1.3.1 Number of courses that include Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum during the year

		Name of the Course that include		
Program name	Program code	Professional Ethics, Gender, Human	Course code	Year of
l rogram name	l rogram couc	Values, Environment and Sustainability		offering
		into the Curriculum		
BA(HEP)	1101-1S	Human Values and Professional Ethics	LSL1S-3K	2021-22
BA(OEP)	1102-1S	Human Values and Professional Ethics	LSL1S-3K	2021-22
B.Com (General)	1201-1S	Human Values and Professional Ethics	LSL1S-3K	2021-22
B.Com (Computers)	1202-1S	Human Values and Professional Ethics	LSL1S-3K	2021-22
B.Sc (M.P.C)	1301-15	Human Values and Professional Ethics	LSL1S-3K	2021-22
B.Sc (B.Z.C)	1501-15	Human Values and Professional Ethics	LSL1S-3K	2021-22
B.Sc (M.P.Cs)	1401-1S	Human Values and Professional Ethics	LSL1S-3K	2021-22
B.Sc (M.S.Cs)	1601-1S	Human Values and Professional Ethics	LSL1S-3K	2021-22
B.Sc (M.P.C)	1301-15	Plant nursery	SDT2S-12K	2021-22
B.Sc (B.Z.C)	1501-1S	Plant nursery	SDT2S-12K	2021-22
B.Sc (M.P.Cs)	1401-1S	Plant nursery	SDT2S-12K	2021-22
B.Sc (M.S.Cs)	1601-1S	Plant nursery	SDT2S-2K	2021-22
B.Sc (M.P.C)	1301-25	Solar energy	SDT2S-9K	2021-22
B.Sc (B.Z.C)	1501-2S	Solar energy	SDT2S-9K	2021-22
B.Sc (M.P.Cs)	1401-2S	Solar energy	SDT2S-9K	2021-22
B.Sc (M.S.Cs)	1601-2S	Solar energy	SDT2S-9K	2021-22
BA(HEP)	1101-35	Environmental Education	LSL3S-2K	2021-22
BA(OEP)	1102-35	Environmental Education	LSL3S-2K	2021-22
B.Com (General)	1201-35	Environmental Education	LSL3S-2K	2021-22
B.Com (Computers)	1202-35	Environmental Education	LSL3S-2K	2021-22
B.Sc (M.P.C)	1301-35	Environmental Education	LSL3S-2K	2021-22
B.Sc (B.Z.C)	1501-3S	Environmental Education	LSL3S-2K	2021-22
B.Sc (M.P.Cs)	1401-3S	Environmental Education	LSL3S-2K	2021-22
B.Sc (M.S.Cs)	1601-35	Environmental Education	LSL3S-2K	2021-22
BA(HEP)	1101-35	Disaster Management	STD3S-2K	2021-22
BA(OEP)	1102-35	Disaster Management	STD3S-2K	2021-22
B.Com (General)	1201-35	Disaster Management	STD3S-2K	2021-22
B.Com (Computers)	1202-35	Disaster Management	STD3S-2K	2021-22
B.Sc (M.P.C)	1301-35	Disaster Management	STD3S-2K	2021-22
B.Sc (B.Z.C)	1501-3S	Disaster Management	STD3S-2K	2021-22
B.Sc (M.P.Cs)	1401-3S	Disaster Management	STD3S-2K	2021-22
B.Sc (M.S.Cs)	1601-3S	Disaster Management	STD3S-2K	2021-22
BA(HEP)	1101-3S	Personality Enhance and Leadership	LSL3S-4K	2021-22
BA(OEP)	1102-35	Personality Enhance and Leadership	LSL3S-4K	2021-22
B.Com (General)	1201-3S	Personality Enhance and Leadership	LSL3S-4K	2021-22
B.Com (Computers)	1202-35	Personality Enhance and Leadership	LSL3S-4K	2021-22
B.Sc (M.P.C)	1301-35	Personality Enhance and Leadership	LSL3S-4K	2021-22
B.Sc (B.Z.C)	1501-3S	Personality Enhance and Leadership	LSL3S-4K	2021-22
B.Sc (M.P.Cs)	1401-3S	Personality Enhance and Leadership	LSL3S-4K	2021-22
B.Sc (M.S.Cs)	1601-3S	Personality Enhance and Leadership	LSL3S-4K	2021-22



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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: 3Professional 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,
- 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.

