



**Dr. Bhimrao Ambedkar University, Agra**

A State University of Uttar Pradesh (Paliwal Park, Agra -282004)

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A Documentary Support

for

*Matric No. – 1.1.1*

**Programme Outcomes & Course Outcomes**

*under the*

**Criteria – I**

**(Curriculum Design and Development)**

*Key Indicator - 1.1*

*in*

*Matric No. – 1.1.1*

**MASTER OF SCIENCE IN HOME SCIENCE  
EXT. COMMUNICATION & MGMT (ECM)**

2002

  
Registrar  
Dr. B.R.A. University, Agra

NATIONAL EDUCATION  
POLICY

**Department of Extension Communication and Management ,  
Institute of Home Science,  
Dr. Bhimrao Ambedkar University, Agra**

Course code	Course type	Course Title B.Sc. (Home Science) VII SEMESTER/ M.Sc. (Home Science) I Semester	Marks		Total 100	Credit	Course Mapping		
			CI E	UE			EC	EPC	SDC
I	Theory Major	Research Methodology	25	75	100	4			
II	Theory Major	Development communication	25	75	100	4			
III	Theory Major	Gender sensitization for empowerment	25	75	100	4			
IV	Theory Major	Management of Human Service Organizations	25	75	100	4			
V	Practical major	Internship (major) Practical	25	75	100	4			
VI	Minor	Other faculty*	25	75	100	4			
VII	Project	Research project	25	75	100	4			
		<b>Total</b>			<b>700</b>	<b>28</b>			
Course code	Course type	Course Title B.Sc. (Home Science) VIII SEMESTER/ M.Sc. (Home Science) II Semester	Marks		Total	Credit	Course Mapping		
			CI E	UE			EC	EPC	SDC
VIII	Theory Major	Fundamentals of statistics	25	75	100	4			
IX	Theory Major	Extension Organization and Administration	25	75	100	4			
X	Theory Major	Participatory programme Management		75	100	4			
XI	Theory Major	Training and management	25	75	100	4			
XII	Practical major	Leadership and capacity building (major) Practical	25	75	100	4			
XIII	Project	Research Project	25	75	100	4			
		<b>Total</b>			<b>600</b>	<b>24</b>			
Course code	Course type	Course Title B.Sc. B.Sc. (Home Science) IX SEMESTER/ M.Sc. (Home Science) III Semester	Marks		Total	Credit	Course Mapping		
			CIE	UE			EC	EPC	SDC
XIV	Theory Major	Sustainable Development	25	75	100	4			
XV	Theory Major	Women Studies	25	75	100	4			
XVI	Theory Major	Media Planning and Evaluation	25	75	100	4			
XVII	Theory Major	Entrepreneurship Development	25	75	100	4			
XVIII	Practical	Computer Application in Designing	25	75	100	4			

	major								
XIX	Project	Research Project	25	75	100	4			
		<b>Total</b>			<b>600</b>	<b>24</b>			
Course code	Course type	Course Title B.Sc B.Sc. (Home Science) X SEMESTER/ M.Sc. (Home Science) IV Semeste	Marks		Total		Course Mapping		
			CIE	End Semester Examination			EC	EPC	SDC
XX	Theory Major	HIV/AIDS counselling	25	75		4			
XXI	Theory Major	Project Management	25	75		4			
XXII	Theory Major	Journalism and media	25	75		4			
XXIII	Theory Major	Indian Socio economic environment development perspectives	25	75	100	4			
XXIV	Practical major	Media production and journalism(Major practical)	25	75	100	4			
XXV	Project	Research project	25	75	100	4			
		<b>Total</b>			<b>600</b>	<b>24</b>			
		<b>Grand Total of 1<sup>st</sup> and 2<sup>nd</sup> year (I, II, III and IV semester)</b>			<b>2500</b>	<b>100</b>			

**Mapping of the course to employability/ Entrepreneurship/skill development :**

**Skill Development Courses** \*EC: **Employability Courses** \*EPC: **Entrepreneurship Courses**

Mapping of the course to Local/Regonal/National/Global need :

\*Loc:Local Need \*Reg:Reginal Need \*Nati: National Need \*Glob:Globe Need

## Programme Educational Objectives(PEOs)

M.Sc Extension Communication And Management

The Programme Educational Objective (PEOs) for the M.Sc Extension Communication And Management describes accomplishments that graduates are expected to attain within two year after gratuation

**PEOs-1:** To enable students to pursue research career in extension communication and management.

**PEOs-2:**To empower the students with analitical and research skill,enable them to work in NGOs and,Field work

**PEOs-3:**To develop Extension worker with professional ethics in order to address globel and societal issues for sustainable development.

## Program Outcomes (POs)

The student of M.Sc Extension Communication and Management will be able to

**PO-1:** To understand the concept of Extension Methods and Materials and provide foundation in extension communication and management.

**PO-2:** To develop knowledge about recent trends in extension education at regional, national and global levels.

**PO-3:** To develop understanding on community development, panchyat raj and rural welfare about policies and programmes for women, children and youth

**PO-4 :** To develop understanding regarding the types of communication methods, materials, functions, aids and teaching-learning process.

**PO-5:** To provide skills in participatory rural appraisal techniques and understanding of transfer of technology

**PO-6:** To develop understanding regarding the role of various mass media in Extension Communication and management and conduct fields studies and different projects of local and regional needs.

**PO-7:** To facilitate the students to work professionally and efficiently in academics, research , teaching, institutions and welfare programs, training, extension and community.

## Programme Specific Outcome (PSOs)

After the successful completion of M.Sc Extension Communication and management , the students will able to:

**(PSOs)-1:** 1: The objective of the Master's Programme in Extension Communication and management is to equip the students to apply knowledge in recent trends in extension education at regional, national and global level, types of communication methods, materials, functions, aids and teaching-learning process, the role of various mass media in Extension Communication and management etc.

**(PSOs)-2:**To enable the student in participatory rural appraisal techniques and understanding of transfer of technology .

**(PSOs)-3:**To conduct fields studies and different projects of local and regional needs in upliftment of society.

PSO-4: The study of Master of Extension Communication and management will impart in-depth understanding of basic aspects of Extension Communication and management pertaining to field applications that will make the students ready to contribute to:

- . Better awareness of the major issues at the forefront of the discipline.
- . Will possess an in-depth understanding of the area of Extension Communication and management for field work and research.

**M.Sc. (H.Sc.)**  
**Extension Communication**  
**and Management**  
**(Group – E)**  
**(2022)**

(As per NEP-2020 guidelines)  
Session- (2022-2023)

**Paper – I**  
**Research Methodology**  
**M.Sc. (Home Science) I Sem.**  
**M.Sc. (Gen.)**  
**Spl (Grp. ‘A’)**  
**Spl. (Grp. ‘B’)**  
**Spl. (Grp. ‘E’) /**  
**B.Sc. (H.Sc.) Semester VII**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course objective -**

The students will be able to know the types, tools and Methods of Research and develop ability to construct data appropriate to the Research Design.

