

Dr. LANKAPALLI BULLAYYA COLLEGE : VISAKHAPATNAM

1.3.1 - List And Description Of Courses Addressing Cross Cutting Issues In Curriculum

Sl.No	Course Name	Description
1.	B.A	As per the syllabus prescribed by
	B.Sc	APSCHE, students of every branch
	B.Com	have to go through a course on life
	BBA	skills and skill development in each
		semester of their study.
		In the first semester the students from
		physical sciences are trained on
		Electrical Appliances and Life Sciences
		students are imparted knowledge on
		Plant Nursery. Along with this as a part
		of life skill the students are also taught
		Human Values and Professional Ethics.
		In second semester the B.Sc and B.A
		students are made aware of the Indian
		Culture through a Life Skills paper,
		Indian Culture and Science.
2.	B.A	In the Third semester Students of B.A,
	B.Sc	B.Sc, B.Com and BBA undergo a
	B.Com	course, Personality Development and
	BBA	Leadership, which inculcates
		Leadership Qualities in them.
		In addition to this the students of B.Sc
		are trained on Environmental Audit.



Dr. L. BULLAYYA COLLEGE VISAKHAPATNAM



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

3rd, 4th and 5thfloors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road, Atmakur (V), Mangalagiri(M), Guntur-522 503, Andhra Pradesh **Web**: www.apsche.org **Email**: acapsche@gmail.com

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

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 **ENVIRONMENTAL AUDIT**

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

Learning Outcomes:

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

- 1. Understand the basic concepts Environmental health
- 2. Learn and identify the industrial pollution
- 3. Explain the highlights in the regulatory aspects of Environmental law and policy
- 4. Understand the various phases of Environmental Audit

UNIT - I

Industrial Pollution and its effects

06h

Climate - Weather and Air Pollution - Classification of water and water bodies - Water Quality Parameters - Water Pollution - Sources - Classification, nature and Toxicology of water pollutants. - Soil parameters - Soil pollution and impacts - Soil conservation

UNIT - II

Environmental Law & Policy:

09h

Highlights of the Acts, Institutional arrangements for: (1) The Water (Prevention & Control of Pollution) Act, 1974 amended in 1988; (2) The Air (Prevention and Control of Pollution) Act, 1981 amended in 1987; (3) The Water (Prevention and Control of Pollution) Cess Act, 1977 amended in 1991; (4) The Environment (Protection) Act, 1986; (5) The Public Liability Insurance Act, 1991; - Indian Policy Statement for abatement of Pollution, 1992.

UNIT - III

Environmental Audit - Scope & Requisites:

10h

Environmental Audit: Definition; Objectives; Scope, Coverage - GOI Notification on Environmental Audit - Benefits to Industry. Reporting Environmental Audit Findings -Importance of Environmental Audit Report to industry, public and the governments.

Co-curricular Activities Suggested:

05h

- Visit to understand Institutional arrangements and functioning of Pollution Control Boards.
- 2. Visiting different Ecosystems
- 3. Soil analysis: Determination of soil type and texture, pH, Soil Moisture, Nitrogen, Potassium and Phosphorous.
- 4. Water analysis: Determination of pH, Dissolved solids and suspended solids, Dissolved Oxygen, COD, BOD.
- 5. Assignments, Group discussion, Quiz etc.

Reference books and websites:

- 1. Environmental Education in India by K.R. Gupta
- 2. Environmental Legislation in India by K.R. Gupta
- 3. https://parivesh.nic.in/
- 4. https://www.cpcb.nic.in/
- 5. https://www.free-ebooks.net/environmental-studies-academic

Recommended MODEL QUESTION PAPER FORMAT

Max. Marks: 50

Time: 11/2 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)

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<u> </u>	SECTION B	(3x10M = 30 Marks)
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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. Write any three global environmental problems?
- 2. Write a short note on soil pollution and its impact?
- 3. What is BOD and explain its significance in determining the quality of water?
- 4. What are the objectives of the environmental Acts and the Institutional arrangements
- 5. Write a brief note on the environmental laws that governs the water pollution
- 6. Write a brief note on the functioning of central and state pollution control boards?
- 7. What are the objectives of environmental audit
- 8. What is GoI notification on environmental audit?

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. What is water pollution and explain in detail about the water pollutants?
- 2. What is air pollution and explain in detail about the air pollutants?
- 3. Write an essay on the Water (Prevention & Control of Pollution) Act, 1974 amended in 1988
- Write an essay on the Air (Prevention and Control of Pollution) Act, 1981 amended in 1987
- 5. What is environmental audit and explain the various stages involved in it and the benefits of environmental audit to the industry?

