

NEHRU GRAM BHARTI

DEEMED TO BE UNIVERSITY

KOTWA – JAMUNIPUR , DUBAWAL, PRAYAGRAJ



SYLLABUS

M.A. Home Science

Department of Home Science

For

Post Graduate Courses

M.A. 1st year

Ist semester

1 st paper - Food and science	credit - 4
2 nd paper - Human development	credit - 4
3 rd paper - consumer economics	credit - 4
4 th paper - Theory of human development	credit - 3
Or	
Home Management	
Or	
Energy Management & Household Equipment	
5 th paper – Practical (skill Development)	credit - 2
6 th paper –Extension techniques and programs	credit – 3

2nd semester

1 st paper - Education and communication	
For rural development	credit - 4
2 nd paper -Human Nutrition	credit - 4
3 rd paper – Diet Therapy	credit - 4
4 th paper - Adolescence and youth	credit - 3
Or	
Community Health Management	
Or	
Consumer issue and challenges	
5 th paper – Practical (skill Development)	credit - 2
6 th paper – Nutrition and Immunity	credit – 3

M.A. 2nd year

3rd semester

1st paper – Family Resources Management credit - 4

2nd paper –Textile Chemistry credit - 4

3rd paper – Research method credit - 4

4th paper –Home Economics credit - 3

Or

Environmental issues & challenges

Or

Advance Dying & Printing

5th paper – Practical (skill Development)credit - 2

6th paper – Food Product Development credit – 3

4th semester

1st paper – Apperal Design and construction credit - 4

2nd paper – Statistics credit - 4

3rd paper – Family and Population Education credit - 4

4th paper –Food service Management credit - 3

Or

Color application in textile

Or

Marriage and society

5th paper –Dissertation/Practical credit - 2

6th paper – Rural Educationcredit – 3

M.A. 1st year

1st semester

Paper – I Food Science (credit- 4)

Objective

To make the students aware about food science and understand the physio-chemical properties of foods.

Unit I: Introduction to Food Science

credit - ½

Introduction to Food Science: meaning, scope and importance

Unit II: constituents of foods - properties and significance

credit –1½

(I) cereals, pulses and its products

(II) Fats, oil and related products

(III) Milk and Milk Product

(IV) Fruits and Vegetables

(V) processed Foods

Unit III: Food spoilage credit - ½

Types of Food spoilage, Food spoilage by micro-organism – Causes of spoilage, microbial growth in food and factors affecting growth of microorganism.

Unit IV: Microbial intoxication's and infections credit –1

Sources of contamination of foods, sources of infection by pathogenic organism's symptoms and methods of control and prevention of infection.

Unit V: Food preservation, food adulteration, food additives. credit – ½

Paper – II Human development (credit- 4)

Unit I: Introduction of Human Development

Credit - 1

- (I) Concept and principle of development
- (II) Determinants of development
- (III) Different methods of child study
- (IV) Effect of heredity and environment on child development

Unit II: Stages of developmentcredit - 1

- (I) Pre – natal development
- (II) Post - natal development
- (III) Types of Birth and birth process
- (IV) Complication and problems related to pregnancy

Unit III: Development during infancy to Adolescent

credit - 1

- (I) Physical and Motor Development
- (II) Social and Emotional Development
- (III) Cognitive and Language Development

Unit IV: Old Age

credit - 1/2

- (I) Physiological and psychological changes in old age

Unit V: Aging

credit - 1/2

Factor affecting aging

Paper – III Consumer Economics (credit- 4)

Unit I: consumercredit - 1

- (I) Definition and characteristics of consumer
- (II) Consumer rights and responsibilities
- (III) Consumer Protection law

Unit II: Consumer and his wants

credit - 1

- (I) Meaning and definition
- (II) Characteristics and types of wants
- (III) Factor influence of wants

Unit III: Consumer Decision Making

credit - 1/2

- (I) Consumer decision making
- (II) Process of decision making

Unit IV: consumer problem

credit - 1

- (I) Adulteration
- (II) faulty weights and measures
- (III) Pricing
- (IV) other malpractices in the market

Unit V: Consumer living standard credit - 1/2

- (I) causes of lower standard
- (II) factor influencing standard of living

Paper – IV Theory of human development (credit- 3)