UNITS	COURSE AND DETAIL	PERIODS
<b>UNIT- I</b>	<b>Introduction to Research</b>	<b>2</b>
	1. Meaning, purpose, approaches and scope in various field of Home Science	<b>3</b>
	2. Types of Research	<b>2</b>
	3. Selection of Research problem: need, relevance and feasibility	<b>3</b>
	4. Research Design: meaning, purpose and criteria( Experimental and Observational)	<b>2</b>
	5. Quantitative and Qualitative approaches	

<b>UNIT- II</b>	<b>Research Process</b>  1. Planning the Research  2. Defining the Research problem  3. Research Objectives: Definition and formulation of hypothesis/objectives  4. Review of related literature  5. Basics of Sampling: Sampling vs. Complete Enumeration Objectives, Principles and Limitations of sampling, Sampling Techniques, Size and Error	2 2 2 4           
<b>UNIT- III</b>	<b>Data Gathering Instruments/ Tools</b>  1. Primary and Secondary Data 2. Methods and Tools in Data Collection (Schedule, Questionnaire, Interview, Case Study Method etc.)  3. Measurement and Scaling Techniques 4. Validity, Reliability, Sensitivity of Data Collection Tools	1 4 4 3           
<b>UNIT- IV</b>	<b>Report Writing</b>  1. Summary, Conclusion and Recommendations 2. Writing References 3. Writing Process of Research Report: Formal Style of writing, Preface,	3 2 7           



	Chapterization, Headings, Tables and Figures, Appendices, Bibliography and Acknowledgement	
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### **Sessional Work:**

- Prepare a research plan of any field of Home Science.
- Prepare a Schedule/Questionnaire of the related topic using scaling techniques.
- Gathering information from pilot survey and make a sample master chart for analysis.

### **References:**

1. C. R. Kothari: Research Methodology- Method and Techniques
2. R. Kumar: Research Methodology: A step by Step Guide for Beginners
3. M. H. Gopal: Introduction to Research Methodology for Social Sciences
4. Good, Carter, Scales and Douglas: Methods of Research

### **Abbreviation:**

**CIE**- Continuous Internal Evaluation.

**UE** – University Examination.

### **Course Outcomes:**

**This course will enable the students-**

CO-1: To understand the significance of Research Methodology in Home Science Research.

CO-2: To study the types, tools and Methods of Research and develop the ability to construct data appropriate to the Research Design.

CO-3: To be able to appreciate and understand importance of writing scientifically.

### Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	2	1	-	-	1	1	2	1	1	1
CO2	1	2	1	-	-	1	2	2	1	1	1
CO3	1	1	1	-	-	1	1	1	1	1	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper: II**  
**Development Communication**  
**M.Sc (H.Sc) Spl (Grp.E) I Semester/**  
**B.Sc. (H.Sc.) VII Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course Objectives --**

The course will enable the students to understand the different approaches, issues pattern and perspective for development communication in india.

UNITS	COURSE AND DETAILS	PERIODS
1.	CONCEPTS 1) Definition, nature, role and significance of development and development communication. 2) Interrelation between development and development communication. 3) Global and historical perspectives of development communication.	2 2 2
II.	Models of Development Communication 1) Interdependent Model 2) Dependency Model	2 2 2



### **Sessional Work**

1. Seminar presentation on any topic from syllabus.
2. Academic assessment through short and long questions.
3. Discussions on issues related to development communication.

#### References:

Singh, Kartar (1999), Rural Development Principles, Policies and Management, Sage Publications India Pvt. Ltd., New Delhi.  
Mudy, B (1992) Designing Messages with audience participation, Sage, New Delhi.  
Naenla, U (1994) Development Communication, Maranand, New Delhi.  
Kotler, Roberts, Lee (2002) Social Marketing, Improving Quality of life, 2nd Edition, Sage, Thousands Oabs.  
Servaes, Jacobson and White (1996) Participatory communication for social change, sage, New Delhi.

### **Abbreviation:**

**CIE**- Continuous Internal Evaluation.

**UE** – University Examination.

#### **Course Outcomes:** -

The course will enable the students to -

CO-1: Make students understand the role of communication in development.

CO-2: Get acquainted with the approaches, issues, patterns and perspective for development communication in India

#### Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	2	1	2	2	2	2	1	1
CO2	1	1	2	2	1	1	2	2	1	1	2

**Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3**

**Paper-III**  
**Gender Sensitization for Empowerment**  
**M.Sc (H.Sc) Spl (Grp.E) I Semester/**  
**B.Sc. (H.Sc.) VII Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course Objective**The students will able to understand the concept, need, relevance and dimension of gender

Unit	COURSE AND DETAILS	Periods
1.	Gender and Gender Sensitization 1. Meaning, gender related definitions. changing trends, gender analysis matrix. .. 2. Gender role socialization and stereotypes. Shift from welfare to development and empowerment, gender in development, gender and development 3. Need and Focus on gender sensitization; gender in community diversity and its implications for Empowerment.	5  5  4
2.	Empowerment:  1. Meaning, elements, process, Facilitating and	4

3.	<p>inhibiting factors for empowerment.</p> <p>2. Dimensions of Empowerment – Education; Health and Nutrition; Social, Political and Legal; Decision making.</p> <p>3. National and international Policy for Empowerment of Women.</p> <p>Gender tools and methodologies:</p> <p>1. Gender budgeting.</p> <p>2. Technologies and empowerment –gender specific technologies, household technology interface, socio-cultural interface and women as consumer of technologies.</p>	<p>9</p> <p>6</p> <p>5</p> <p>5</p>
4.	. Gender Analysis Framework- 1.context, activities and resources, programme action profile	5

### **Sessional Work**

1. Study of Programmes for Women’s Development.
2. Study of status of women in various communities.
3. Awareness of women regarding gender specific programmes and policies.

### **References**

1. Gupta A.K., “Empowering women”, Abhisek Publication Chandigarh.

2. Devi Devi U. L, "Status & Employment of Women in India", Published by B.R. Publishing corporation Delhi-110052
3. Glosk K. , "Women in a Changing Society", Ashish publishing house 8/81, Punjabi Bagh, New Delhi.
4. Chaudhary J. N., "Divorce in Indian Society" Print well Publisher, Jaipur.
5. Shrivastava Vinita, "Employment of educated married women in India", National Publishing house 23 Dariya .... , New Delhi.
6. Siddiqi F. and Ranganattan,S., "Hand book on Women & Human rights A guide for social activists - Part-2, Kanishka Publication, New Delhi.
7. Duball, "Marriage & Family Development" J. B Lipp.co.
8. Gupta K., "Empowering Women" Abhisek Publication Chandigarh.
9. kalbagh C., "Women Employment & Work Place" New Delhi Discovery.
10. kohl,Y. "Violence against women"
11. Dutta R. K., "Crime against women" Insut Pvt. Ltd, New Delhi-110002.
12. Devi L., "Encyclopedia of Women & Development & Family Welfare".
13. Roy S, "Women in Power & Decision making" Rajat Publication, New Delh
14. Kushwaha S., "Women Welfare" Sone new Dimensions.
15. Gupta S. and Gupta M. "Role of women in the Twenty First Century" Sareee & sons, New Delhi-110002.
16. Pandey A. K., "Emerging Issues in Empowerment of Women"
17. Malik M, "Education & development of women" Seem Publication, New Delhi.

**Course Outcomes:**

This course will enable students-

CO-1: To understand the concept, need, relevance and dimension of gender empowerment.

CO-2:To get sensitized to gender disparities/imbbalances & problems of women.

CO-3: To understand the efforts at different levels for empowering women.

CO-4: To know the support system in the country for women's development.

