledge about DISHA mobile application

  
Coordinator-WEC

  
IQAC COORDINATOR  
SGK GOVT DEGREE COLLEGE, VINUKONDA  
PALNADU DIST - 522 647

  
Principal  
SGK Govt. Degree College  
Vinukonda - 522647  
Palnadu Dist., A.P.

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## SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

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## SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

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### AWARENESS PROGRAM ON DISHA APP

Date: 01-09-2021

Aim: To get awareness on DISHA mobile application among the students

Objectives:


- Students develop respect towards their counter part
- Students understand the role of women in family well being
- Students appreciate the multidimensional roles of women in the society


An awareness program on DISHA app was organized by Women Empowerment Cell (WEC) along with National Service Scheme (NSS) unit, SGK Govt. degree college, vinukonda was held on 3<sup>rd</sup> August 2021 at the college seminar hall.

The welcome speech was given by Dr V Reddi Rani, Lecturer in chemistry & WEC Coordinator followed by the welcome remarks by Dr P Sreenivasulu Sir, Vice-Principal SGK GDC, Vinukonda. Thereafter Sri Juswin Mahila Police, Vinukonda delivered a valuable lecture among the students and made them aware on DISHA act and DISHA app. After the lecture of Juswin garu, students took part in an interaction & cleared their doubts regarding app usage. All the queries were answered by the speaker. The concluding speech was given by Sri D. Rajasekhar, Lecturer in Botany, SGK GDC Vinukonda.

Outcomes:

- Students expressed gratitude and happiness for giving opportunity to take active involvement in the program
- Got knowledge about DISHA mobile application

  
Coordinator - WEC  
IQAC COORADINATOR  
SGK GOVT DEGREE COLLEGE, VINUKONDA  
PALNADU DIST - 522 647

  
Principal  
SGK Govt. Degree College  
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## SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

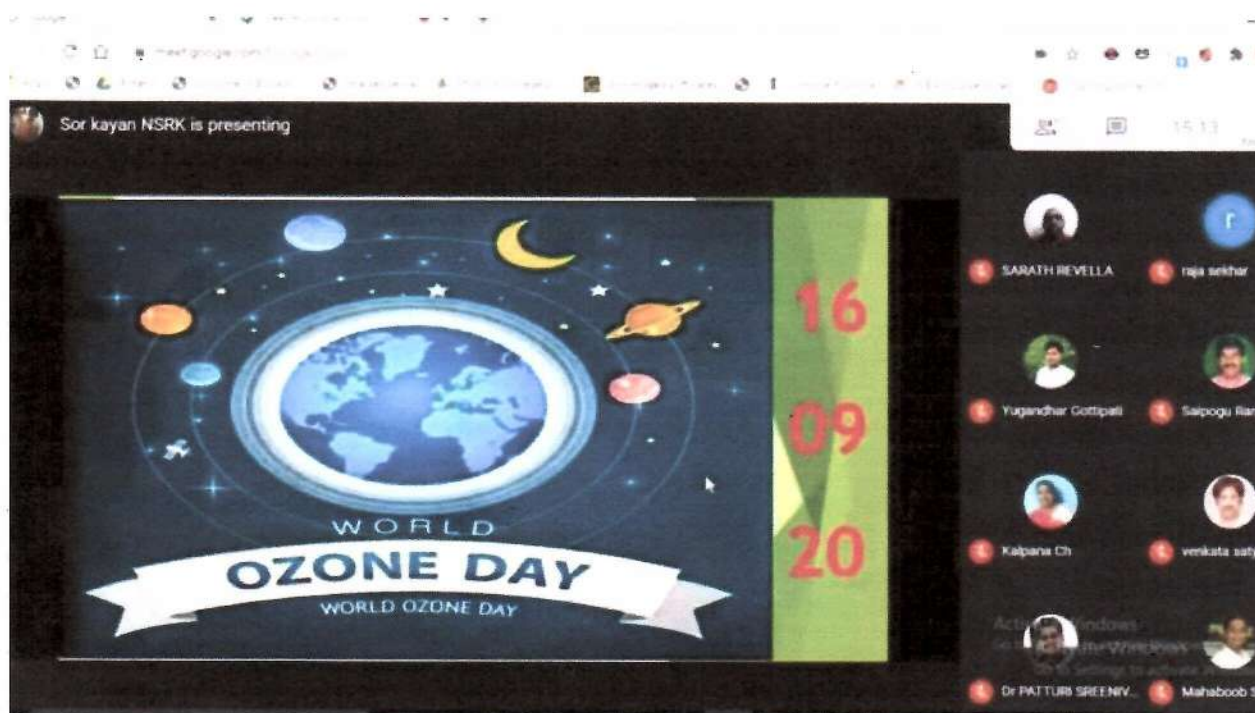
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## SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

World ozone day celebrations celebrated through online mode on 16-09-2020.



World ozone day celebrations celebrated and It was organized by ECO club along with National Service Scheme (NSS) unit, SGK Govt. degree college, vinukonda was held on 16<sup>th</sup> September 2021 at the college seminar hall.