A.P. State Council of Higher Education B.A., B. Com & B. Sc Programmes

Revised CBCS w.e.f 2020-21 LIFE SKILL COURSE

Indian Culture & Science

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. Understand the evolution of India's culture
- 2. Analyze the process of modernization of Indian society and culture from past to future
- 3. Comprehend objective education and evaluate scientific development of India in various spheres
- 4. Inculcate nationalist and moral fervor and scientific temper

Syllabus:

Unit - I: Unity in Diversity in India: (09 hrs)

Coexistence of various religions since ancient times - Hinduism, Buddhism, Jainism and Atheism, and later Sikhism, Islam and Christianity

The Bhakti (Vishnavite and Saivaite) and Sufi Movements

The concepts of seela, karuna, kshama, maitri, vinaya, santhi and ahimsa Achievements in Literature, Music, Dance, Sculpture and Painting - Craftsmanship in cloth, wood, clay, metal and ornaments

Cultural diversity, Monogamy, Family system, Important seasonal festivals

Unit - II: Social Reforms and Modern Society: (09 hrs)

Reforms by Basaveswara - Raja Rama Mohan Roy - Dayananda Saraswathi -Swamy Vivekananda -Mahatma Gandhi - B. R. Ambedkar - Reforms in Andhra by Vemana, Veerabrahmam, Gurajada, Veeresalingam and GurramJashua (only reforms in brief, biographies not needed)

Modern Society: Family unity, Community service, Social Harmony, Civic Sense, Gender Sensitivity, Equality, National Fervor

Unit - III: Science and Technology: ((09 hrs)

Objectivity and Scientific Temper - Education on Scientific lines (Bloom's Taxonomy) - Online Education

Developments in Industry, Agriculture, Medicine, Space, Alternate Energy, Communications, Media through ages

Co-curricular Activities Suggested: (03 hrs)

- 1. Assignments, Group discussions, Quiz etc
- 2. Invited Lecture by a local expert
- 3. Visit to a scientific institutions, local heritage sites, museums, industries etc

Reference Books:

- 1. History of India and Culture (Upto 1526 A.D), Telugu Academy
- 2. History of India and Culture (1526 A.D to 1964), Telugu Academy
- 3. Basham, A.L (ed), A Cultural History of India
- 4. Hana S. Noor Al-Deen&J.A.Hendricks, Social Media: Usage and Impact
- 5. Bipan Chandra, Aditya Mukherjee, Mridula Mukherjee, India After Independence
- 6. S.K.Thakur, ISRO: History and Acheivements
- 7. V. Ramakrishna, Social Reform Movement Andhra, Vikas Publications

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 1/2 hr (90 Min)

SECTION A (Total: 4x5=20 Marks)

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

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SECTION B (Answer any three questions. Each rewsna carries 10 marks (Total: 3x10 = 30 Marks) (At least 1 question should be given from each Unit)

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ANDHRA UNIVERSITY

Telegrams: UNIVERSITY Telephone: 284 4000 Fax: 0891 - 2755324



All Official letters, packages etc, should be addressed to the Registrar by designation and not by name

> Visakhapatnam, Dt: 28-04-2021.

No. L1(1)/UG Courses (CBCS)/2021.

From: THE REGISTRAR

To

The Principals of the All Affiliated Colleges (U.G.), Courses (B.A., B.Com., B.Sc., B.B.A.)

Sir/Madam,

Sub :

Revised Choice Based Credit System (CBCS) Syllabus (w.e.f.

2020- 21) U.G. Courses - Requesting - Reg.

Ref :

1.Lr.No. APSCHE/AC/CBCS-2019-20/Review, Andhra Pradesh State

Council of Higher Education, Dt. 04-08-2020.

2. This office letter even No. Dated 24-02-2021. and 17-03-2041

I am by direction to inform that the Principals of the affiliated colleges to strictly adhere to the APSCHE guidelines for the revised Choice Based Credit System (CBCS) syllabus placed in A.U. website w.e.f the academic year 2020-21.

In this regard, I am to inform that if any syllabus is not available on A.U. website, please bring it to the notice of Dean, Academic Affairs/Registrar, A.U to take necessary further action.

Thanking you,

Yours faithfully

(M. HEMA NAIK)
DEPUTY REGISTRAR (ACADEMIC)

Copies to:

The Dean of Academic Affairs, A.U., VSP.

2. The Dean, U.G. & P.G, Professional Courses, A.U., Vsp.

The Dean, CDC, A.U., Vsp.

4. The Dean, Confidential, A.U., Vsp.

5. The Controller of Examinations, A.U., Vsp.

The Secretary to V.C., Rector Table, P.A. to Registrar, A.U., Vsp.