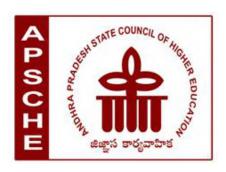
Co curricular Activities:

- 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.

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 toestablish 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 androutine 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, Rjasthan
- 2. Kumar, N., (1997) Introduction to Horticulture, Rajalakshmi Publications, Nagercoil.
- 3. KumarMishra, 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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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.			
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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)

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.

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 waterresources 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.

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

NA NA 1 50 TC' 1 1 /0 1 (00 NA')	
Max. Marks: 50 Time: 1 1/2 hrs (90 Minutes	
Section -A (Total	al: 4x5=20 Marks)
(Answer any four questions . Each answer carries 5 marl	ks
(Total 8 questions. At least 1 question should be given from each	ch Unit)
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Section- B (T	Cotal: $3x10 = 30$ Marks)
(Answer any three questions. Each answer carries 10 m	narks
(Total five questions. At least 1 question should be given from ea	ach Unit)
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Note: Questions may be set in such a way to test the outcomes instead of a information.	recalling of



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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, recoveryremedial 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, famineand 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 livestockand 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:

 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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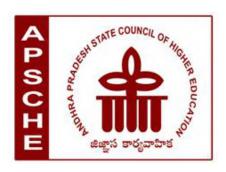
SUBJECT COMMITTEE MEMBERS

Dr. G. Koteshwaraiah,
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 toestablish 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 androutine 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, Rjasthan
- 2. Kumar, N., (1997) Introduction to Horticulture, Rajalakshmi Publications, Nagercoil.
- 3. KumarMishra, 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.			

WEC Meeting 01/2021

Date: 01/11/2021

The Women Empowerment Cell held its meeting on 01-11-2021 at 4:00 pm in the staff room with Dr. G. Swarna Latha to discuss the WEC activities.

Members present:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

4. Smt. Vijaya Kalpana - Member, WEC

Agenda

1. Activities of the WEC for the forthcoming year.

2. To take measures to keep the ladies toilet and ladies waiting room clean and healthy.

Resolutions:

1. It was unanimously resolved that the WEC activities for the forthcoming year should be designed in the view of girl students needs.

2. It was unanimously resolved that the committee should take care of ladies toilet and waiting room and regularily monitor the workers to keep them clean and safe.

Signatures:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

WEC Meeting 02/2021

Date: 7/12/2021

The Women Empowerment Cell held its meeting on 07-12-2021 at 4:00 pm in the staff room with Dr. G. Swarna Latha to discuss the WEC activities.

Members present:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

4. Smt. Vijaya Kalpana - Member, WEC

Agenda:

1. To conduct an orientation program for the girl students.

2. To address the grievences of girl students if any.

3. To buy curtains, Dustbins etc for the waiting hall and toilets.

Resolutions:

- 1. It was unanimously resolved that an orientation program on gender sensilization should be conducted in this month.
- 2. It was unanimously resolved that the WEC should deal with grievences of the girl students.
- 3. It was unanimously resolved to buy curtains, dustbins and sanitary napkins etc for the girls.

Signatures:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

WEC Meeting 03/2022

Date: 26/12/2021

The Women Empowerment Cell held its meeting on 26-12-2021 at 4:00 pm in the staff room with Dr. G. Swarna Latha to discuss the WEC activities.

Members present:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

4. Smt. Vijaya Kalpana - Member, WEC

Agenda:

- 1. To observer Savithribai Phule birth anniversary.
- 2. To conduct essay writing competition on life history of Savithribai Phule.

