

Interdisciplinary Courses of Department of Humanities

Sr. No.	Course Type	Course Code	Course Name	L	T	P	Credits
1	ID	SSC001	Gender Equity	3	0	0	3
2	ID	SSC002	HUMAN VALUE EDUCATION	3	0	0	3
3	ID	SSC003	NUTURITION AND HEALTH EDUCATION	3	0	0	3
4	ID	SSC005	HUMAN VALUES & PROFESSIONAL SKILLS	3	0	0	3
5	ID	SSC006	HUMAN VALUES & PROFESSIONAL ETHICS	3	0	0	3
6	ID	ENG003	TECHNICAL WRITING AND PRESENTATION SKILL	3	0	0	3
7	ID	ENG004	COMMUNICATION SKILLS-I & PERSONALITY DEVELOPMENT	2	0	2	3
8	ID	ENG006	TECHNICAL WRITING SKILLS	3	0	0	3
9	ID	ENG007	PROFESSIONAL COMMUNICATION SKILLS	3	0	0	3

Interdisciplinary Courses of Department of Education

Sr. No.	Course Type	Course Code	Course Name	L	T	P	Credits
1	ID	EDU002	CORE LIFE SKILLS	3	0	0	3

GENDER EQUITY

Course Code	SSC001
Course Title	Gender Equity
Type of course	ID
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will be able to acquire knowledge and understanding of theory and concepts related to gender and gender relations 2. The students will be able to critically reflect how gender is a development issue.
Course Outcome	The students will analyse the evolution of thinking and approaches around gender and development.

UNIT I

Concept of sex and gender
Gender attributes and questions of identity.

UNIT II

Empowerment- concept and meaning.
Definition of feminism, feminist and women movements in U.S.A, U.K., France and India

UNIT III

Women development and development organizations.
Impact of development on gender.

UNIT IV

Policies and current debates on women rights.
Role of UN in establishing gender equality.
Violence against women and need for reforms.

Text and Reference Books:

S.No.	Author(S)	Year	Title	Publisher
1	Jayachandran, Seema	2014	The Roots of Gender Inequality in Developing Countries	NBER Working Paper No.20380. Issued in August 2014
2	Duflo, Esther	2012	Women's Empowerment and Economic Development	<i>Journal of Economic Literature</i> , 50(4): 1051-79.

HUMAN VALUE EDUCATION

Course Code	SSC002
Course Title	Human Value Education
Type of course	ID
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will be able to understand the need, content and process and basic guidelines of value education. 2. The students will be able to develop right understanding for right living.
Course Outcome	The students will realize and exercise the significance of values for sustainable development.

UNIT-I

Concept and purpose of Value Education.

Continuous happiness and prosperity as basic human aspirations

UNIT-II

Right understanding, relationship and physical facilities as the basic requirements for fulfillment of human aspirations, Method to fulfill human aspirations.

Understanding human being as a co-existence of the self and the body

UNIT III

Correct appraisal of physical needs.

Trust and respect as the foundational values of relationship

UNIT-IV

Extending relationship from family to society

Comprehensive human goals, Programs needed to achieve the comprehensive human goal

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	R .R Gaur,R. Sangal and G. P. Bagaria	A Foundation Course In Human Values And Professional Ethics	Excel Books
2	M .G. Chitkara	Education and Human Values	APH Publishing Corporation, Darya Ganj, New Delhi.
3	R. P. Sharma & Madhulika Sharma	Value Education And Professional Ethics	Kanishka Publisher, New Delhi

NUTRITIOUS DIET AND HEALTH

Course Code	SSC003
Course Title	Nutritious Diet And Health
Type of Course	ID
L T P	3:0:0
Credits	3
Course.Prerequisite	N.A
Course Objectives	To familiarize students with fundamentals of food, nutrients and their relationship to Health
Course Outcome	Students will promote awareness with respect to deriving maximum benefit from available food resources.

UNIT I

Basic concepts in food and nutrition ,periods Basic terms used in study of food and nutrition Understanding relationship between food, nutrition and health, Functions of food- Physiological, psychological and social

UNIT II

Functions, dietary sources and clinical manifestations of deficiency/ excess of the following nutrients: Carbohydrates, lipids and proteins, Fat soluble vitamins-A, D, E and K, Water soluble vitamins – thiamine, riboflavin, niacin, pyridoxine, foliate, vitamin B12 ,vitamin C, Minerals – calcium, iron and iodine

UNIT III

Selection, nutritional contribution and changes during cooking of the following food groups: Cereals Pulses Fruits and vegetables, Milk& milk products Eggs, Meat, poultry and fish, Fats and Oils

UNIT IV

Methods of Cooking and Preventing Nutrient Losses, Dry, moist, frying and microwave cooking Advantages, disadvantages and the effect of various methods of cooking on nutrients Minimizing nutrient losses, Weights and measure