**Abbreviation:**

**CIE**- Continuous Internal Evaluation.

**UE** – University Examination.

Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	2	1	1	1	-	2	1	2	2
CO2	1	1	2	2	1	1	2	1	1	1	2
CO3	1	-	1	1	1	2	2	2	1	1	1
CO4	1	1	1	1	1	1	1	2	1	2	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3



**Paper IV**  
**Management Of Human Service Organisations**  
**M.Sc (H.Sc) Spl (Grp.E) I Semester/**  
**B.Sc. (H.Sc.) VII Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

- **Course Objectives :** The students will be able to understand and apply the principles of management of human service organizations

UNIT	COURSE & DETAILS	PERIOD
I	Concept and management of service organizations  1. Need and nature of service organization in India. 2. Philosophy and significance in a developing nation. 3. Organizational structure of human service organizations. 4. Concept and importance ,functions of management ,approaches to management. 5. Planning ,implementation, personnel management, financial management ,administration and monitoring of organizational activities. 6. Managerial skills.	  2 2 2 3 4 2

II	<p>Organisations working for the service of various group: women,children,youth groups and groups with special needs.</p> <p>1. Government and non-government working for the service of:</p> <p>2 Women:- like national commission for women ,SEWA, Mahila Samakhya ,central social welfare Board,Bhartiya Gramin Mahila Sangh</p> <p>3 Children:- Indian council of child welfare ,integrated child development services, National institute for public co-operation and child development ,planned Parenthood Federation.</p> <p>4 Youth:- Nehru Yuvak Kendra ,YMCA,YWCA,YUVA.</p> <p>5 Groups with special needs:- physically and mentally handicapped, aged, destitute ,orphans street children like national Association for Blind, spastic society ,Help-age india, SOS village ,Dignity Foundation</p>	<p>3</p> <p>4</p> <p>5</p> <p>5</p> <p>5</p>
III	<p>Assessment of human service organizations:-</p> <p>1 Indicators of assessment</p> <p>2 Assessment of personal accountability</p>	<p>3</p> <p>2</p>
IV	<p>Concept of volunteerism</p> <p>1 Theories of volunteerism</p> <p>2 Profile of volunteers</p> <p>3 Motivation of volunteers.</p>	<p>2</p> <p>2</p> <p>2</p>

### Sessional Work

- 1 Identifying and visiting local human service organizations.
- 2 Disussion of case studies
- 3 Outline of oranisational structure of a selected organization

### Reference

- 1 Blake john and Lawrence peter(1992): The ABC of management :A handbook of management Terms and concepts. All India Travellers Book seller,New Delhi.
- 2 Chaudhry D.paul(1993): handbook of social welfare, Atma Ram &Sons, New Delhi.
- 3 Devi Rameshwari and Ravi prakash(1998): Social work and social welfare administration,vol.I&II:, Mangal deep publications, jaipur.

- 4 Krishna Raj Maithreyi,C.(1988): women and devoplment , the Indian Experience.
- 5 Moshal B.S.(1998): organization and management: Text and cases ,Galgolia Publishers, New Delhi.
- 6 Pareek, Udai (1994): Beyond management : Essay on institution Building and Related topics, Oxford university Press, Bombay.

**Course Outcomes:**

To enable the students to:-

- CO-1: Understand the concept of human service.
- CO-2: Become aware of the human service organizations.
- CO-3: To understand and apply the principles of management of human service organizations.

**Abbreviation:** CIE- Continuous Internal Evaluation. UE – University Examination.

Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	2	-	1	1	-	2	1	2	2
CO2	1	1	2	2	1	1	2	1	1	1	2
CO3	1	1	1	1	1	2	2	2	1	1	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper V**  
**Internship**  
**M.Sc (H.Sc) Spl (Grp.E) I Semester/**  
**B.Sc. (H.Sc.) VII Semester**

Instruction hours/week-4  
 Course Type-  
 Practical Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Work Experience/Internship**

**Focus:**

Knowing does not automatically result in the ability to “ do” or to “feel” which are necessary for professional development. Students need exposure to various setting in community and social welfare to enable them acquire some experience of working with specific target group like children , rural- women, adolescent, youth, aged and masses. The assignment will also provide an opportunity for student to get acquainted with innovative projects of community development and welfare. It is a sort of work experience for student.

**Course Outcomes:**

**CO-**This course will enable students to get an opportunity for exposure to the functioning of the specific agency.

**Placement Agencies –**

**KVK’S**, Family welfare agencies/ NGO’S / special cells of women in distress./ social welfare organization / Institution meant for international agencies, community radio station televisions institutions and dept. of mass communication and journalism, advertising agencies and old age homes and hospitals.

**Evaluation / Assessment of students performance may be done on following point -**

- a. Regularity and punctuality in attendance
- b. Ability to work in the team.
- c. Ability to be sensitive to the client.
- d. Initiative to organize specific programme.
- e. Proper record maintenance
- f. Oral presentation

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	-	2	1	1	1	2	1	1	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Students have to make presentation and submit a report at the beginning of IX Semester,**

**Paper – VII**  
**Research Project**  
**M. Sc. (Home Science) I Semester**  
**(General, Grp. ‘A’, Grp. ‘B’ and Grp. ‘E’)/**  
**B.Sc. (H.Sc.) Semester VII**

CIE – 25 Marks  
 UE – 75 Marks

Credits: 4

**Course outcomes:**

- CO-1: Demonstrate advanced critical research skills, to establish links between theory and methods within their field of study
- CO-2: Acquire research skills to develop a research proposal, understand protocol, design and manage a piece of original project work
- CO-3: Help to develop in-depth knowledge of the major subject/field of study, including deeper insight into current research
- CO-4: Develop capability to use a holistic view to critically, independently and creatively identify, formulate and deal with research topic

**Course Content:**

1. Identification of research problem
2. Preparation and finalization of synopsis

**Abbreviations:**

**CIE:** Continuous Internal Evaluation

**UE:** University Exam

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	2	1	1	1	2	1	1	2
CO2	1	2	1	1	1	1	1	2	2	2	2
CO3	2	1	1	1	1	1	2	2	2	2	2
CO4	1	1	2	2	2	1	2	1	-	2	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper – VIII**

**Fundamentals of Statistics**  
**M.Sc. (Home Science) II Sem.**  
**M.Sc. (Gen.)**  
**Spl (Grp. 'A') (C.D.)**  
**Spl. (Grp. 'B') (F.N.)**  
**Spl. (Grp. 'E') (E.E.)/**  
**B.Sc. (H.Sc.) Semester VIII**

**Course Type: Theory Major**  
**Credits: 4**  
**Teaching Periods: 4/ week**

**CIE – 25 Marks**  
**UE- 75**

**Course Objectives:** The students will able to learn Statistical Techniques to Research Data for analyzing and interpreting data meaningfully.

<b>UNIT- I</b>	<b>Introduction to Statistics</b>	<b>PERIODS</b>
	1. Meaning of Statistics and its scope in Home Science and other field of inquiry	<b>2</b>
	2. Processing of Data: Editing, Classification and Coding of Data	<b>3</b>
	3. Tabulation of Data	<b>2</b>
	4. Diagrammatical and Graphical representation of data: Significance of difference between Diagram and Graph, Types of Diagram and Graph (Bar Diagrams, Histogram, Polygon, Ogives)	<b>3</b>
	5. Formation of Discrete and Continuous Frequency Distribution	<b>2</b>
<b>UNIT- II</b>	<b>Statistical Measures</b>	
	1. Measures of Central Tendency (Mean, Median, Mode, Quartiles, Deciles, Percentiles)	<b>6</b>
	2. Measures of Dispersion/Variation (Range, Mean and Quartile Deviation, Standard Deviation, Coefficient of Variation)	<b>6</b>
<b>UNIT- III</b>	<b>Correlation, Regression and Association of Data</b>	
	1. Simple Correlation for Grouped and Ungrouped Data (Karl Pearson's , Spearman Rank Correlation), Basic concepts of	<b>5</b>

	Partial and Multiple Correlation	
	2. Simple Linear Regression for Grouped and Ungrouped Data	5
	3. Measures of Association	2
<b>UNIT-IV</b>	<b>Test of Significance</b>	
	1. Hypothesis, its type and error, Level of Significance, Critical Region, One Tailed and Two Tailed Test	2
	2. Large Sample Test: One sample and two sample test for population Mean and Proportion	2
	3. Small Sample Test: Applications of t- test (for one sample and two problems)	3
	4. Chi Square Test and its applications	2
	5. F- Test and its applications	3
	<b>Computer Applications in data Analysis</b>	
	• Use of Statistical Software in data analysis	

### **SESSIONAL Work**

- Summarization and Presentation of data using tables and graphs.
- Applications of Statistical Techniques to data analysis and interpretation of data.
- Applications of z, t F and Chi-Square test in hypothesis testing.
- All the above will be done using Statistical Software.