Resolutions:

- 1. It was unanimously resolved that as an inspiration for the girls stidemts Savithribai Phule birth anniversary should be conducted on 03-01-2022.
- 2. It was unanimously resolved that essay writing competition has to be conducted related to this event.

Signatures:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

WEC Meeting 04/2022

Date: 01/02/2022

The Women Empowerment Cell held its meeting on 01-02-2022 at 4:00 pm in the staff room with Dr. G. Swarna Latha to discuss the WEC activities.

Members present:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

4. Smt. Vijaya Kalpana - Member, WEC

Agenda:

1. Counselling session for girls on certain issues faced by them.

Resolutions:

1. It was unanimously resolved that there should be a counselling session for girl students on some problems faced by them on 15-02-2022.

Signatures:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

WEC Meeting 05/2022

Date: 02/03/2022

The Women Empowerment Cell held its meeting on 02-03-2022 at 4:00 pm in the staff room with Dr. G. Swarna Latha to discuss the WEC activities.

Members present:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

4. Smt. Vijaya Kalpana - Member, WEC

Agenda:

1. To discuss about International Womens day program.

2. To conduct competitions like Poster presentation, Roleplays and PPT presentation.

Resolutions:

- 1. It was unanimously resolved International Womens day shall be celebrated with grandeur on 08-03-2022
- 2. It was unanimously resolved that cometitions- Poster presentation, Roleplays abd PPT presentation on success stories of women and problems faced by women shall be conducted from 5th to 7th of this month.

Signatures:

1. Dr. G. Swarna Latha - Coordinator, WEC

2. Dr. Krishna Veni - Member, WEC

3. Smt. N. Vasanthi - Member, WEC

SGK GOVERNMENT DEGREE COLLEGE VINUKONDA, PALNADU DISTRICT



ORIENTATION OF WEC

DATE: 28.12.2021

TIME: 03.00 PM

CONDUCTED BY

WOMEN EMPOWERMENT CELL

Activity Report

S. No.	Content	Details
1	Name of the Programme	Orientation of WEC
2	Date & Time	28.12.2021 & 03.00 PM
3	Conducted by	Women Empowerment Cell
4	No. of Students attended	80
5	Chairperson	Dr. K.Srinivasa Rao, Principal
6	Chief Guest	Dr. K.Srinivasa Rao, Principal
7	Program Convener	Dr. G. Swarnalatha, WEC Coordinator

Orientation of WEC

Women related Issues

BRIEF REPORT: Women Empowerment Cell of SGK Government Degree College organized a

Orientation on Women related Issues such as Gender Bias, Sexual Harassment and Empowerment

on 28.12.2022 at 03.00 PM at Seminar Hall of the College under the headship of Principal Dr. K.

Srinivasa Rao. Dr. G. Swarnalatha, WEC Coordinator, Sri. Ch. Haribabu, Vice-Principal, Sri.

Rama K Kishore Behara, Other staff and students attended the program.

CHIEF GUEST: Principal, Dr. K. Srinivasa Rao preceded over the function and stressed upon the

need of education in the present context because women are successful in all the walks of life and in

some areas they outsmart men. They are second to none and are on par with men. We assured the

girl students that he will solve any problem if they are encounter by in the college.

GIST OF THE PROGRAMME: Though nations developed remarkably in all walks of life women

were not given due respect, deserved to the. Men looked upon them as biologically inferior. These

orientation program help them to get familiarize with the situation in their transition.

In college level these orientation programme help them to get acquainted to various cells and their

activities, infrastructural facilities, extracurricular activities, learning resources and college culture.

WEC Coordinator Dr. G. Swarnalatha presented a PPT showing different hurdles that they face in

different fields and how to overcome them.

She also accentuated how the college promotes every student and has zero tolerance towards bullying

or ragging. She urged the students to come forward to get resolved any grievance they have.

OUTCOME:

> Girl student were familiarized to different issues that they may come across.