Text and Reference Books:

S.No.	Author's	Title	Publisher
1	Srilakshmi B	Nutrition Science	New Age International (P) Ltd
2	Srilakshmi B	Food Science	New Age International (P) Ltd

Human Values & Professional Skills

Course Code	SSC005
Course Title	Human Values & Professional Skills
Type of Course	ID
L T P	3 0 0
Credits	3
Course Prerequisites	Nil
Course Outcome (CO)	<ol style="list-style-type: none"> 1. To help the students to discriminate between valuable and superficial in the life. 2. To help develop the critical ability to distinguish between essence and form, or between what is of value and what is superficial, in life.
Course Outcome	<ol style="list-style-type: none"> 1. Students will behave ethically and promote human values in society. 2. Students will behave professionally.

UNIT I

Introduction: Need, Basic Guidelines, Content and Process for Value Education Understanding the need, basic guidelines, content and process for Value, Education. Self Exploration- its content and process; Natural Acceptance and Experiential Validation- as the mechanism for self exploration. Continuous Happiness and Prosperity- A look at basic Human Aspirations, Right understanding.

UNIT II

Understanding Harmony in the Human Being: Harmony in Myself! Understanding human being as a co-existence of the sentient, I and the material “Body” Understanding the needs of Self (“I”) and “Body”–Sukh and Suvidha, Understanding the Body as an instrument of Understanding the characteristics and activities of “I” and harmony in “I” .

UNIT III

Understanding Harmony in the Family and Society: Harmony in Human, Human Relationship Understanding harmony in the Family- the basic unit of human interaction, Understanding values in human-human relationship, Trust (Vishwas) and Respect (Samman) as the foundational values of relationship Understanding the meaning of Vishwas; Difference between intention and competence Understanding the meaning of Samman, Difference between respect and differentiation.

Understanding Harmony in the Nature and Existence: Whole existence as Co-existence Understanding the harmony in the Nature, Interconnectedness and mutual fulfillment among the four orders of nature recyclability and self-regulation in nature.

UNIT IV

Professional Ethics: Implications of the above Holistic Understanding of Harmony on Professional Ethics Natural acceptance of human values, Definitiveness of Ethical Human Conduct, Basis for Humanistic Education, Humanistic Constitution and Humanistic, Universal Order Competence in professional ethics: Ability to utilize the professional competence for augmenting universal human order, Ability to identify the scope and characteristics of people friendly and ecofriendly production systems.

RECOMMENDED BOOKS			
Sr. no.	Name	AUTHOR(S)	PUBLISHER
1	Small is Beautiful: a study of economics as if people mattered	E.F. Schumacher	Blond & Briggs, Britain.
2	Science and Humanism	PL Dhar, RR Gaur	Commonwealth Purblishers
3	Human Values	A.N. Tripathy	New International Age Publishers

Human values & Professional Ethics

Course Code	SSC006
Course Title	Human values& Professional Ethics
Type of Course	ID
L T P	3:0:0
Credits	3
Course Prerequisites	None
Course Objectives (CO)	To help the students to discriminate between valuable and superficial in the life. To help students develop sensitivity and awareness; leading to commitment and courage to act on their own belief. This Course will encourage the students to discover what they consider valuable. Accordingly, they should be able to discriminate between valuable and the superficial in real situations in their life. This course is an effort to fulfill our responsibility to provide our students significant input about understanding
Course Outcome	<ol style="list-style-type: none"> 1. Students will behave ethically and promote human values in society. 2. Students will behave professionally.

UNIT-I:Course Introduction-Need, Basic Guidelines, Content and Process for Value Education

: Understanding the need, basic guidelines, content and process for Value Education, Understanding Happiness and Prosperity correctly.

Understanding Harmony in the Human Being : Understanding the harmony with self and the Body: Sanyam and Swasthya.

UNIT II:Harmony in Human Relationship: Understanding harmony in the Family- the basic unit of human interaction, visualizing a universal harmonious order in society **Understanding Harmony in the Nature and Existence:** Understanding the harmony in the Nature, Holistic perception of harmony at all levels of existence

UNIT III: Understanding of Harmony on Professional Ethics: Ability to utilize the professional competence for augmenting universal human order, Ability to identify the scope and characteristics of people-friendly and eco-friendly production systems

UNIT IV:Strategy for transition from the present state to Universal Human Order: At the level of individual, at the level of society. **Case studies:** typical holistic technologies, management models and production systems

Recommended Books

S. No.	Author(S)	Year	Publisher
1	A Foundation Course in Value Education	R R Gaur, R Sangal	Excel Books Publishers
2	Energy & Equity	Ivan Illich	.The Trinity Press, Worcester, and HarperCollins, USA
3	Human Values and Professional Ethics	RishabhAnand	Satya Prakashan, New Delhi
4	Jeevan VidyaekParichay.	A Nagraj	Divya Path Sansthan,Amarkantak.

