Department of Higher Education Govt. of M.P.
Semester Wise Syllabus for Undergraduates
As Recommended by Central Board of Studies and
Approved by HE the Governor of M.P.

RESOURCE MANAGEMENT
M.Sc. - 1ST SEMESTER
Course Paper I
THEORY OF MANAGEMENT

OBJECTIVES:
- To understand the significance of management in the micro and macro level organization.
- To know the conceptual, human and scientific aspects of management functions.
- 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 all areas of management education and research, the dissemination of the professional knowledge, skills and attitude.

UNIT - I

CONTENTS
1. History and development of management in India and elsewhere
   - Industrial
   - Farm and agricultural
   - Institutional
   - Household
   - Education
UNIT - II

2. Management as a System -
   - Definition
     - Elements
     - Types
     - Advantages and
       limitations of systems
       approach
     - Application in Family
       Resource
       Management.

3. Management Abilities:
   - Conceptual
   - Human
   - Technical

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, responsibil-
ity & accountability.
- Staffing, purpose, principle, recruitment, appraisal.
- Guiding, directing, leadership, motivation, communication.
- Controlling, tools for management control, feedback.
- Appraisal/evaluation - Tools and techniques.

UNIT - IV

6. Human Behavior in Organizations :-
- Personality, attitudes, motivating factors.
- Group behavior 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
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 of time / Money / Energy / Managerial problems in different communities.

6. To obtain managerial experiences in home Management residential course.

7. Maintaining the record of the practical

8. Viva.
RESOURCE MANAGEMENT
M.Sc. - 1ST SEMESTER
COURSE-II - Problem II
ENVIRONMENT MANAGEMENT

OBJECTIVES:
- To be aware of the holistic ecological approaches to environment.
- To be aware of the environmental problem, hazards 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:
   (a) Definition of environment, scope of environment studies.
   (b) Components of environment - Atmosphere, Lithosphere, Hydrosphere.
   (c) Physio - chemical factors in environment.

2. Ecosystem - Earth, Man & Environment -
   (a) Concept of Ecosystem.
   (b) Structure of Ecosystem - Abiotic (non-Living) and Biotic (living) Components

UNIT-II

Population and Environment -
(a) Population growth
(b) Impact of population growth on economic development and environment.

Environment management -
(a) Concept of environment management,
(b) Need for environment management,
(c) 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 -
   a) Definition, sources and effects of air pollution.
   b) Measures to control air pollution.

6. Water pollution -
   a) Definition and sources of water pollution.
   b) Harmful effects of water pollution.
   c) Remedies to control water pollution.

7. Noise pollution -
   a) Sources of noise pollution.
   b) Harmful effects of noise pollution.
   c) Control of noise pollution.

UNIT-IV

1. Forest conservation -
   a) Importance of forests,
   b) Deforestation and bad effects of deforestation
   c) Forest conservation.
   d) Chipko Aandolan.

2. Wildlife conservation -
   a) Importance of wildlife.
   b) Importance of biodiversity.
   c) Conservation of wildlife.

UNIT-V

1. Waste management
   a) Sources and types of solid wastes
   b) Effects of solid waste pollution and its management.

2. Environmental Legislation (in brief) -
   b) The Air (Prevention and Control of Pollution) Act, 1981.
(c) Development of scientific and intellectual efficiency.
(f) Regulation of socio-cultural aspects.
(f) Resource management.

UNIT - III

5. Air pollution -
   a) Definition, sources and effects of air pollution.
   b) Measures to control air pollution.

6. Water pollution -
   a) Definition and sources of water pollution.
   b) Harmful effects of water pollution.
   c) Remedies to control water pollution.

7. Noise pollution -
   a) Sources of noise pollution.
   b) Harmful effects of noise pollution.
   c) Control of noise pollution.

UNIT - IV

1. Forest conservation -
   a) Importance of forests.
   b) Deforestation and bad effects of deforestation.
   c) Forest conservation.
   d) Chipko Aandolan.

2. Wildlife conservation -
   a) Importance of wildlife.
   b) Importance of biodiversity.
   c) Conservation of wildlife.

UNIT - V

1. Waste management
   a) Sources and types of solid wastes.
   b) Effects of solid waste pollution and its management.

2. Environmental Legislation (in brief) -
   a) The water (Prevention and Control of Pollution) Act, 1974.
   b) The Air (Prevention and Control of Pollution) Act, 1981.
environment consciousness and public awareness.
Environment Education.

5. Air pollution -
   a) definition, sources and effects of air pollution.
   b) Measures to control air pollution.

6. Water pollution:
   a) Definition and sources of water pollution.
   b) Harmful effects of water pollution.
   c) Remedies to control water pollution.

7. Noise pollution -
   a) Sources of noise pollution.
   b) Harmful effects of noise pollution.
   c) Control of noise pollution.

UNIT-IV

1. Forest conservation -
   a) Importance of forests.
   b) Deforestation and bad effects of deforestation
   c) Forest conservation.
   d) Chipko Aandolan.

2. Wildlife conservation -
   a) Importance of wildlife.
   b) Importance of biodiversity.
   c) Conservation of wildlife.

UNIT-V

1. Waste management
   a) Sources and types of solid wastes
   b) Effects of solid waste pollution and its management.

2. Environmental Legislation (in brief) -
   a) The water (Prevention and Control of Pollution) Act, 1974.
   b) The Air (Prevention and Control of Pollution) Act, 1981.
RESOURCE MANAGEMENT

M.Sc. - 1ST SEMESTER
Course III: Landscaping

OBJECTIVES:

- To study and understand the 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
2. Historical references of landscape.
3. Objective of landscape gardening.
   (a) Functionalism
   (b) Esthetic
4. Division according to use
   1. Ground area
      (i) The side walk
      (ii) The drive way
   2. Private area or living area.
      (i) Porches
      (ii) Terrace or Patio
      (iii) Pool
      (iv) Play space for children.
   3. Service area or utility area.
      1. Garage
ii. Vegetable garden
iii. The drying area.
iv. Space for keeping garden foods
v. Space for dumping garbage.

UNIT - II

1. Principles of landscape planning.
2. Location and Orientation.
3. Soil - types

UNIT - III

1. Layout of front garden. The Landscape Plan
   a) Preparation of Lawn.
   b) Flower beds, planting flowers, Kind of flowers.
2. Trees, Shurbs.
3. Water garden, Rock garden
4. Hedges.
5. Garden Paths.

UNIT - IV

1. Garden Furniture.
   a) Importance, Use, Types and selection.
2. General Introduction to garden equipments Types and use.

UNIT - V

1. Understanding of various materials for paving walk way etc. (stone masonry. Brick Masonry)
2. Pargolas, Green house.
3. Indoor and outdoor plants.
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RESOURCE MANAGEMENT 
M.Sc. - 1ST SEMESTER 
COURSE-IV RESEARCH METHODS AND STATISTICS 

OBJECTIVES: 
- To understand the significance of statistics and research methodology in Home Science research. 
- To understand and the types tools, methods of research and develop the ability 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 statistics 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 & limitation of research problem. 
- Hypothesis - meaning nature, characteristics, types & functions of hypothesis. 
- Variables : Meaning, nature, type & selection of variables.
UNIT-III

Sampling methods -

- Population and sample
- 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) Socio metric scale
  (ii) Questionnaire
  (iii) Schedule.

- Scientific writing as means of communication – Journal, Research roles, and report, Review articles, Monograph, bibliography
- Formulation of a research outline.

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