### **References:**

Hellan M. Walker.: Elementary Statistical Methods  
 Sharma. Choudhary and Gupta.: Descriptive Statistics  
 Elhance. D.N.: Elementary Statistics  
 S. P. Gupta : Statistical Methods  
 Shukla and Sahai: Principles of Statistics

### **Abbreviation:**

**CIE**- Continuous Internal Evaluation.  
**UE** – University Examination.

### **Course Outcomes:**

**This course will enable the students-**

**Co-1:** To understand the role of Statistics in Research.

**CO-2:** To apply Statistical Techniques to Research Data for analyzing and interpreting data meaningfully.

**CO-3:** To understand the use of Statistical Software in the analysis of data.

### Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	-	-	-	-	1	2	1	1	1
CO2	1	1	-	1	1	-	1	1	2	2	2
CO3	1	1	1	-	-	1	1	1	1	2	1

**Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3**



**Paper: IX**  
**Extension Organization and Administration**  
**M.Sc (H.Sc) Spl (Grp.E) II Semester/**  
**B.Sc. (H.Sc.) VIII Semester**

Instruction hours/week-4  
 Course Type  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

Course objectives: The students will able to Apply the principles of management to organizations/services.

	COURSE AND DETAILS	Periods
1.	Organization: 1. Meaning, concept, formal and informal organizations, units of organization. 2. Hierarchy- meaning, principles. 3. Span of control-scalar principle, departmentation, line & staff. 4. Delegation of Authority - principles of delegation, authority and responsibility, centralization and decentralization	3 3 4 4
2.	Administration: 1. . Concept: meaning, nature and purpose of administration in extension and rural development. 2. Principles of	4 4 8

	<p>administration:  principles, personnel  management,  competences needed  by extension  personnel.</p> <p>3. The administrative  setup functions and  specific programmes  of various  departments-  Agriculture, Animal  Husbandry,  Industries, Co-  operation, Social  Welfare, Health  Education, Adult  Education, Finance .</p>	
3.	<p>Coordination and  Supervision</p> <p>1. Coordination:  meaning and  importance; methods  of bringing about  coordination in  extension work</p> <p>2. Supervision:  Importance;  Difference between  supervision and  control; Techniques  of supervision.</p>	<p>3</p> <p>3</p>

4.	Documentation and Reporting:	3
	1. Meaning, Importance, Benefits, Good & Bad Documentation.	3
	2. Need for reporting and recording.	3
	3. Procedures for recording- aspects to be covered.	3
	4. Records and registers to be maintained in program implementing institutions.	

### **Sessional Work -**

1. Study of the setup at different levels and function of different hierarchy.
2. Placement at block level to observe the role of different functionaries.
3. Study of the records and registers maintained by various extension personnel. Preparation of reports.

### **References**

1. Dhama P. & Bhatnagar O.P., "Education & Communication for Development" Oxford IBH Publishing Co. Pvt. Ltd, New Delhi.
2. Morphet L, Johns L & Reller L, "Educational organization and administration"
3. Agarwal J.C. "Educational administration"
4. Mathur S.S., "Educational administration principles and practices"
5. Bhatt B.D. & Sharma S.R., "Educational administration"

**Abbreviation:**

**CIE**- Continuous Internal Evaluation.

**UE** – University Examination.

**Course Outcomes:**

This course will enable the students to:

**CO-1:** Understand the concepts and process of management.

**CO-2:** Realize the importance of management for achieving organizational goals.

**CO-3:** Apply the principles of management to organizations/services.

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	1	1	-	1	2	1	1	1
CO2	-	2	2	2	1	1	1	1	2	2	2
CO3	1	1	1	1	1	1	1	1	1	2	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper: X**  
**Participatory Programme Management**  
**M.Sc (H.Sc) Spl (Grp.E) II Semester/**  
**B.Sc. (H.Sc.) VIII Semester**

Instruction hours/week-4  
 Course Type  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

- **Course Objectives:**The students will able to learn the principle and procedures involved in programme planning, implementation and Evolution

UNITS	TOPICS AND DETAILS	PERIODS
1	Participatory planning- concept, importance, changing perspective of participatory extension in India. Process and techniques of participatory planning – RRA, PRA and PLA and their application in extension. Approaches of participatory planning – cooperative, democratic, bottom up and down	4 6 4
2	Strategic Planning – concept, meaning, concerns of strategic planning, functions of strategic management, types of planning – micro, macro, circular	5
3	Participatory Monitoring and Evaluation – concept, goals, objectives, steps	3

4	<p>I. Application of PERT, CPM, SWOT analysis in extension programme building- Work breakdown structure, Network development, Activity time assessment.</p> <p>II. participatory management through GO's and NGO's.</p>	<p>8</p> <p>2</p>
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### **Sessional Work**

1. Application of RRA, PRA, PLA techniques.
2. Study the role of officials and non-officials at various levels.
3. Visit to various departments and study the constraints of officials and non-officials.

### **References**

1. Tracy W. R., "Designing training & development system" Bombay T. publication.
2. Singh B. Manual, "Advances in Training Technology (manual IARI)"
3. Suri R.K. & Chhabra T.N., "Behavioural Dynamics in Organisation", Vanity Books International, New Delhi.
4. Phillips J.J., Handbook of Training Evaluation and Measurement Methods, Jaico Publishing House, Delhi
5. Dhama P. & Bhatnagar, O.P. "Education & Communication for Development" Oxford IBH Publishing Co. Pvt. Ltd, New Delhi.
6. Directorate of Extension Education, "Extension Education in community Development"
7. Sandhu A. S., "Agricultural communication"
8. Ray G. L., "Extension and Management Communication" Naya Prakash

## **Abbreviation:**

**CIE**- Continuous Internal Evaluation.

**UE** – University Examination.

### **Course Outcomes:**

This course will enable students -

- CO-1: To understand the process of programme planning in extension.
- CO-2: To develop the ability in planning extension programmes.
- CO-3: To learn the principle and procedures involved in programme planning, implementation and Evolution

### Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	1	1	1	1	2	2	1	1
CO2	2	2	1	1	1	1	1	1	2	2	2
CO3	1	1	1	1	1	1	1	1	1	2	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper-XI**  
**Training and Management**  
**M.Sc (H.Sc) General & Spl (Grp.E) II Semester/**  
**B.Sc. (H.Sc.) VIII Semester**

Instruction hours/week-4

Max Marks- 100

Course Type

CIE- 25

Theory Major

UE- 75

Credit-

Course objectives: The students will able to design training programmes for development

UNITS	COURSE AND DETAILS	PERIODS
1	1. Concept, need and importance of training. 2. Principles of Adult Learning. 3. Facilitation Skills in Training, Paraphrasing summarizing, question asking. 4. Training Process-phases of training process-Pre-training, training and post-training. 5. Conceptual models of training process-simple elaborated and spiral. 6. Participatory and conventional training.	3 2 3 3 3 3
2	Designing Training Programme: 1. Need Assessment-concept and techniques. 2. Designing overall training schedule	4 5



3	<p>Management of Training Programme</p> <ol style="list-style-type: none"> <li>1. Physical arrangements, selection of participants, selection of trainers/resource persons, aids and equipment transportation, finances, monitoring of training.</li> <li>2. Organizational factors- Working environment, leadership, values, mechanics of change, organizations as socio-technical systems-impact development.</li> <li>3. Developing organizational structures for facilitating micro and macro level interventions for facilitating development.</li> </ol>	<p>4</p> <p>4</p> <p>4</p>
4.	<p><b>Evaluation of training</b>  Issues in evaluation in training, evaluation of learning in terms of gain in knowledge, attitude and skills; measurement of change in behavior in participants; measurement of results/impact of training.</p>	10

**Sessional Work**

1. Designing training programmes for different developmental goals

2. Developing skills in selection and use of different training methods-case study, role playing, psychodrama, buzz group, group discussion, transactional analysis, process work, micro labs, business games etc.
3. Organizing and conducting training programmes.

