OBJECTIVES:

- To understand the significance of management in the micro and macro level organization.
- To know the conceptual, human and scientific aspects of management funds CLS.
- To develop the ability to evaluate the management efficiency and effectiveness in the family and other organizations.
- To enhance the understanding of the similarities among till areas of management education and research, the dissemination of the professional knowledge, skills and attitude.

UNIT - 1

1. History and development of management in India and elsewhere.
   - Industrial.
   - Farm and agricultural.
   - Institutional
   - House old.
   - Education.

UNIT - II

2. Management as system -
   - Definition
   - Elements
   - Types
   - Advantages and limitations of systems approach.
   - Application in family resource management.

3. Management abilities:
   - Conceptual
   - Human
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Recommended by Home Science Board of Studies
Jiwaji University, Gwalior

4. Decision making
   - Meaning
   - Types of decisions.
   - Modes of decision making.
   - Techniques and tools for decision making.
   - Decision tree.
   - Cost benefit analysis.

UNIT - III

5. Management Functions and Processes:
   - Planning - Objectives, principles, policies, strategies.
   - Organizing - purpose, principles, processes delegation authority, responsibility & accountability.
   - Staffing, purpose, principles, recruitment, appraisal.
   - Guiding, directing, leadership, motivation, communication.
   - Controlling, tools for management control, feedback.
   - Appraisal/evaluation - Tools and techniques.

UNIT - IV

6. Human Behaviour in organizations:
   - Personality, attitudes, motivating factors.
   - Group behaviour and dynamics.
   - Team management.
   - Stress and Conflict management.

UNIT - V

7. Ends Sought through management:
   - Goals - factors affecting, ends.
   - Values - sources of value patterns, status, security.
   - Standards - quality control, total quality management.
   - Harmony, Ethics.
REFERENCES:

PRACTICAL
1. To find out time norms of any two household activities.
2. To study and simplify any two household activities with the help of process chart.
3. To practice two household activities with the help of operation chart.
4. To study and develop a new simplified method of doing any two household activities with the help of pathway chart.
5. A survey to time/money/Energy/Managerial problems in different communities.
6. To obtain managerial experiences in home/hostel management residential course.
7. Maintaining the record of the practical.
8. Visit an industry.
OBJECTIVES:
- To be aware of the holistic ecological approaches to environment.
- To be aware of the environmental problem, hazard and risks.
- To understand the aspects of environmental pollution and waste management.
- To be aware of the environmental policies, movements and ethics.

UNIT - I
1. Fundamental of environment:
   - Definition of environment, scope of environment studies.
   - Physio - chemical factors in environment.
2. Ecosystem - Earth, Man & Environment:
   - Concept of Ecosystem.
   - Structure of Ecosystem- Abiotic (non living and Biotic living) components.

UNIT - II
3. Population and Environment
   - Population growth.
   - Impact of population growth on economic development and environment.
4. Environment management:
   - Concept of environment management
   - Need for environment management.
   - Aspects of environment management.
   - Environment consciousness and public awareness.
   - Environment education.
   - Improvement of production technology.
   - Development of scientific and intellectual efficiency.
   - Regulation of socio-cultural aspects.
   - Resource management.
UNIT - III

5. Air pollution -
   • Definition, sources and effects of air pollution.
   • Measure to control air pollution

6. Water pollution
   • Definition and sources of water pollution.
   • Harmful effects of water pollution.
   • Remedies to control water pollution.

7. Noise pollution -
   • Sources of noise pollution.
   • Harmful effects of noise pollution.
   • Control of noise pollution.

UNIT - IV

1. Forest conservation:
   • Importance of forests.
   • Deforestation and bad effects of deforestation.
   • Poorest conservation.
   • Chipko Aandolan.

2. Wildlife conservation -
   • Importance of wildlife.
   • Importance of biodiversity.
   • Conservation of wildlife.

UNIT - V

1. Waste management -
   • Sources and types of solid wastes.
   • Effects of solid waste pollution and its management.

2. Environmental Legislation (in brief) -
   • The water (prevention and control of pollution) Act, 1974.
   • The Air (prevention and control of pollution) Act, 1981.
   • The Environment Act, 1986.
RESOURCE MANAGEMENT
M.Sc.-1ST Semester
Paper - III
LANDSCAPING
2014-15

OBJECTIVES:

- To study and to understand and landscape designing and its appropriate application.
- To get familiar with the various materials related to landscaping.

UNIT - I

1. Introduction and definition of landscaping from interior space design point of view.
   - Historical references of landscape.
   - Objective of landscape gardening.
     (i) Functionalism   (ii) Esthetic.
   - Division according to use -
     For ground area - (i) The side walk   (ii) The drive way

2. Private area or living area.
   - Porches
   - Terrace or Patio.
   - Pool
   - Play space for children.

3. Service area or utility area
   - Garage
   - Vegetable garden.
   - The drying area.
   - Space for keeping garden foods.
   - Space for dumping garbage.
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Recommended by Home Science Board of Studies
Jiwaji University, Gwalior
UNIT - II
1. Principles of landscape planning.
2. Location and Orientation.
3. Soil - types.
4. Climate, condition.

UNIT - III
1. Layout of front garden, The landscape Plan -
   - Preparation of Lawn.
   - Flower beds, plantings flowers, Kind of flowers.
2. Tree, Shurbs.
3. Water garden, Rock garden.
4. Hedges.
5. Garden Paths.

UNIT - IV
1. Garden Furniture.
   - Importance, Use, Types and selection.
2. General Introduction to garden equipments Types and use.
3. System of irrigation
   - Drainage- Type Surface drainage. Under ground drainage.

UNIT - V
1. Understanding of various materials for paving walk way etc. (Stone masonry.
   Brick Masonry).
2. Pargolalas, Green house.
3. Indoor and outdoor plants.
Semester Wise Syllabus for Postgraduates
Recommended by Home Science Board of Studies
Jiwaji University, Gwalior

RESOURCE MANAGEMENT
M.Sc. 1st Semester
Paper - IV
RESEARCH METHODS AND STATISTICS

Objectives:
- To understand the significance of statistics and research methodology in Home Science Research.
- To understand stand the types tools, methods of research and develop the .... to construct data gathering instrument appropriate to the research design
- To understand and apply the appropriate statistical technique for the measurement and design.

Contents:

UNIT - I
- Research: Meaning objectives and significance of research.
- Science, scientific methods, scientific approach.
- Role of statics and research in Home Science discipline.
- Types of research: Historical, descriptive, experimental, case study, social research, observation research.

UNIT - II
- Definition and identification of a Research Problem.
- Selection, justification and limitation of research problem.
- Hypothesis - meaning, nature, characteristics, types & functions of hypothesis
- Variables: Meaning, nature, types & selection of variables.
UNIT - III

- Sampling methods
- Probability & semi probability sampling - simple random, systematic random sampling, two stages and multi stage sampling, cluster sampling.
- Non - probability sampling: purposive, quota and volunteer sampling.
- Merits & Demerits Sampling.

UNIT - IV

Research Design

- Meaning, features concept & purpose of research design.

Qualitative research Method

- Definition Theory design types reliability & validity of :-
  i. Case study
  ii. Interview
  iii. Observation

UNIT - V

Quantitative research method

- Definition Theory design types reliability & validity of :-
  i. Social metric scale
  ii. Questionnaire
  iii. Schedule
- Writing a research report
- Experimental Group
- Randomized block design
- Latin square design
- Factorial design