Technical Writing and Presentation Skills

Course Code	ENG003
Course Title	Technical Writing and Presentation Skills
Type of Course	ID
L T P	3 0 0
Credits	3
Course Prerequisites	General English
Course Objectives (CO)	Aims to teach oral and written skills in English with illustrations and examples drawn from project reports, paper presentations and published papers in scientific journals. The grammar exercises are not taught in a rule-based manner but through observation and use in specific contexts During the course, all participants make presentations and also critique the presentations by others. Emphasis is placed on teaching how to present the same findings orally and in writing.
Course Outcome	Students will use their technical writing and presentation skills effectively.

UNIT- I

Reinforcement of Language Skills: Correcting common errors- Verbosity – How to avoid unnecessary jargon – Words and Usage – List of “aura” words, Synonyms and Antonyms – Phrasing, Tense, Voice, Prepositions, Punctuation. Type of technical reports – creating specs, lab manuals, worksheets.

Unit II

Organization of Ideas

1. Preparing a Basic plan – Structuring the ideas, collecting the relevant materials
2. Creating Outlines – Headings of Sections, Topic Sentences.
3. Reviewing Sentences and Rewriting Paragraphs
4. Revising Drafts

Unit III

Format: Margins, Headings, Indentation, Pagination, Type face and fonts, Abbreviations, Symbols, Layouts, Proof reading Symbols

Contents of a Report: Cover and title page, Table of Contents, List of Tables and Figures, Preface, Foreword, Acknowledgement, Abstract, Introduction, Body (in Sections and Subsections), Results, Conclusions and Recommendations, Appendices, References

Unit IV

Presentation of the Report

Difference between Oral Presentations and Written Reports; How to give a good presentation, Proper use of technological aids; Discussion skill.

RECOMMENDED BOOKS			
Sr. no.	Name	Author(s)	Publisher
1	Technical Communication Principles and Practice	Meenakshi Raman, Sangeeta Sharma	Oxford University Press
2	Basic Technical Communication.	Gupta, Ruby and Anugrah Rohini Lall	Cambridge University Press
3	Basic Technical Communication	Kirkman, John	Pitman Publishing Ltd.,

Communication Skills and Personality Development

Course Code	ENG004
Course Title	Communication Skills and Personality Development
Type of course	ID
L T P	2 0 2
Credits	3 0 0
Course prerequisite	10+2 (Non Medical or Medical) or Equivalent
Course objective	Main objective of the extension subject is to introduce the students to communication skills and personality development.
Course Outcome	Students will use their communication skills and personality effectively.

Theory

UNIT-1 Communication Skills: Structural and functional grammar; meaning and process of communication, verbal and nonverbal communication.

UNIT-II

Listening and note taking, writing skills, oral presentation skills; field diary and lab record; indexing, footnote and bibliographic procedures.

UNIT-III

Reading and comprehension of general and technical articles, precise writing, summarizing, abstracting.

UNIT-IV

Individual and group presentations, impromptu presentation, public speaking; Group discussion. Organizing seminars and conferences.

Practical

1. Listening and note taking, writing skills, oral presentation skills.
2. Field diary and lab record; indexing, footnote and bibliographic procedures.
3. Reading and comprehension of general and technical articles, precise writing, summarizing, abstracting; individual and group presentations.

Recommended Books:

S. No	Name	Author(S)	Publisher
1	Agriculture Demonstration and Extension Communication	Ram Krishan	P S Jayasinghe Asia Publishing House
2	Communication Skills and Personality Development		Kalyani Publishers. Ludhiana,
3	Communication Skills and Personality Development		Nirali Prakashan

Technical Writing Skills

Course Code	ENG006
Course Title	Technical Writing Skills
Type of Course	ID
L T P	3 0 0
Credits	3
Course Prerequisites	Basic knowledge of the English language
Course Outcome (CO)	The students will be able to improve their communication skills
Course Outcome	Students will use their technical writing and presentation skills effectively.

UNIT I

Basics of Technical Communication- Functions of Communication-Internal & External Functions, Models-Shannon & Weaver's model of communication, Flow, Networks and importance, Barriers to Communication, Essential of effective communication (9 C's and other principles), Non-verbal Communication.

Unit II:

Basic Technical Writing: Paragraph writing (descriptive, Imaginative etc.), Precise writing, reading and comprehension, Letters – Format & various types.