7. The Director, Computer Centre, A.U., Vsp.

8. O.C. & O.O.F.

A.P. STATE COUNCIL OF HIGHER EDUCATION

GUIDELINES FOR THE REVISED CHOICE BASED CREDIT SYSTEM CBCS (W.E.F 2020-21)

I. Preamble:

Choice Based CreditSystem (CBCS) was introduced, under the aegis of Andhra Pradesh State Council of Higher Education (APSCHE), at the insistence of the University Grants Commission, for the general undergraduate programmes, i.e., BA, BCom, BSc, BCA, BBA, UG Honours etc., by the affiliating universities in all government, aided and private degree colleges in the state of Andhra Pradesh in 2015 - 2016.

The system of CBCS has been in vogue for the undergraduate programmes in all the advanced countries for several decades and proved to be advantageous to the students of higher education because of its features like courses in place of papers, availability of diverse courses, scope for choice, weightages with credits, space for multiple kinds of teaching, learning and assessing methods which can effectively cater to the diverse needs of students.

As the existing CBCS would be completing five years by 2019-20, the APSCHE decided to revise and strengthen the scheme while addressing the following issues.

- a. Overcoming the shortages in the existing system.
- Consolidating the system in its true spirit by providing multiple choices in domain as well as general courses.
- c. Revising the curricular framework wherever needed.
- d. Orienting syllabus to the course outcomes as advised by UGC
- e. Updating of syllabus to match to the present needs
- f. Replacing papers with courses
- g. Introducing better skill-oriented courses to align with the emerging and employment areas.

For carrying out the above task, the APSCHE constituted a Committee for recommending revised curricular framework and updated syllabus of UG Programmes,

i.e., B.A., B.Com., B.Sc., BCA, BBA, UG Honouss etc., under CBCS pattern from the year 2020-21.

Based on the recommendations of the Committee, the following Guidelines are formulated. These Guidelines of Curricular Framework with revised Choice Based Credit System comes into effect from the academic year 2020 – 2021, to be strictly adhered for all Undergraduate Programmes offered in Affiliated Colleges and Autonomous Colleges.

- The Curricular Framework for UG Arts; UG Science and UG Commerce are appended as Annexures – I, II & III respectively.
- 2. Life Skill Courses: There will be 4 Life Skill Courses in place of earlier 10 foundation courses with the same hours, credits and maximum marks. The objective is to inculcate the required simple life-long skills. While the course in 'Environmental Education' continued to be mandatory, in case of others, students can opt one out of three courses, unlike in the existing system, where no choice is being given to students.
- 3. Skill Development Courses: A new set of 4 Skill Development Courses will be offered with 2 hours of teaching per week, two credits, 50 maximum marks and only external assessment. These courses are intended to train students in broad-based multiple career oriented general skills, in Arts, Commerce and Science streams but open to all students. A wider choice is given to students as they can choose one course from a total of six courses (two from each stream).
- 4. The preferred departments for teaching LSCs and SDCs are appended.
- To ensure accountability among the teachers teaching LSCs and SDCs courses, the workload of these is to be reckoned for the calculation of workload of teachers.
- 6. Core Courses: Three core courses of Domain subjects will be in the first three semesters, and the fourth and fifth courses will be in the fourth semester. Two domain SECs will be in the fifth semester. There will be uniformly five Core Courses in each Domain Subject in BA and BSc, and 15 in BCom.

- 7. Skill Enhancement Courses: Two Skill Enhancement Courses will be offered for each domain subject, in Semester V. The two Skill Enhancement Courses of each domain subject will be linked for a wider basic and practical experience to students.
- 8. Programmes like BCA, BBA, UG Honours etc. will broadly have a similar framework as prescribed for B.Com considering them as single major subject programme.
- 9. Table-1: Main Features of the Courses in the Revised Curricular Framework.

Subject/Course	Hours / Week Theory	Hours / Week Practicals	Total Hours	Credits	Max Marks Internal Assessment	Max Marks University Exam	Total
Life Skills	02	-	02	02	-0-	50	50
Skill Development Course	02	-	02	02	-0-	50	50
Language Subject	04	-	04	03	25	75	100
Domain Arts/Commerce Subject	05	-	05	04	25	75	100
Domain Science Subject	04	02	05	05 (4+1)	25	75	100
Mathematics	06	-	06	05	25	75	100

10. The four courses of LSCs, SDCs and three courses of Languages (as they exist now) will be offered in the first three semesters as shown in the table below. The detailed structure is shown in Tabel-2 below.