**References**

1. William R. Tracy, “Designing training & development system” Bombay T. publication.
2. Singh B. Manual, “Advances in Training Technology (manual IARI)”
3. William R. Tracy, “Designing training & development sy

**Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE** – University Examination.

**Course Outcomes:**

This Course will enable students-

- **CO-1:** To be aware of the overall goals of designing training programmes for development.
- **CO-2:** To understand the different methodologies of Training.
- **CO-3:** To conceptualize the training process.
- **CO-4:** To develop skills in training programme

Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	-	1	1	1	1	2	2	1	1
CO2	2	2	1	1	1	1	1	1	2	2	2
CO3	1	1	1	1	1	1	1	1	1	2	1
CO4	1	1	1	-	-	1	2	2	1	1	2

**Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3**

**Paper-XII**  
**Practical: Leadership and Capacity Building**  
**M.Sc (H.Sc) Spl (Grp.E) II Semester/**  
**B.Sc. (H.Sc.) VIII Semester**

Course Type  
 Practical Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course Outcomes:**

Students will be able to learn about

- **CO-1:** Plan, Implementation of extension programme in the selected area **(with selected leaders)**.
- **CO-2:** Application of PRA and RRA techniques
- **CO-3:** Developing leadership qualities among different groups of people.
- **CO-4:** Report writing.

**Course Content:**

1. Selection of an area in Rural/ Slum.
2. Selecting leaders of the selected areas.
3. Plan, Implementation of extension programme in the selected area **(with selected leaders)**.
4. Application of PRA and RRA techniques
5. Developing leadership qualities among different groups of people.
6. Report writing.

Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	-	1	1	1	1	2	2	1	1
CO2	2	2	1	1	-	1	1	1	1	2	2
CO3	1	1	1	1	1	1	1	1	1	1	1
CO4	1	-	1	-	-	1	1	2	1	1	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE** – University Examination.

**Paper – XIII**  
**Research Project**  
**M. Sc. (Home Science) (General, Spl. Grp. ‘A’, ‘B’ & ‘E’) II Semester/**  
**B.Sc. (H.Sc.) Semester VIII**

CIE – 25 Marks  
UE – 75 Marks

Credits: 4

**Course outcomes:**

- **CO-1:** Demonstrate advanced critical research skills, to establish links between theory and methods within their field of study
- **CO-2:** Acquire research skills to develop a research proposal, understand protocol, design and manage a piece of original project work
- **CO-3:** Help to develop in-depth knowledge of the major subject/field of study, including deeper insight into current research
- **CO-4:** Develop capability to use a holistic view to critically, independently and creatively identify, formulate and deal with research topic

**Course Content:**

1. Review of Literature and methodology of the study
2. Finalization of Data collection tool

**Abbreviations:**

**CIE:** Continuous Internal Evaluation

**UE:** University Exam

Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	-	1	1	1	1	2	2	1	1
CO2	2	2	1	1	-	1	1	1	1	2	2
CO3	1	1	1	1	1	1	1	1	1	1	1
CO4	1	2	1	1	1	1	1	2	1	1	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper XIV**  
**Sustainable Development**  
**M.Sc (H.Sc) Spl (Grp.E) III Semester/**  
**IX Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

- **Course Objectives:**The students will able to Understand the relationship between environmentally sound technologies and sustainability. .

UNIT	COURSE DETAILS	PERIODS
1	1. Sustainability – meaning, concept and implications for development.	4
	Sustainable development – concept, philosophy, goals and challenges.	3
	2. Dimensions of sustainable development	2
	3. Theories of development	3
2	4. Changes in concept of development.	
	People’s participation and sustainability	
	1. People’s participation – history, concept and controversies,	3
	2. Types and forms in	3
		5

	<p>development initiatives.</p> <p>3. Relationship between participation, learning and sustainability, inter linkages of people's participation for building local knowledge, capacity of people and local institutions</p>	
3	<p>community resource perspectives</p> <p>1. concepts of resources, national and shared resources, ecological (air, water, fuel, flora and fauna)</p> <p>2. Indicators of environmental unsustainability.</p>	<p>4</p> <p>3</p>
4	<p>People's initiative and sustainability</p> <p>1. Ecology and resource conservation – concepts, biodiversity, resource conservation methods, renewable energy and resources</p> <p>2. Environmentally sound technologies; their impact on sustainable management of resources, adoption pattern.</p> <p>3. Environment and habitat.</p>	<p>8</p> <p>5</p> <p>5</p>

	Advantages and lacuna in the initiatives of different social structures in sustainable community resource management initiatives	
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### **Sessional Work**

- a. Study of community resources in the selected area.
- b. Leadership building
- c. Capacity building
- d. Self-reliance for Sustainable development.

### **References**

- 1- Dale, R. (2000): organization and development strategies, structure and processes sage publication, New Delhi.
- 2- Sinha PC( 1998) international and encyclopedia of sustainable development Vol. 1-20 Anmol publication pvt. Ltd New Delhi.

### **Abbreviation:**

**CIE**- Continuous Internal Evaluation.

**UE** – University Examination

### **Course Outcomes:**

This course will enable students to-

**CO-1:** Understand the concept of sustainability and development.

**CO-2:** Critically evaluate the inter linkages of people’s participation and sustainable development.

**CO-3:** Understand the community resources and identify the trends in the extent and consequences of utilization.

**CO-4:** Understand the relationship between environmentally sound technologies and sustainability.

### Course Mapping

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	1	1	1	1	1	2	1	1
CO2	2	2	1	1	-	1	1	1	1	2	2
CO3	1	1	1	1	1	1	1	1	1	1	1
CO4	1	2	1	1	1	1	1	2	1	1	2



**Paper-XV**  
**Women Studies**  
**M.Sc (H.Sc) Spl (Grp 'A' & Grp. 'E') III Semester/**  
**IX Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course Objectives:**

Students will be able to getgain knowledge regarding scope and perspectives to women' studies .

