

### **Unit 1: Family Resource Management**

Interdisciplinary nature of management and systems approach to family management. Philosophy and concepts & principles of management, goal types and goal setting and value types. Sources of learning values and their importance to family Standards – type and relationship with values and goals. Process of management: planning, controlling, evaluating, organizing and their application to resources use and resource classification. Decision making in use and development of resources. Decision making types. Application of management process for work simplification. Application of Mundel's classes of change in household work and agricultural task, communication as a resource.

### **Unit 2: Art Principles and Interior Enrichment**

Importance of interior enrichment. Elements and principles of art and their application to interior decoration. Selection and making of accessories for homes, Flower arrangement. Importance of colour in home, colour theories and schemes. Importance of natural and artificial light in house. Floor coverings, wall and window treatments. Floor and floor covering.

### **Unit 3: Housing and Space Designing**

Identifying family housing needs. Selection of site. principles of house planning: orientation, space requirements for various activities and room layout. Building materials, their characteristics, Selection and suitability for low cost rural and urban housing, estimating costs of building a house. Advantages of owning and renting. green building design evaluation system – GRIHA and LEED. Energy Conservation Building Codes (ECBC) launched by BEE. Housing standards & bye laws, housing finance, economy in housing ergonomic principles.

### **Unit 4: Household Energy and Equipments**

Household energy forms : sources, fuels, and their classification. Energy crisis, its causes and implications for energy management in homes. National efforts for energy and environment conservation Equipments, tools and accessories for rural and urban houses, their selection, maintenance and care. Base materials, finishes, insulation materials and methods of forming utensils. Modular kitchen. Low cost simple equipments – hay box, water filter, solar cookers etc.

### **Unit 5: Family Finance and Consumer Education**

Family income types, sources and contributors Financial planning guidelines for budgeting. Engel's law, expenditure, account keeping, investment; and savings. Credit sources, advantages, disadvantages, selection and repayments. Consumer problems –buying problems, adulteration and substandard goods, public distribution system, Consumer rights and responsibilities and consumer protection measures, Consumer organization and their roles. Standards, standardization & legislative measures for regulating quality.

## **Unit 6: Entrepreneurship Management**

Scope of enterprise. Role of government and private organizations in financing. Environmental Scanning and opportunity identification, project planning and formation. Personnel management, financial management, marketing management, planning identification and opportunity of business.

## **Unit 7: Markets and Marketing**

Types of markets and their functions. Marketing information systems, Sales management and product promotion. Marketing management, financial management and accounting and crisis management.

## **Unit 8: Ergonomics**

Significance and scope of ergonomics. Man, Machine and Environment, System and interactions. Body mechanics at work & drudgery.

Environmental ergonomics - lighting, noise and interiors. Universal design - principles of designing work stations / product designing.