Courses of	Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V
Life Skills	1 (02)	1 (02)	2 (04)		
Skill Development	1 (02)	2 (04)	1 (02)		
Language – 1	C-1 (04)	C-2 (04)	C-3 (04)		1 - 14 4
Language – 2	C-1 (04)	C-2 (04)	C-3 (04)		
Domain Sub -1	C-1 (06)	C-2 (06)	C-3 (06)	C-4 (06)	SEC-1(06)

		T	1	C-5 (06)	SEC-2 (06)
Domain Sub -2	C-1 (06)	C-2 (06)	C-3 (06)	C-4 (06) C-5 (06)	SEC-1(06) SEC-2 (06)
Domain Sub -3	C-1 (06)	C-2 (06)	C-3 (06)	C-4 (06) C-5 (06)	SEC-1(06) SEC-2 (06)
Total Hours/Week	30	32	32	36	36

* Figures in parenthesis are hours per week of Core Courses of Science. In respect of Arts and Commerce Courses, the hours per week for Core Courses will be 5.

** SEC1 and SEC-2 in Sem-V are C-6 and C-7 respectively.

- 11.Teaching of two appropriate LSCs/SDCs are to be assigned to the language departments to mitigate the workload shortage for the language subjects, as being done in respect of Foundation Courses in the previous system. The workload for teaching LSCs and SDCs by the respective language department shall be reckoned while calculating their workload.
- 12. The syllabus was revised and updated keeping the Leaning Outcomes in view for ensuring higher order learning and skills, a requirement in higher education. The Universities and colleges shall make certain that teaching, learning and assessment are outcome oriented.
- 13. In the affiliation system which imposes limitations in assessing students, the internal assessment is crucial in ensuring the right learning. Universities and colleges may strengthen the internal assessment without disturbing its flexibility.
- 14. Co-curricular activities play an important role in promoting experiential self-learning and field-based learning in students, especially in learning higher order skills. The measurable pedagogical activities can be a small part of internal assessment.
- 15. The respective Boards of Studies of the affiliating universities/autonomous colleges may modify the syllabus prepared by the subject committees as mentioned above to a limited extent, without disturbing the Frame work recommended above.
- 16.In view of the advantages of using ICT in teaching and learning, the universities and colleges may offer 'online courses' on extra credits. They may take into consideration the standardized online courses offered by various government/public agencies and also may design their own new online courses following due procedures.

- 17. Similarly, online programmes such as Webinars, with greater participation of students, may be encouraged in colleges.
- 18. The system of credit transfer facilitates students getting better training at appropriate places. The universities may discuss and develop a uniform system and guidelines in this regard across the state. The number of credits earned under credit transfer shall, however, be limited to a small number. APSCHE will issue separate guidelines.
- 19.To ensure inculcating social responsibility and compassionate commitment among the students, the summer vacation in the intervening 1st and 2nd years of study shall be for Community Service. Detailed guidelines on the Community Service will be circulated shortly.
- 20. To make the students employable, an Apprenticeship / Internship / On the job training shall be undertaken by the students in the intervening summer vacation between the 2nd and 3rd years.
- 21. During the entire 6th Semester, the student shall undergo Apprenticeship / Internship / On the Job Training. This is to ensure that the students develop hands on technical skills which will be of great help in facing the world of work.
- 22.APSCHE shall issue guidelines for the implementation and assessment of the Apprenticeship / Internship / On the job Training.

LIST OF LIFE SKILL COURSES

Semester	No. of Courses	Choices	Preferred Teaching Dept.
I	01	Computer Applications Human Values and Professional Ethics Entrepreneurship	Computers English/Telugu/Any Dept Commerce
II	01	Information and Communication Technology	Computers
		Indian Culture and Science Elementary Statistics	History/Telugu Statistics/Maths/Economics/ Commerce
III	02	Health and Hygiene Personality Development and Leadership	Zoology/Botany English/ Any Dept Maths/Statistics
		Analytical Skills Environmental Education	Botany/Zoology/Environmenta Sciences/Any Dept.

List of Skill Development Courses along with their Semester-wise allotment with choices. Preferred Teaching Departments are given in the parenthesis.

Sem	No. of Courses	Stream – A (Arts)	Stream – B (Commerce)	Stream – C (Science)
1 01		Tourism Guidance (History)	Secretaryship	Electrical Appliances (Physics)
		Public Relations (Pol Sci /English)	Insurance Promotion	Plant Nursery (Botany)
II	02	Journalistic Reporting	Agricultural Marketing	Solar Energy (Physics)
		(English)		
		Survey & Reporting (Economics/History)	Business Communication (English)	Fruit & Vegetable Preservation (Botany)
		Social Work Methods (Pol Sci)	Advertising	Dairy Techniques (Zoology)
		Performing Arts (Telugu)	Logistics & Supply Chain	Food Adulteration (Chemistry)
111	01	Financial Markets (Economics)	Online Business	Environment Audit (Chemistry)
	**	Disaster Management (English /Telugu)	Retailing	Poultry Farming (Zoology)