UNIT	COURSE & DETAILS	PERIOD
I	a) Meaning and scope of women's studies	3
		3
	b) Women's perspective and its constituent elements in present social economic and cultural context	4
		3
	c) Women's Movement in pre independent and post independent periods and present trends	
	d) Milestones and obstacles in women's Movement in India	
II	Feminism, its basic	

	types and their relevance to Indian context. Facts and myths of feminism.	4
	a) Importance of women's participation in economics, educational, social and political development.	4
	b) Gender role and sex role stereotypes. changes in educational, economic, social and familial status of women	
III	a) Population statistics and sex ratio	3
	b) Working women and challenges - problems of working women in unorganized sector	3
	c) Issues concerning Women-gender violence, dowry harassment and deaths, suicides. Commercial and religious prostitution, eve-teasing, family	6

	and domestic violence foetocide and infanticide, child marriage.	
IV	a) A critique of laws for women b) Women and mass media c) Women's health and family planning, health indicators d) National Women's Commission and State Commission for Women and their role in women studies and policy issues	5 3 3 4

**Sessional Work -**

- a) Observational visits to women's organization
- b) Planning and organizing awareness campaigns on vital women's issues
- c) Portrayal of women in mass media-newspapers, magazines, television, movies.  
- Critical analysis
- d) Situation analysis of gender equality and equity

**Reference –**

1. Astana P. 1974. Women movement in India; Vikas Delhi.

2. Baker, H.A. Berthieide, G.W. and other (Eds.) (1980) Women Today: A multidisciplinary approach to women's studies. Brooks/cole publication.
3. Joseph, A & Shama K. (Ede) (1994). Whose News? The media and women's issues: sage: New Delhi.
4. Jain D & Banerjee N. (1985) The tyranny of house hold, investigative essay on women and work: Vikas New Delhi.
5. Anderoson L. Margoret (1997) Thinking about women sociological perspective on sex and gender, allyn and bacon, A via com company. 160 gold stroet needhenin heights, U.S.A.
6. Dutta R.K. 2003 Crimes Against Women Reference Press.
7. Devi L. 1998 Encyclopedia of Women Development and Family Welfare. Volumes 1-6, Anmol Publication Pvt. Ltd. New Delhi.
8. Baruah A. 2003 Women in India Anmol Publication Pvt. Ltd.
9. Kahol Y. 2003 Violence Against women Reference Press.

### **Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE** – University Examination

### **Course Outcomes:**

**CO:** Students will be able to get knowledge regarding scope and perspectives to women' studies in cultural context and acquaint them to various important issues regarding women's studies and development.

### Course Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	3	1	1	1	2	1	2	1	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper: XVI**  
**Media Planning and Evaluation**  
**M.Sc (H.Sc) Spl (Grp.E) III Semester/**  
**IX Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit-4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course Objectives:**

Students will be able to understand the role of each media type: small and large group media.

<u>Unit</u>	<u>COURSE AND DETAILS</u>	<u>Periods</u>
1.	Media System: Trends and Techniques:  1. Concept, scope and relevance of media in society.  2. Reach and influence of media.  3. Media scene in India.  4. Types of media.  5. Future prospects of media	3  3 3 5 3
2.	Media Mix:  1. Concept of Media Mix.  2. Study the effectiveness of each media mix decision, KAP studies.	3 4
3.	Media planning	4

	1. Concept and steps of media planning 2. Communication of need assessment of different communities	3
<u>4.</u>	Message Designing: 1. Media choice- content, treatment and presentation. 2. Message design for different types of media: small and large group and mass media. 3. Steps of media planning and strategy design – planning, producing, delivering and evaluation (concept, types and techniques) 4. Participatory message designing.	4 5 6 2

### **Sessional Work -**

- 1 Design project with media mix design [different combinations] for different media types and target groups.
2. Preparation of IEC materials on various topics for different target audience.
3. Measuring effectiveness of various communication modules prepared

### **References**

1. Alan Hancock, “Mass communication”

2. Alan Hancock, "Planning for educational mass media"
3. Anoop Singh Sandhu, "Extension program planning"
4. P. Dhama & O.P. Bhatnagar, "Education & Communication for Development" Oxford IBH Publishing Co. Pvt. Ltd, New Delhi.
5. Directorate of Extension Education, "Extension Education in community Development"
6. S. Sandhu, "Agricultural communication"

**Abbreviation:**

**CIE**- Continuous Internal Evaluation.

**UE** – University Examination

**Course Outcomes:**

Students will be able learn -

**CO-1:** To identify the steps and considerations involved in media planning for different target groups, media types and issues types.

**Co-2:** To understand the role of each media type: small and large group media.

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	3	2	2	3	2	2	2	1	1
CO2	1	1	1	2	2	2	2	-	2	2	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper: XVII**  
**Entrepreneurship Development**  
**M.Sc (H.Sc) Spl (Grp.E) III Semester/**  
**IX Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course Objectives:**

- The students will able to impart knowledge towards identifying and implementing entrepreneurship opportunities and .develop management skills for entrepreneurship management.

UNITS	COURSE AND DETAIL	PERIODS
I	Entrepreneurship Development and Enterprise  a. Concept, need and process in Entrepreneurship Development. b. Concept and need for self employment c. Meaning and types of enterprises and its role in national and global economy d. Government agencies, policies and schemes for enterprise development	3  2 3  4
II	The Entrepreneur a. Characteristics of an Entrepreneur b. Entrepreneurial competencies and their development c. Developing Entrepreneurial competencies- Requirements and understanding the process of Entrepreneurship	1 2  5



	<p>Development; Business orientation-risk taking innovation, creativity, resource identification and mobilization; Problem solving orientation, negotiation skills, achieving enterprise goals</p> <p>d. Entrepreneurial Motivation- Dynamics of motivation</p>	2
III	<p>Launching and organizing an enterprise</p> <p>a. Environment Scanning- information, sources schemes of assistance, problems</p> <p>b. Enterprise Selection- market assessment, enterprise feasibility study, SWOT analysis</p> <p>c. Resource Mobilization- finance, technology, raw material, site and manpower</p> <p>d. Costing and marketing management and quality control</p> <p>e. Marketing-Study of market structure and its related aspects for launching an enterprise</p> <p>f. Feedback, monitoring and evaluation</p>	<p>2</p> <p>3</p> <p>3</p> <p>3</p> <p>3</p> <p>3</p>
IV	<p>Growth Strategies</p> <p>a. Performance appraisal and assessment</p> <p>b. Profitability and control measures, demands and challenges</p> <p>c. Expansion and Diversification-need, techniques of expansion and diversification, vision strategies</p>	<p>3</p> <p>3</p> <p>3</p>

**Sessional Work–**



**Paper- XVIII**  
**Computer Application in Designing**  
**M. Sc (Home Science) III Sem.**  
**N. M.Sc. (General)**  
**Spl (Grp. A)**  
**Spl (Grp B)**  
**Spl (Grp.E) /**  
**Semester IX**

**Course Type:**  
**Practical Major**  
**Credit- 4**

**Total Marks- 100**  
**CIE- 25**  
**UE- 75**

**Course Objectives:**

- The students will able to develop creativity in designing A.V.Aids.

-

**Practical:**

<b>S.No.</b>	<b>Topics</b>	<b>No. of Classes</b>
	Use of computer peripherals  Scanner Printer Storage device	2 2 2
	Use of designing softwares  Power point Coral draw Photo Shop Page Maker	3 7 4 4
	Planning and preparation of communication material for rural women related to agriculture/ home science  Slides Leaflet/Folder Booklet/flip Book Cover page of different publications	4 4 6 2
	Field testing of developed communication material	2

	Evaluation of the developed material	2
	<b>Total</b>	<b>44</b>

**Reference:**

List of books related Computer Designing, Coral draw, photo shop and Page maker

1. Computer Graphics and Virtual Reality 2ed Willey Publication by R. K Mourya
2. Photoshop CS6 in Simple Steps by Congent Learning Solution Incorporation
3. Graphic Design Exercise Book - Revised Edition **Author: Jessica Glaser**
4. PageMaker 7 from A to Z **Author: Marc Campbell Publisher Laxmi Publications**
5. CoreIDRAW X6 The Official Guide Paperback – by [Gary David Bouton](#)

**Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE –** University Examination

**Course Outcomes:**

**This course will enable the students-**

- **CO-1:** To enable students to learn /acquaint the CAD based application.
- **CO-2:** To understand the work of computers while designing.
- **CO-3:** To develop creativity in designing A.V.Aids.

**CourseMapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	-	1	-	-	1	1	1	1	2	1	1
CO2	1	1	1	-	1	-	1	1	1	-	2
CO3	2	2	1	1	1	1	2	2	1	1	1

**Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3**

**Paper – XIX**  
**Research Project**  
**M. Sc. (Home Science) III Semester**  
**(General, Spl. Grp. ‘A’, ‘B’ & ‘E’)/**  
**Semester IX**

CIE – 25 Marks  
UE – 75 Marks

Credits: 4

**Course objectives:**

- Students will be able to learn capability to use a holistic view to critically, independently and creatively identify, formulate and deal with research topic.

**Course outcomes:**

- **CO-1:** Demonstrate advanced critical research skills, to establish links between theory and methods within their field of study
- **CO-2:** Acquire research skills to develop a research proposal, understand protocol, design and manage a piece of original project work
- **CO-3:** Help to develop in-depth knowledge of the major subject/field of study, including deeper insight into current research
- **CO-4:** Develop capability to use a holistic view to critically, independently and creatively identify, formulate and deal with research topic

**Course Content:**

1. Data collection for the Study
2. Interpretation of the data

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	1	1	1	1	1	2	1	1
CO2	1	1	1	1	1	2	1	2	1	1	2
CO3	2	2	1	1	1	1	2	2	1	1	1
CO4	2	1	1	1	2	1	1	2	2	1	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

## Paper-XX

### HIV/AIDS Counselling M.Sc (H.Sc) Spl (Grp.E) IV Semester/ X Semester

Instruction hours/week-4

Course Type-

Theory Major

Credit- 4

Max Marks- 100

CIE- 25

UE- 75

#### Course Objectives:

- Students will be able to learn about-Sexuality, reproductive health and psycho-social aspects of HIV/AIDS,legal issues, rights and ethics of HIV/AIDS

UNIT	COURSE & DETAILS	PERIOD
I	<b>Basic concepts and facts about HIV/AIDS</b>	5
	a) Transmission of HIV infection, signs and symptoms of AIDS	5
	b) Diagnosis, management and care of HIV infected person	4
	c) Prevention and ethical issues and dilemmas	
II	<b>Sexuality, reproductive health and psycho-social aspects of HIV/AIDS</b>	4
	a) Meeting the needs of childhood sexuality	4
	b) Forms of sexual practice, the harmful side of sex: sexual abuse	5

	c) What it mean to be a HIV positive, how it affect the person-psychological and social factors	
III	<p><b>HIV/AIDS Counseling</b></p> <p>a) Goals of HIV/AIDS counseling, specific counseling skills</p> <p>b) Assessment of risk behaviors, characteristics and attitudes of a counselor and content of communication about HIV/AIDS</p> <p>c) Some specific counseling situation-activities of pre-test and post-test counseling, psycho-social issues linked with positive diagnosis</p>	<p>5</p> <p>4</p> <p>4</p>
IV	<p>a) Coping strategies of HIV/AIDS p</p> <p>b) Legal issues, rights and ethics</p>	<p>4</p> <p>4</p>

**Sessional Work –**

1. Visit and report writing of any two HIV/AIDS counseling centers.



2. Collect five case studies and analyses the psycho-social problems in each. Prepare case reports.
3. Plan and organize life style education programs for adolescents to covers nutrition and diet, exercises for physical and mental health.
4. Collect five success stories of effective coping and discuss in the classroom.

**References –**

1. Ahmad P.I.(1992) living and dying with AIDS, New York:
2. Panthare, Dhun (1997) Education in Human Sexuality Delhi, Family Planning Association of India
3. Sonawat R and Mathur S(1999) HIV/AIDS persons coping strtegies, Mumbai:Multitech Publishing co.
4. HIV/AIDS Counseling Training Manual, AIDS Control Program, Ministry of health Malawi

**Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE –** University Examination

**Course Outcomes:**

Students will be able to learn about-

- **CO-1:** Basic concepts and facts about HIV/AIDS
- **CO-2:** Sexuality, reproductive health and psycho-social aspects of HIV/AIDS
- **CO-3:** Coping strategies of HIV/AIDS persons
- **CO-4:** Legal issues, rights and ethics of HIV/AIDS

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	-	-	1	1	1	-	-	1
CO2	1	1	-	1	1	-	1	-	1	1	2
CO3	-	-	1	1	1	1	-	2	1	1	1
CO4	2	1	1	1	1	1	1	-	1	1	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper: XXI**  
**Project Management**  
**M.Sc (H.Sc) Spl (Grp.E) IV Semester/**  
**X Semester**

Instruction hours/week-4

Course Type-

Theory Major

Credit- 4

Max Marks- 100

CIE- 25

UE- 75

**Course Objectives:**

- The students will be able to learn the approach and methods & techniques related to project management .

Units	Course and details	Periods
1.	Project Management – 1. Concept, need and process of project management 2. Importance & objectives of project formulation 3. Project classification 4. Project development cycle and its stages	3 3 3 3
2.	Project Identification – 1. Methods and techniques of project identification; criteria for selecting project 2. Identification of project opportunities, govt. policies, regulations, incentives and restrictions 3. Identification of Thrust areas of Home Science research:	3 3 3

	Sources and priorities of funding agencies for Home Science research, National and International funding agencies for project, research application of Home Science in Industry.	
3.	<p>Project Formulation and Appraisal –</p> <ol style="list-style-type: none"> <li>1. feasibility study and opportunity study, techno economic support and analysis, project design and network analysis, project budgeting.</li> <li>2. Comprehensive appraisal of the key components of the project.</li> <li>3. Project Appraisal Techniques.</li> </ol>	<p>3</p> <p>3</p> <p>3</p>
4.	<p>Project Format –</p> <ol style="list-style-type: none"> <li>1. Common formats for project proposals.</li> <li>2. Basic and Supportive information required for a project</li> <li>3. Rules governing preparation of project proposal.</li> </ol>	<p>3</p> <p>4</p> <p>3</p>

**Sessional Work –**

1. Identifying researchable issues in Home Science, its analysis and presentation.
2. Developing a need based research project.
3. Identifying different funding institutions (minimum 4) for project submission

4. Getting familiar with the proposal formats of different funding agencies
5. Submission of prepared research proposal for funding

**References –**

- 1- Chandra, P. (1992) project preparation, appraisal, budgeting and implementation, Tata Mc graw Hill , New Delhi.
- 2- Goel, E.B. (1991) project management. Tata Mc graw Hill , New Delhi.

**Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE –** University Examination

**Course Outcomes:**

The course will enable the students-

**CO-1:** To get an insight related to project planning.

**CO-2:** To provide an overview of the significance of general approach and methods & techniques

**CO-3:** To impart skills in project planning.

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	-	-	1	1	1	-	-	1
CO2	1	1	-	1	1	-	1	-	1	1	2
CO3	-	-	1	1	1	1	-	1	1	1	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper-XXII**  
**Journalism and Media**  
**M.Sc (H.Sc) Spl (Grp.E & Grp. A) IV Semester/**  
**X Semester**

Instruction hours/week-4  
 Course Type-  
 Theory Major  
 Credit- 4

Max Marks- 100  
 CIE- 25  
 UE- 75

**Course Objectives:**

The students will be able to understand approaches, issues, problems & perspectives for Journalism in India.