K.V.S. Koteswara Rao  
**Dr. K.V.S. Koteswara Rao,**  
 Degree Lecturer in Chemistry,  
 S.G.K. Govt. Degree College,  
 Vinukonda - 522 647 Guntur District, A.P.

K.V.S. Koteswara Rao  
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K. Sreenivasa Rao  
 Principal  
 SGK Govt. Degree College  
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 Guntur Dist., A.P.

## World Environment Day

Being indoors doesn't inhibit us from thinking about outdoors. Departments of Life Sciences have organized an online session on the eve of World Environment Day. Students and faculty from different groups actively shared their ideas on reviving our Mother nature. This day of 05-06-2021 have seen a promising spectra of enthusiasm and concern towards the declining Bio-diversity. We sincerely hope that these programs would instill a sense of duty in Youth and inspire them to perform their role in restoring our Eco system.



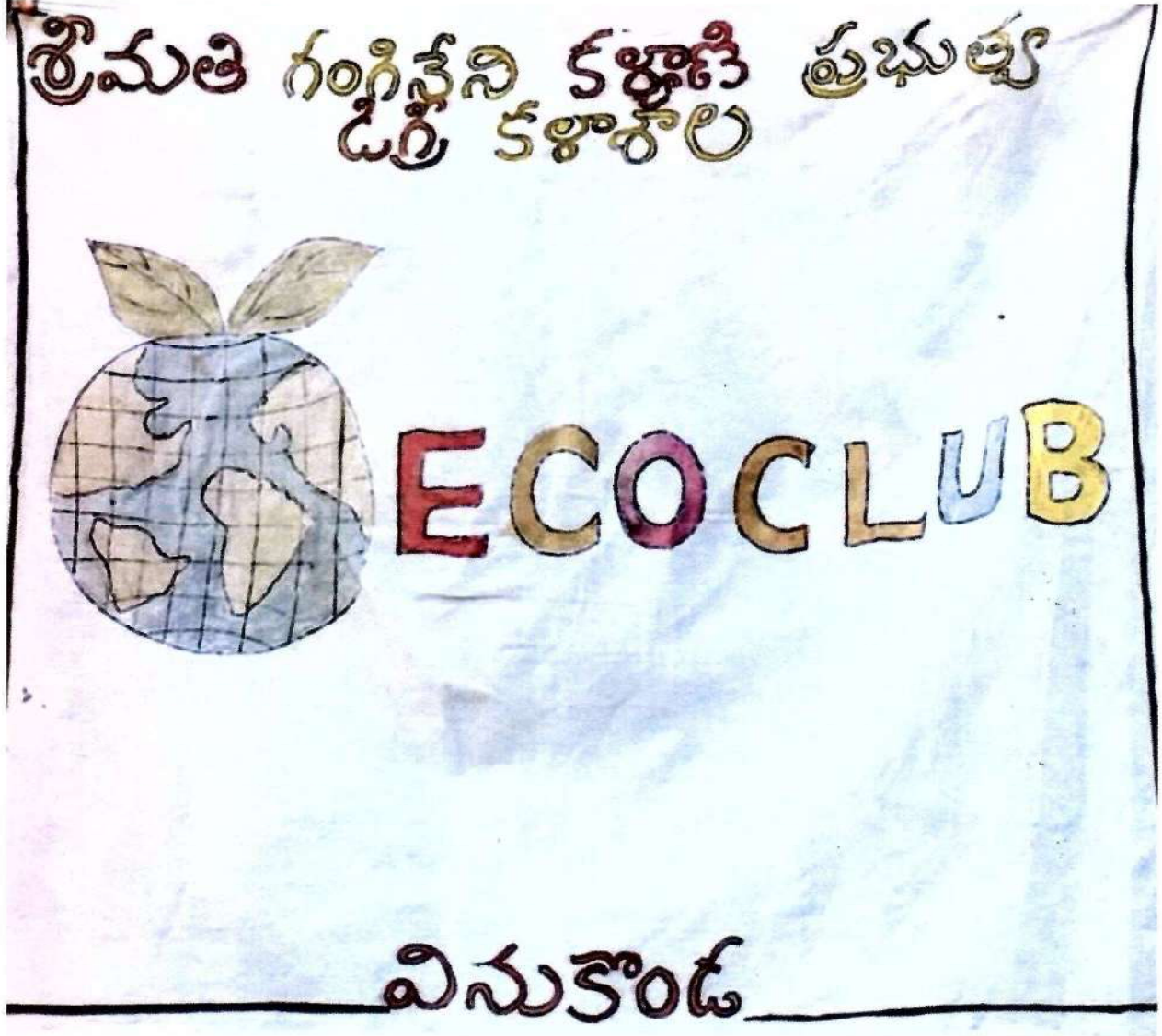
*B.R.K. Kishore*  
**B.R.K. KISHORE**  
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 SGKGDC, Vinukonda - 522 647,  
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*Ic-v-s. Koteswari*  
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*ICS Neenu*  
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**Eco friendly banner :** prepared by our first BZC students, all the colours were natural and prepared from flowers On the Ocassion of Wolrld Environment Day on 05-06-2021



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