UNIT III

Advanced Technical Writing: Memos, Reports, E-Mails & Net etiquettes, Circulars, Press Release, Newsletters, and Notices. Resume Writing, Technical Proposals, Research Papers, Dissertation and Thesis, Technical Reports, Instruction Manuals and Technical Descriptions, Creating Indexes, List of References and Bibliography.

UNIT IV

Verbal Communication- Presentation Techniques, Interviews, Group Discussions, Extempore, Meetings and Conferences.

A novel: The Glass Palace by Amitav Ghosh, Harper Collins, 2002, ISBN 9780007427468

RECOMMENDED BOOKS			
Sr. no.	Name	AUTHOR(S)	PUBLISHER
1	The Written Word	Vandana R Singh	Oxford University Press, New Delhi
2	Business Communication	KK Ramchandran,	Macmillan, New Delhi □ □
3	BusinesCommnication and Commnicative English	Swati Samantaray,	Sultan Chand, New Delhi. □ □

Professional Communication Skills

Course Code	ENG007
Course Title	Professional Communication Skills
Type of Course	ID
L T P	3 0 0
Credits	3
Course Prerequisites	Basic knowledge of English grammar and sentence making.
Course Objectives (CO)	The course is career oriented which aims to develop and improve the English language and proficiency of students in order to gain confidence in public and professional life and strengthen the abilities and skills pertinent to success.
Course Outcome	Students will use their technical writing and presentation skills effectively.

UNIT-I

Language Skills: Parts of Speech, Vocabulary, Phrase, Clause, Sentence and its types, Punctuation.

UNIT-II

Business Correspondence: Meaning of Business correspondence – Importance of Business Correspondence, Essential qualities of a business letters, types of business letters – cover letter, thank you letters, message through email and Fax. Acceptance letters, rejection letters, and withdrawal letters.

UNIT- III

Principles of communication: LSRW in communication. What is meant by LSRW Skills – Why it is important – How it is useful – How to develop the skills? Non verbal communication: Body language-Kinesics, Proxemics, Para linguistic, Chronemics Signs and symbols, Territory/Zone Oral: Speaking words, articulation and pronunciation.

UNIT- IV

Enhancing self esteem and Personality development: Self theory and the Johari window: Characteristics of fully functioning individuals, manifestations of low and high self esteem, techniques for enhancing self esteem, nurturance techniques.

Comprehension Skills: Collection of Short Stories: Khushwant Singh's *The Mark of Vishnu*

RECOMMENDED BOOKS

Sr. no.	Name	Author(s)	Publisher
1	Communication Skills	Loveleen Kaur	Satya Prakashan
2	A course in Communication Skills and English Grammar	Tanu Gupta, Titiksha Mittal	Ajay Publications Yamuna Nagar
3	Business Communication	Varinder Kumar, Bodh Raj	Kalyani Publishers

CORE LIFE SKILLS

Course Code	EDU002
Course Title	Core Life skills
Type of Course	ID
LTP	3 0 0
Credits	3
Course prerequisite	
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the student teachers to understand concept, process and practice of core life skills.2. To enable the student teachers to familiarize them with theories on Life Skills Approach.
Course Outcome	Students will use their life skills for positive change and well-being.

UNIT-I

Introduction

Life Skills: Concept, need and importance of life skills for human beings.
Core life skills prescribed by World Health Organization.

UNIT-II

Core Life Skills (I)

Skills of Self awareness and Empathy: Concept, importance for teachers in particular, integration with the teaching learning process.

Skills of Coping with Stress and Emotion: Concept, importance for teachers in particular, integration with the teaching learning process.

UNIT- III

Core Life Skills (II)

Skills of Building Interpersonal relationships: Concept, importance for teachers in particular, integration with the teaching learning process.

Skills of Critical thinking and Creative thinking: Concept, importance for Educationists, integration with the teaching learning process.

UNIT- IV

Core Life Skills (III)

Skills of Problem Solving and Decision making: Concept, importance for Educationists, integration with the teaching learning process.

Skill of Effective Communication: Concept, importance for human beings and Educationists, integration within the teaching learning process.

Recommended Books:**Text-Books:**

S.No.	Author(S)	Year	Title	Publisher
1.	Nair, .V. Rajasenan	2010	Life Skills, Personality and Leadership	Rajiv Gandhi National Institute of Youth Development, Sriperumbudur

Reference Books:

S.No.	Author(S)	Year	Title	Publisher
1.	Baron.A.Robert	2007	Psychology	Prentice-Hall of India Private Ltd, New Delhi
2.	Baumgardner. R. Steve., Crothers.K. Marie	2009	Positive Psychology	Dorling Kindersley India Pvt. Ltd. New Delhi
3.	Ciccarelli Sandra .K., Meyer Glen	2007	Psychology	Pearson Education Inc, New Delhi
4.	Carr Alan	2004	Positive Psychology	Routledge, New York