Unit I: Principles and concept of development

credit - 1/2

- (I) Principle of development
- (II) Growth and development

Unit II: Freud's psychoanalytic theory

Credit - 1/2

Unit III: Learning theory

Credit - 1

- (I) Pavlov's theory
- (II) Thorndike's theory
- (III) Skinner's theory

Unit IV: Cognitive development theory

Credit - 1/2

- (I) Piaget's theory
- (II) Bandura's theory

Unit V: Ecological systemtheory.

credit - 1/2

(I) Bronfenbrenner's theory

OR

Home Management

Unit I: Introduction to management

credit -

1/2

(I) meaning and scope of Management

(II) role of home management in family

Unit II: Obstacle to the improvement of Management

credit -

1/2

(I) Lack of awareness of Management

(II) Lack of awareness of resources

(III) Failure to evaluate result of Management

(IV) Seeking ready-made answer to problems

(V) Lack of information

Unit III: Factor motivating management credit - 1

(I) Goals

(II) Values

(III) standard

Unit IV: decision making

credit -

1/2

(I) Process and role of decision making in management

Unit V: Family characteristics influencing management

credit -

1/2

Lifestyle, types of family, stages of family life cycle

OR

Energy Management & Household Equipment (credit-3)

Unit I: Energy Management credit - 1/2

Energy consumption pattern and fuel needs

Unit II: Energy Resources in India credit - 1

Fossil, Fuels, Coal, Oil and Gas

Hydro Electric sources

Nuclear fuels

Solar energy

Unit III: Technology of alternate sources of energy credit- 1/2

Gobar-Gas and Bio-gas

Solar energy

Unit IV: Home appliances credit - 1 /2

Characteristics and function

Use and care of Equipment

Unit V: Smart Appliance credit- 1/2

Electrical appliance

Motor appliance

New Electrical household appliance

Paper V – Practical (Skill Development) (Credit-2)

Meal planning for different occasion

(I) Birthday project (preparation and table setting)

(II) Diwali project (preparation and table setting)

(III) Picnic project (preparation and table setting)

(IV) New year project (preparation and table setting)

Preparation of Jam and Jelly

Development of Recipes based on various food groups.

Chart and poster based on theory of human development

Development of Extension education Materials.

Paper VI - extension techniques and programs (credit-3)

(Not for Home Science Students)

Unit I: concept of Extension Education credit - 1

(I) Meaning and scope

(II) Objectives and principal

(III) Qualities of extension worker

Unit II: Methods of communication credit - 1/2

Classification of extension teaching methods according to individual, group and mass approach

Unit III: Media of communication credit - 1/2 (I) classification of audio - visual AIDS, it's importance in Extension

(II) Advantages and limitations of each

Unit IV: Adult Education credit - 1/2

(II) characteristics of adult learners

(III) Motivation technique

Unit V: Enterprenurship credit - 1/2

Concept and process

M.A. Ist year

IInd semester

Paper – I Education and Communication for rural development

(Credit- 4)

Objective

To acquaint students about communication process, recent advances in communication and diffusion and help students acquire necessary communication skills.

Unit I: Meaning and concept credit-1/2

Basic concept of education, Goals, Need and importance of rural education.

Unit II:Types of education:

credit-1

Formal, Informal education, Non-formal education,

Adult education,

Extension Education.

Home Science in extension education

Unit III: Programme Planning

credit- 1

Meaning and Principle of Programme Planning

Process of Programme planning as applied to extension programme Curriculum planning, Monitoring, Supervision and Evaluation of Formal, Non-formal and Extension Education,

Unit IV: Communication

credit- 1

Meaning and Definition of communication

Importance and Function of communication

process and Problems in communication

Unit V:Communication approach

credit- 1/2

Personal, group, and mass approach.

Audio Aids, Visual Aids and Audio- Visual Aids

Their meaning, Importance and its uses

Paper II HUMAN NUTRITION (credit-4)**Objective**

To enable the students to understand the current trends in nutrition, functions, deficiencies and toxicity of different nutrients and acquaint about nutritional requirement in special conditions.

UNIT I:Protein

credit- 1/2

Functions, sources, requirements, digestion and absorption of protein
Deficiency disease

UNIT II:Carbohydrates

credit- 1

Functions, sources, requirements, digestion and absorption of carbohydrates
definition, composition, classification, functions and role of dietary fibre in various physiological disorders.

UNIT III: Lipids

credit- 1/2

Basis of requirement, functions, sources, digestion, absorption and deficiency disorders of lipids
essential fatty acids

UNIT IV:Vitamins

credit- 1/2

Requirements, functions, sources, deficiencies and toxicities of fat and water- soluble vitamins.