> They learn how to counter and emerge victorious if any untoward incidents happen

> Girl student were acquainted with different issues of life

FEED BACK: Enclosed

K.V.S. KOTCSCO

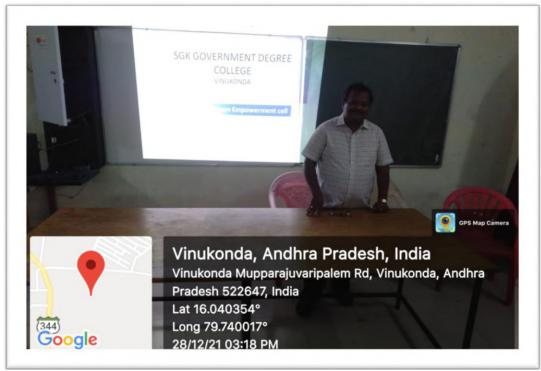
IQAC COORADINATOR
SGK GOVT DEGREE COLLEGE, VINUKONDA
PALNADU DIST - 522 647

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

Coordinator-WEC

PHOTOGRAPHS









SGK GOVERNMENT DEGREE COLLEGE VINUKONDA, PALNADU DISTRICT



POSTER PRESENTATION

DATE: 08.03.2022

TIME: 11.00 AM

CONDUCTED BY

WOMEN EMPOWERMENT CELL

Activity Report

S. No.	Content	Details
1	Name of the Programme	Orientation on Health & Hygiene
2	Date & Time	08.03.2022 & 11.00 AM
3	Conducted by	Women Empowerment Cell
4	No. of Students attended	110
5	Chairperson	Dr. K.Srinivasa Rao, Principal
6	Chief Guest	Dr. K. Keerthana, Gynecologist
7	Program Convener	Dr. G. Swarnalatha, WEC Coordinator

Orientation on Health & Hygiene

Health & Hygiene

BRIEF REPORT: Women Empowerment Cell of SGK Government Degree College organized a Special Orientation on Health & Hygiene on 08.03.2021 at 11.00 AM at Seminar Hall of the College under the headship of Principal Dr. K. Srinivasa Rao and Dr. K. Keerthana, Gynecologist, CHC, Vinukonda as keynote speaker. Dr. G. Swarnalatha, WEC Coordinator, Sri. Ch. Haribabu, Vice-Principal, Sri. Rama K Kishore Behara, Other staff and students attended the program.

CHIEF GUEST: Principal, Dr. K. Srinivasa Rao officiated the functions and stressed upon the importance of women's health. He delineated in detail "Health is Wealth" and to get maximum output from a person one has to be hale and healthy he emphasized.

GIST OF THE PROGRAMME: WEC Coordinator Dr. G. Swarnalatha invited Dr. Keerthana, Gynaecologist in the community health center, Vinukonda as resource person for the occasion.

Dr. K. Keerthana presented a PPT showing different health issues girls will encountered in their everyday life and measures to be taken to counter them. She stressed the need of taking nutritious food to mitigate the problem of vitamin deficiency and she advocated how certain vitamin supplements will keep them healthy to counter act the issue.

She also gave prominence to her talk to maintain good hygiene as it is their prime concern. She dwelt upon the need of oral supplements to anemic students as they are the victims of menstrual issues.

She urged the girl students to have right food for their physical growth and enlightened them to have right food to be hale and healthy. In people with poor personal hygiene the body becomes an ideal environment for germs to grow, leaving it vulnerable to infection and different diseases.

She also addressed the students to maintain good menstrual practices, having nutritious food and personal safety.