Unit	COURSE AND DETAILS	Periods
1.	Journalism and News: 1. Journalism – Meaning, concept, need, Genres of Journalism 2. Historical perspective of journalism in India	4 4
2.	Writing Scripts for different Publications: A. Print Journalism 1. Newspaper-types, location of news. 2. News – Elements of News, News collection methods, News agencies. 3. Techniques of writing	10 6 6

	<p>news stories.</p> <p>4. Writing for Journals, magazines and books</p> <p>5. Writing for the Community.</p> <p>B. Radio Journalism – history, radio programmes, writing radio script</p> <p>C. TV Journalism – history, TV programmes, site, writing TV script</p> <p>D. Cyber Journalism – history, web designing techniques.</p>	5
3.	Editing Principles and Processes, Editing marks, Proof Reading,	7
4.	Printing Working knowledge of different types of Printing Processes.	6

#### **Sessional Work -**

1. Reporting News covering Campus and surroundings
2. Preparing layout / Cover Design for Magazines and Journals
3. Advertisement Layout / Techniques for Newspapers, Magazines, Hand bills, Hoardings
4. Visit to Newspaper , Doordarshan, Advertising Agency

#### **References -**

1. Jain R, “Bharat mai Hindi Patrakarita”

2. Kishore R., “Patrakarita Ke Pahlu”
3. Laxmikant Pandey, “Patrakarita ke Sidhant va Prayog“
4. Singh K., “Krishi Sanchar Madhyam evam Pdatiya”
5. Kamath.U., “Professional Journalism”.
6. Chaturvedi J. P., “Patrakarita Ke Paripach”
7. Gupta B., “Bharat mai Jansampark”
8. Rivers W. L., “The Mass Media Reporting, Writing & Editing”.
9. Chauhan S., “Journalism Today-Principle & Practices and challenges”.

**Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE** – University Examination

**Course Outcomes:**

The course will enable the students-

**CO-1:** To understand the Journalism in context of India.

**CO-2:** To understand approaches, issues, problems & perspectives for Journalism in India.

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	2	1	1	1	1	2	1	1
CO2	1	1	1	2	1	1	1	2	1	1	2



Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

Paper: XXIII

**Indian Socio-Economic Environment: Development Perspectives  
M.Sc (H.Sc) General & Spl (Grp.E) IV Semester/**

**X Semester**

Instruction hours/week-4

Max Marks- 100

Course Type-

CIE- 25

Theory Major

UE- 75

Credit- 4

**Course Objectives**

Students will Understand the implications of the socio-economic environment in the process of development.

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Unit	COURSE AND DETAILS	Periods
1.	<p>Social Aspects-</p> <ol style="list-style-type: none"><li>1. structure and characteristics of rural urban and tribal areas.</li><li>2. Caste, Class and institutions.</li><li>3. Poverty-National income and per capita income, poverty line, causes of poverty, population explosion and its impact, programmes to alleviate poverty.</li><li>4. Tribal welfare – historical overview, Tribal development strategies and policies</li></ol>	<p>3</p> <p>4</p> <p>4</p> <p>3</p>
2.	<p>Employment:</p> <ol style="list-style-type: none"><li>1. Occupational structure in India</li><li>2. Primary and subsidiary occupations</li><li>3. Problems of unemployment, measures taken by the government to solve the problem of unemployment.</li></ol>	<p>3</p> <p>3</p> <p>4</p>

	Women and employment in India.	
3.	Agriculture– 1. Problems of agriculture in India	3 3 3
4.	2. causes for low agricultural productivity 3. Agriculture price and credit policy	4
	Industry and development index	4 4 3
	1.Impact of industrialization on urban life; socio-economic aspects of metropolitan life	
	2.Role of cottage and small scale industries in economic development	
	3.Development index - PQLI, HDI, CPI..	
	4.corporate social responsibility	

#### Sessional Work -

1. Seminar on the selected topics.
2. Preparing ICT material for community.
3. Survey to assess employment and poverty in the selected area.
4. Plan and implementation of demonstration.

#### References -

1. Singh, Kartar (1999), Rural Development Principles, Policies and Management, Sage Publications India Pvt. Ltd., New Delhi.
2. Desai Vasant (1988) Rural development, Himalaya Publishing House, New Delhi.

3. Heggade, O.D. (1998) Urban development in India, Mohit Publicaitons, New Delhi.
4. Prasad, B.K. (2003) Rural development : Concept, Approach and strategy, sarup & sons, New Delhi.
5. Bhose, S.G.R. Joel (2003) NGO's and Rural Development, Concept Publishing Company, New Delhi.
6. Dubey M.K. (2000) Rural & Urban development in india, Commonwealth publishers, New Delhi.
7. Satya Sundaram, I (1999) Rural Development, Himalaya Publishing House, Mumbai.
8. Reddy K. Venkata (1998) Rural Development, Himalaya Publishing House, Mumbai.
9. Desai Vasant (1983) A study of rural economy, Himalaya Publishing House, Mumbai.
10. Jain Gopal Lal (1997) Rural Development, Mangal Deep Publications, Jaipur.
11. Nagpal, Hans (1996) Social Work in Urban India, Rawat Publications, New Delhi.

### **Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE** – University Examination

### **Course Outcomes:**

The course will enable the students to -

- **CO-1:** Become aware of the socio-economic structure, organization of problems of rural, urban and tribal communities.
- **CO-2:** Understand the implications of the socio-economic environment in the process of development.

### **Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	2	1	1	1	1	2	1	1
CO2	1	1	1	2	1	1	1	2	1	1	2

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper-XXIV**  
**Practical: Media Production and Journalism**  
**M.Sc (H.Sc) Spl (Grp.E) IV Semester/**  
**X Semester**

Course Type-  
Practical Major  
Credit- 4

Max Marks- 100  
CIE- 25  
UE- 75

**Course Outcomes:**

The course will enable the students to -

- **CO-1:** To produce development journalism materials for different media
- **CO-2:** To collect samples of social and commercial advertisements across different media
- **CO-3:** To study the media use pattern of some of the ongoing social ad campaigns for different target groups

1. To produce development journalism materials for different media:
  - Newspapers (Advertisement and Articles)
  - Magazines and Journals
  - Radio
  - TV
  - Youtube Video
  - Websites
2. Collect samples of social and commercial advertisements across different media and study the differences and similarities in terms of strategies, appeal, content, presentation, treatment and media case.
3. Study the media use pattern of some of the ongoing social ad campaigns for different target groups- choice of campaigns can be social, economic, cultural, ecological, etc.

**Abbreviation:**

**CIE-** Continuous Internal Evaluation.

**UE –** University Examination

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
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CO1	1	1	1	2	1	1	1	1	2	1	1
CO2	1	1	1	2	1	1	1	2	1	1	2
CO3	1	2	2	1	1	1	1	1	1	1	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3

**Paper – XXV**  
**Research Project**  
**M. Sc. (Home Science)**  
**(General, Grp. ‘A’, Grp. ‘B’ and Grp. ‘E’)IV Semester/**  
**Semester X**

CIE – 25 Marks  
 UE – 75 Marks

Credits: 4

**Course outcomes:**

- **CO-1:** Demonstrate advanced critical research skills, to establish links between theory and methods within their field of study
- **CO-2:** Acquire research skills to develop a research proposal, understand protocol, design and manage a piece of original project work
- **CO-3:** Help to develop in-depth knowledge of the major subject/field of study, including deeper insight into current research
- **CO-4:** Develop capability to use a holistic view to critically, independently and creatively identify, formulate and deal with research topic

**Course Content:**

Report writing and finalization of Research project

**Course Mapping**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	2	1	1	1	1	2	1	1
CO2	1	1	1	2	1	1	1	2	1	1	2
CO3	1	2	2	1	1	1	1	1	1	1	1
CO4	1	1	-	1	1	1	1	1	1	1	1

Matching: \* 0 to 30% = 1; \*30% to 60% = 2; \* 60% to 100% =3