UNIT V: Mineralscredit- 1/2

Requirement, functions, sources, deficiency, toxicity and factors affecting absorption and utilization of macro and micro-minerals.

PAPER III - DIET THERAPY (credit- 4)

Objective

- To enable the students to know physiological changes and nutritional requirements during various stages of life cycle.
- To familiarize the students with newer concepts in dietary management of various disorders and diseases.

UNIT I: Nutritional statuscredit-1/2

Good Nutrition, Mal Nutrition and Under Nutrition.

Assessment of Nutritional status

UNIT II: Meal planningcredit-1

Principles, Objectives and Factors affecting menu planning.

Diets throughout the life cycle: (a) Infancy (b) Childhood (c) Adolescence (d) Adults (e) Old Age (f) Pregnant and lactating mothers

UNIT III: Therapeutic Diets credit-1

Concept, Purpose and Principles of Therapeutic Diets

Classification of Therapeutic Diets

Therapeutic adoption of normal diets (normal, soft & fluid diets) factors to be considered in planning therapeutic diets.

Role and Responsibility of Dieticians

UNIT IV: Dietary managementcredit-1

Dietary management of various nutritional disorders and disease conditions: fevers, gastrointestinal, liver diseases

UNIT V: Dietary management of cardiovascular diseases, renal disorders, obesity, diabetes, cancer and HIV. Nutrition in critical care.credit-1/2

PAPER IV – Adolescent and youth (credit-3)

Unit I:Adolescent

credit- 1/2

Meaning and definition of Adolescent
Characteristics of Adolescent.
A period of Transition

Unit II:Development of Adolescent

credit- 1/2

Physical and motor development,
Intellectual development,
Social and Moral development

Unit III:Adjustment of Adolescent credit- 1

Meaning of Adjustment / Means of Healthy adjustment
Problems of Adjustment in Adolescent
Mental Hygiene and sex education
Educational and Vocational interests.

Unit IV:Problems of Adolescentcredit- 1/2

Early adolescent and late adolescent
Types of problems and solution

Unit V:Guidance of Adolescent credit- 1/2

Meaning & Definition of Guidance
Need of Guidance for Adolescent
Types of Guidance – Personal, Educational and Vocational Guidance

OR

COMMUNITY HEALTH MANAGEMENT (credit-3)

Objectives

To understand the concept of health and health indices popularly used
To realize the health problems of the community and scientific intervention
To know the supportive services and programmes for community health management

Unit I: Health

credit- 1

Concept and definition of health, factors affecting health
health as a human right.
Concept of community health.
Primary health care- definitions, principles, components

Unit II:Health indices credit-1/2

Health indices and related indices in community health
fertility indicators, vital statistics, mortality, morbidity indicators

Unit III:personal hygiene

credit- 1/2

Health needs and problem related to sanitation and environment
Major health problems of India
communicable and non-communicable diseases

Unit IV: Health administrative credit- 1/2

Health administrative set up peripheral, state, role of NGOs.
National and International health agencies.

UnitV: Health survey

credit- 1/2

National family health survey
health screening, health regulations and acts,
evaluation of health services.

OR

CONSUMER ISSUES AND CHALLENGES (credit-3)

Objective-

To acquaint the students about various consumer issues related to products and services in rural and urban context.

UNIT I: Consumer movement

credit- 1/2

Consumer in changing trends and its movement

Profile of consumers in India and Abroad.

Public and private sector goods and service providers.

UNIT II: Markets

credit- 1/2

Consumer markets: types and features.

Market distribution channels.

UNIT III: Consumer behaviour credit- 1/2

Consumer problems and challenges.

Gender issues in consumerism.

UNIT IV: Consumer welfare

credit- 1/2

Multinational trade and consumer welfare in India.

Consumer empowerment; Citizens' Charter and Right to information Act.

UNIT V: Identification the problems of rural /urban consumers credit- 1

Project work: in depth study of any one identified problem-finding measures to overcome the problem-developing consumer education material on selected issue

PAPER V - PRACTICAL (skill Development) (Credit-2)

- Therapeutic modifications of diet in terms of nutrients,
- consistency and composition for various disorders and diseases.
- Project on assessment of Nutritional status of urban and rural community
- Meal planning in different disease

PAPER VI - NUTRITION AND IMMUNITY (credit-3)

(Not for Home Science Student)

Objective-

To make the students understand the importance of various nutrients in maintaining and improving the immunity of individuals.