OUTCOME:

- > Girl student were enlightened and many misconceptions were addressed.
- ➤ Girl students were able to gain knowledge about good food, different diseases, importance of health and hygiene

FEED BACK: Enclosed

K.V-S-KOFES CJ

IQAC COORADINATOR SGK GOVT DEGREE COLLEGE, VINUKONDA PALNADU DIST - 522 647 Principal
SGK Govt. Degree College
Vinukonda - 522647

PHOTOGRAPHS











SGK GOVERNMENT DEGREE COLLEGE VINUKONDA, PALNADU DISTRICT



SAVITHRI BAI PHULE BIRTH ANNIVERSARY

DATE: 03.03.2022

TIME: 04.00 pm

CONDUCTED BY

WOMEN EMPOWERMENT CELL

Activity Report

S. No.	Content	Details
1	Name of the Programme	Birth Anniversary of Savithri Bai Phule
2	Date & Time	03.03.2022 & 04.00 PM
3	Conducted by	Women Empowerment Cell
4	No. of Students attended	62
5	Chairperson	Dr. K.Srinivasa Rao, Principal
6	Chief Guest	Dr. K.Srinivasa Rao, Principal
7	Program Convener	Dr. G. Swarnalatha, WEC Coordinator

Birth Anniversary of Savithri Bai Phule

Indian Educationalist

BRIEF REPORT: Women Empowerment Cell of SGK Government Degree College organized a

Birth Anniversary of Savithri Bai Phule on 03.03.2022 at 04.00 PM in Room Number 12 under the

chairmanship of Principal Dr. K. Srinivasa Rao. Dr. G. Swarnalatha, Coordinator of WEC, Sri. Ch.

Hari Babu, Vice- President, Sri. Rama K Kishore Behara, Other staff and students attended the

program and paid tribute to Indian educationalist Smt. Savithri Bai Phule.

CHIEF GUEST: Principal, Dr. K. Srinivasa Rao, chaired the occasion and exhorted the students to

emulate the woman of the day who struggled to educate women and make her efforts come to

fruition.

GIST OF THE PROGRAMME: Savithri Bai Phule was the first woman teacher, who focused on

women education and empowerment. She emerged as a successful lady reformist with her hard

work. She played an important and vital role in improving women's rights in India. She is

considered to be the pioneer of India's feminist movement and women's emancipation.

Women empowerment Cell Coordinator Dr. G. Swarnalatha focused on some evils of the dags like

early marriages, illiteracy and untouchability in those days and how their position of women was

confined to four walls. Male dominated patriarchy didn't permit them even to express their

opinions. Their place was relegated to satiate the needs of men and remained to be child bearing

machines.

At this juncture, Savithribhai Phule, woman with progressive outlook understood the miserable

state of women and emerged out by breaking the shacks of male patriarchy stood all against heavy

odds and advocated the importance of women education and empowerment. She became the voice

of innocent illiterate Indian women and voiced sanity in the insane world of male dominated

brutality.

OUTCOME:

> Girl students learnt how women were cornered and fettered by male counterparts.

> Students understood how women had suffered silently, the agony and anguish from the

hands of their consorts.

➤ How Savithri Bai Phule had labored hard to uplift to the women from such gloomy

circumstances.

Co-ordinator DEC

K.V-S-KOFEJ WJ

IQAC COORADINATOR

GK GOVT DEGREE COLLEGE VINUKONDA

GGK Govt. Degree College Vinukenda - 522647

SGK GC

PALNADU DIST - 522 647

PHOTOGRAPHS







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 3rd 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 delived 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

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

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





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 3rd 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 delived 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

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Coordinator - WE C SGK GOVT DEGREE COLLEGE, VINUKONDA
PALNADU DIST - 522 647

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





GIRLS WAITING ROOM

The college has provided well furnished, spacious waiting room with amenities. Fans, LED bulbs are arranged to create good reading environment.



SGK GOVERNMENT DEGREE COLLEGE VINUKONDA, GUNTUR DISTRICT



DATE: 01.01.2022

TIME: 11.00 - 01.30 PM

CONDUCTED BY

ECO CLUB

DEPORTMENT OF BOTANY & NSS

Activity Report

S. No.	Content	Name
1	Name of the Programme	PLANITATION DRIVE
2	Date & Time	01.01.2022 & 11.00 – 01.30 PM
3	Conducted by	Dept. Of BOTANY, ECO-CLUB & NSS
4	No. of Students attended	100
5	Chief Guest	Principal and Staff
6	Convener	 Sri. Daniel Rajashrekar Lect In BOTANY Sri D.SHIVA PHANIDRA NSS PO

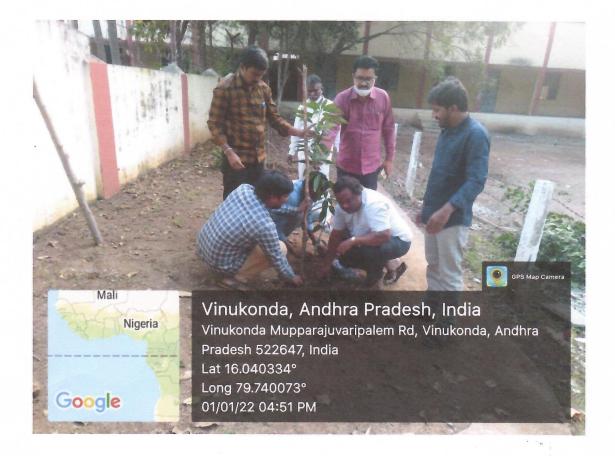
Arranged a plantation drive in college on account of New year celebration. The program aim to plant 100 saplings in the college and all around as well NSS program Officer Sri D. Shiva Phanindra garu and Eco club co-coordinator Sri Daniel Rjashekar garu organized this mega event. Teachers also participated in the event to help the students



At first we started to implant saplings in college premises. After that the students planted saplings in the local areas near by our college. The objective of this event was to teach students to create awareness on the importance of trees in protecting our environment. By tree plantation we can develop a climax ecosystem free of green house gases to reduce global warming.



The entire program was planned and executed under the guidance of principal Dr K.Srinivasa Rao garu. Principal congratulated teachers and students for coming participating in that fruitful activity. Overall, this was an excellent and glories event for all.



Students also contributed to tree plantation drive

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B.R.K. KISHORE Lecturer in Zoology SGKGDC, Vinukonda - 522 647, Palnadu Dt., A.P. 15. v. S. leotes a 27

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

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

SGK GOVERNMENT DEGREE COLLEGE VINUKONDA, GUNTUR DISTRICT



DATE: 05.06.2022

TIME: 11.00 - 01.30 PM

CONDUCTED BY

ECO CLUB

DEPORTMENT OF BOTANY & NSS

Activity Report

S. No.	Content	Name
1	Name of the Programme	WORLD ENVIRONMENT DAY
2	Date & Time	05.06.2022 & 11.00 – 01.30 PM
3	Conducted by	Dept. Of BOTANY, ECO-CLUB & NSS
4	No. of Students attended	100
5	Chief Guest	Principal and Staff
6	Convener	2. Sri. G. MANI KUMAR Lect In BOTANY 2. Sri D.SHIVA PHANIDRA NSS PO

This year on 5th June our college (SGK Govt Degree College vinukonda) celebrated world environment day. Eco Club and college unit of NSS organized a series of events in order to create awareness on protection of our environment. Addressing the students, Principal Dr. K. Srinivasa Rao garu appealed the students to ensure the saplings healthy nurturing by watering them daily. He appealed to the students to adopt trees for the 100% survival and healthy growth of saplings into trees.



Keeping the spirit of world environment day a tree plantation programme was held in our college. Planted 50 saplings in and surrounding areas of our college.



All faculty members of the college participated in the plantation drive



Students also contributed to tree plantation drive.



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



Principal

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

Blood Donation awareness Programme

NSS,RRC along with Redcross Society conducted Blood Donation awareness session on 28/12/2021. Dr. L. Narasimharao,MD,NIMS Hospital, Vinukonda acted as Chief Guest.Sk Rasool, Sri R.Kiran from Redcross society motivated students to donate help and save lives.