UNIT I: Immunity: credit-1/2

Definition and history.

Classification, immunological responses

Cell types involved.

UNIT II: Mechanism of phagocytosis and antigen-antibody reactions credit- 1/2

Regulation of immunity.

Mucosal defence system- effect of nutrients.

UNIT III: Effect of malnutrition on immunity credit- 1/2

Carbohydrates, Fat, Protein and immune system

Glutathione and immune system.

UNIT IV: Role of vitamins in immune functions-effect of deficiency credit- 1

Role of minerals-effect of deficiency and excess on immune cell functions.

UNIT V: Probiotics and antioxidants –credit- 1/2

their effect on immune function.

Immunity against infection – role of immunization.

M.A. 2nd year

IIIrd semester

Paper – I FAMILY RESOURCE MANAGEMENT (credit-4)

Objective

To acquaint the students with meaning and concepts, processes and significance of management applicable to families.

Unit I: Introduction of management

credit- 1

Meaning and scope of home management and its role in family

Factor motivating Management: Goals, Values and standard.

Decision- Types, Process and role of decision making in management

Unit II: Management process

credit- 1/2

Planning, Organization, controlling, and Evaluation

meaning and its importance

Unit III: Resource in the family credit-1/2

Meaning and types of resource

Characteristics of resource

Factor effecting the use of resource.

Unit IV: Management of Resource

credit- 1

Time management, Energy Management Money Management

Resource management in different life cycle

fatigue types of fatigue,

Unit V: Family budget

credit- 1

Family budget- steps of family budget

Advantage of family budget

Different types of saving and investment.

PAPER II –TEXTILE CHEMISTRY (credit-4)

Objective

To acquaint student about the polymer and chemistry of textiles fibres and impart them knowledge about structure-property relations of textile fibres and acquaint with recent development in fibres.

Unit I: Textiles

credit- 1/2

Introduction to textiles,

Classification, testing and properties of textile fibres

Manufacture of cotton, wool, silk, rayon and synthetic fibres

Unit II: Yarns credit- 1/2

Study of yarns

Yarn Construction,

Type of Yarns

Unit III: Weaving credit- 1

Weaving process and its type.

parts and function of a loom

knitting and its type.

Unit IV: Construction technique

credit- 1

Clothing construction- Equipments and supplies used in clothing construction

Process (method) of making garments

Drafting and making paper pattern.

Unit V: Finishes

credit- 1

Physical: Singeing, napping, brushing, shearing, sizing shrinking, tendering, and

calendaring; Chemical: Bleaching and mercerizing;

Special purpose finishes- Wrinkle resistant, water repellent, flame retardant etc.

PAPER III – RESEARCH METHODS (credit-4)

Objective

To understand the meaning and importance of research, research procedures and develop skills in designing and executing research.

Unit I: Research credit- 1

Meaning, Importance and Steps of Research

Qualities of Researcher

Types of Research-Historical or documentary,

Experimental, Ex-post-facto, Survey, Case study, Field studies.

Unit II: Hypothesis credit- 1

Meaning, importance, characteristics and ways of stating hypothesis

Understanding some concepts in research; Assumption, delimitations, operational definition, Measurement and its levels, Variable and their types.

Unit III: Research problem

credit- 1/2

Selection of research problem

Review of literature – Importance, sources of literature,

organizing review collection and presentation.

Unit IV: Sampling credit- 1/2

Meaning and importance

Sampling techniques and determine size of sample

Techniques of data collection; Observation, interview and questionnaire,

Projective technique.

Unit V: Data analysis credit- 1

Tools and methods

Interpretations of data, documentation and presentation.

The research report; Formal style of writing, chapterization, heading, pagination,

Tables and figures, Appendices and references, acknowledgement.

PAPER IV – Home Economic (credit-3)

Objective

To provide knowledge and skill to the students related to consumer protection for rational consumer behaviour.

UNIT I: Demand credit- 1/2

Types of Demand

Elasticity of Demand

UNIT II: Utility credit- 1/2

Marginal utility

Total Utility

UNIT III: Consumer surplus credit- 1/2

Meaning, Definition and criticism of consumer surplus

Significance of consumer surplus

UNIT IV: Market credit- 1/2

Definition and types of market
Function of market

UNIT V: Price credit- 1

Meaning and price fixation under

- (a) Perfect competition
- (b) Imperfect competition
- (c) Monopoly

OR

ENVIRONMENTAL ISSUES AND CHALLENGES (credit-3)

Objective

To expose students to global environmental issues and strategies to maintain ecological balance in micro and macro environment.

UNIT I: Environment

credit- 1/2

Introduction to technology and environment.

State of India's environment.

UNIT II: Sustainable development

credit- 1

An International perspective of sustainable development

Global environmental issues

Carbon credit and its impact on growth of industries.

UNIT III: Environmental education credit- 1/2

Environmental Management System. Population and Community Ecology.

Natural Resource Conservation and Management.

UNIT IV:Environmental protection and law.

credit- 1/2

UNIT V:Environmental impact assessmentcredit- 1/2

Environmental audit. National and International efforts in improving environmental quality.

OR

ADVANCED DYEING AND PRINTING (credit-3)

Objective

To understand the theory of dyeing in relation to various classes of dyes and its application, inculcate awareness of the different methods of printing and appreciate the technical advantages of each and develop technical competency in printing with different dyes on different fabrics.

UNIT I: Colourcredit- 1/2

Concept of colour and its relation to light;
classification and types of dyes/colouring matter.

UNIT II: Dyes and pigments

credit- 1/2

Chemistry of dyes and pigments- composition, structure, properties, affinity towards fibres, method of application, fixing, after treatments and fastness properties.

UNIT III: Mordants

credit- 1/2

Eco-friendly natural dyes and role of mordants; advanced dyeing techniques.

UNIT IV: Printing

credit- 1/2

Printing auxiliaries
advanced printing techniques;
assessment for colour fastness.

UNIT V: shade cards

credit-1

Preparation of shade cards with various class of dyes and colour matching; Natural dyes – Dyeing with different mordants; advanced techniques of fabric printing; theme-based project works.

PAPER V - PRACTICAL (skill Development) (credit-2)

- testing of textile fibres
- Weaving
- knitting
- Drafting and making paper pattern
- Construction techniques
- To prepare any one garment : kurta, blouse, gown
- Synopsis formation

PAPER VI - FOOD PRODUCT DEVELOPMENT (credit-3)**(Not for Home Science Students)****Objective**

To enable the students to understand the concept of product development, their sensory evaluation and quality control.

UNIT I: Food product development

credit- 1/2

Basic principles of food product development. Sensory properties of food and their role in product development. Formulation and evaluation of recipes at laboratory level.

UNIT II: Evaluation of food

credit- 1/2

Evaluation of food-Objective and subjective methods,

selection and training of judges,
development of score cards and analysis of data.

UNIT III: Evaluation-development credit- 1/2

Consumer evaluation-development of schedule and data analysis. Packaging material, types for different products. Food labelling.

UNIT IV: Food safety

credit- 1

Food safety issues in product development, food quality regulations and standards, quality control and HACCP. Product formulation and development for general and therapeutic use.

UNIT V: Packaging and sale of product credit- 1/2

Formulation and standardization of products.

Evaluation of consumer acceptability.

M.A. 2nd year

IVth semester

PAPER 1 –APPAREL DESIGNING AND CONSTRUCTION (credit 4)

Objective:

To impart indepth knowledge of style reading pattern making and garment construction techniques, enable students to make advance pattern and obtain perfect fit and harmony between the knitted fabric and design of the garment.

Unit I: Applied art

credit- 1/2

Introduction to applied art,

Elements and principle of design, Types and Characteristics of design,

Unit II: Dyeing

credit- 1

Types of dye

process of dyeing

tie and dye, batik, printing and its type, thread work

Unit III: embroidery

credit-1/2

traditional textiles and embroidery in India

Unit IV: Fashion credit-1

Introduction to apparel design with respect of -Fashion cycle,

Style, Trends, Silhouette, types of seams/stitching/collar.

Unit V: Laundry credit-1

Methods of laundry

Equipments and Laundry agents

Stain removing methods

PAPER II – STATISTIC (credit-4)

Objective

To develop understanding among students about sampling and data analysis techniques, methods of data analysis using various statistics.

Unit I:Introduction

credit- 1/2

Meaning and scope of statistics.

Role of statistics in research.

Unit II: Central tendency

credit- 1

Measure of central tendency

Meaning, characteristics and importance of mean, median, and mode

Unit III:Data collection method

credit- 1

Simple technique of data collection

Direct and participant observation

Interview and rating scale

Survey and questionnaire

Unit IV: Data Analysis

credit- 1

Classification, Tabulation, Frequency, Distribution,

Diagrammatic and graphic representation of data.

Unit V: Testing of Hypothesis

credit- 1/2

Elements of testing of a statistical hypothesis.

Type error- Definition of type 1 and type 2 errors.

Application of students t-test for small sample for single mean, deference in mean.

PAPER III - FAMILY AND POPULATION EDUCATION (credit-4)**Objective**

To create awareness among students about status of women and impact of change in role of women and propose strategies for development and protection at work.

UNIT I:Family

credit- 1

Definition, characteristics, function of Family,

size of Family, merits and demerits of nuclear and joint Family

changing pattern of Family

UNIT II: Family life cycle credit- 1/2

different stages of Family life cycle

Importance of family life cycle,

UNIT III: Family disorganization

credit- 1/2

Meaning and causes of Family disorganization

UNIT IV: Family welfare credit- 1

Meaning and Definition of Family welfare,

difficulties in family welfare

UNIT V: Population education

credit- 1

Aims and significance

Population and environment

Awareness of population education

PAPER IV - FOOD SERVICE MANAGEMENT (credit-3)

Objective

To enable the students to understand the process of planning, organizing and controlling the management of food and other resources in institutions.

Unit I: Types of food services credit- 1/2

Organization: Definition, types

Management: tools of management

Unit II: Personnel management credit- 1/2

Books, records and record keeping.

Cost control in food services.

Menu planning.

Unit III: Meal services management credit- 1/2

Types of services.

Planning of layout and equipment for foods services.

Quantity food production: Principles involved in development of recipes in large scale cooking,

Utilization of left over foods.

Unit IV: Food Hygiene

credit- 1/2

Sanitation and hygiene in handling foods.

Personnel hygiene and its importance.

Unit V: Standardization of recipes: credit- 1

planning and preparation, modification in basic recipe, preparation of standard recipe. Visit to different types of food service institutions and study the following: Organization, physical plan and layout, food service equipment, sanitation and hygiene.

Practical experience in organization and management of a college cafeteria.

OR

COLOUR APPLICATION IN TEXTILES (credit-3)

Objective

To develop the knowledge about conditions for dyeing, printing and finishing treatments and skill in analysis of dyed fiber, yarn and fabric. colour science and computer colour matching.

UNIT I: Colour science credit- 1/2

Detailed theory of colour science and computer match prediction in dyeing fibres, yarns, and fabrics.

UNIT II: Colour systems

credit- 1/2

Spectrophotometers for colour systems, software & hardware for colour systems.

UNIT III: Objective specification of colour

credit- 1/2

colour difference, shade sorting, various colour spaces.

UNIT IV: Assessment of whiteness

credit- 1

computer match prediction algorithms based on colour theory and numerical analysis.

UNIT IV: Laboratory techniques for assessing colour strength

credit- 1/2

Analysis of dyed fibre, yarn and fabrics, colour fastness of dyed samples

OR

Marriage and society (credit-3)

UNIT I: Marriage

credit- 1/2

Meaning of Marriage

Aims and types of marriage

UNIT II: Marital adjustment

credit- 1/2

Meaning of Marital adjustment

Divorce and Remarriage

Recent changes in marriage

UNIT III: Society

credit- 1/2

Meaning, definition and Types of society

UNIT IV: Culture and civilization

credit- 1/2

Definition, characteristics and importance of culture

Definition, characteristics and importance of civilization

UNIT V: Social Problems

credit- 1

Prostitution

Unemployment

Dowry

PAPER V - PRACTICAL (skill Development) (credit-2)

- Tie and Dye
- Batik
- Block Printing
- Thread Work
- Patch Work
- Embroidery
- Seams/Pleats/Collar
- Prepare any one article (designer suit) using above mention techniques
- DISSERTATION

Paper VI -Rural Education (credit-3)

(Not for Home Science Student)

UNIT I: Rural Education

credit- 1/2

Meaning of Education

Need and Importance of Rural education

UNIT II:Goals of Rural Education

credit- 1/2

To literate every rural person

To improve their thinking

Help to solve their problems themselves

UNIT III:Types of Rural Education

credit- 1

Formal, informal and Non-formal education

Extension education

Adult education

UNIT IV: Barriers in Rural education

credit- 1/2

Problem and challenges encountered in rural education

Curriculum development for rural education

UNIT V: Urban and rural education

credit- 1/2

Characteristics and differences between urban and rural education