

GOVT. D.B. GIRLS P.G. AUTONOMOUS COLLEGE
RAIPUR CHHATTISGARH

FACULTY OF HOME SCIENCE

**SYLLABUS
OF
M.Sc. (RESOURCE MANAGEMENT)
2019-20
I, II, III & IVth SEMESTER**

M.Sc. RESOURCE MANAGEMENT
Ist SEMETER

Theory

Part A

No.	Title	Credit	Marks						Total
			Theory		Test	Seminar			
			Max.	Mini.	Max .	Mini .	Max.	Mini .	
Paper-I	Research Methodology	4	80	16	10	2	10	2	100
Paper-II	Theory of Management	4	80	16	10	2	10	2	100
Paper-III	Consumer Economics	4	80	16	10	2	10	2	100
Paper-IV	Landscaping	4	80	16	10	2	10	2	100

Practical

Part B

No.	Name of The Practical	Credit	Marks	
			Max.	Mini.
Practical - I	Landscaping	4	100	36

GOVT.D.B.GIRLS'P.G. (AUTONOMOUS) COLLEGE, RAIPUR

DEPARTMENT OF HOME SCIENCE

CLASS: M.Sc. I

RESOURCE MANAGEMENT

SESSION: 2019- 20

NAME OF PAPER: RESEARCH METHODOLOGY

PAPER: I

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Unit I

1. Science, scientific methods and approach.
2. Social research and survey: Meaning, definition, nature, scope, objects, types.
Distinction between social survey and research.
3. Pretesting and pilot survey.

Unit II

4. Hypothesis: Definition, sources, characteristics, importance, main difficulties in the formation of hypothesis, disadvantage.
5. Sources of data: Primary and secondary sources.
6. Methods or techniques of data collection. Observation Interview Schedule
Questionnaire case-study

Unit III

7. Sampling: Meaning, characteristics, advantages and disadvantages. types:-
Random sampling, purposive sampling ,stratified sampling, and other sampling methods.
8. Classification and tabulation of data .Analysis and interpretation of data .

Unit IV

9. Analysis and interpretation of data.(parametric & non parametric)
10. Preparation of the report.
11. Diagrammatic presentation of data.

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4 Dr. AbhayaR. Joglekar	5 Dr. Anubha Jha	6 Ms.Manju Shrivastava
7 Dr.Shipra Banerjee	8 .Dr. Alka Verma	9 Dr. Rekha Diwan
10. Dr. Deepali Rao		

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DEPARTMENT OF HOME SCIENCE
CLASS: M.Sc. I
RESOURCE MANAGEMENT
SESSION: 2019-20

NAME OF PAPER: THEORY OF MANAGEMENT

PAPER: II

MAXIMUM MARKS: 80

NUMBER OF UNITS: IV

Objectives-

- To understand the significance of management in the micro-macro level organization.
- To know the conceptual, human and scientific aspect of management functions.
- To develop the ability to evaluate the Management efficiency and effectiveness in the family and the other organization.
- To enhance the understanding of the similarities along all areas of management education and research and dissemination.
- To acquaint the students with housekeeping department to fulfill the hospitality function.

Unit I

1. History and development of management in India and 2in ancient civilization, the management in medieval period. Importance of Management in India.

. 2 .Management:

- Definition, what is management?
- Process of management
- Characteristics of management
- Types of management

3. Advantages and limitations of management
4. Management functions and process
 - Planning: Objectives, principles and Types
 - Organizing: Purpose, principles, processes, delegations of authority
 - Controlling - Tools for management control,
- 5 .Evaluation -Tool and Techniques

Unit II

6. Resources in family
 - Definitions of resources
 - Types
 - Characteristics of resources
 - Factors affecting Management
7. Guiding, directing
- 8 . Leadership
 - Definitions and Characteristics
 - Qualities of Leader
 - Functions of Leader

Unit III

9. Management abilities.
10. Ends sought through management
 - Goals: Factors affecting endless chain, classification
 - Values: Sources of value patterns, status security
 - Standards-meaning, types, factors affecting it.
11. Communication- Meaning and definition,
 - characteristics and process
 - importance of communication in management

Unit IV

- 12 Decision making
 - Meaning and types
 - Process of decision-making

- Consequences of each alternative.
 - Chain decisions, decision conflict
 - Factors affecting decision making
 - Making of effective decision
 - Conflict management
- 13.
- Motivation
 - Meaning and definition
 - Characteristics and importance
 - Elements of motivation
 - Evaluation tools & techniques

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DEPARTMENT OF HOME SCIENCE

CLASS: M.Sc.I

RESOURCE MANAGEMENT

SESSION: 2019-20

NAME OF PAPER: CONSUMER ECONOMICS

PAPER:III

MAXIMUM MARKS:80

NUMBER OF UNITS -I V

Objectives-

- To familiarize the students with the changing economic environment and the rising consumerism.
- To enhance the understand of the marketing system and the marketing strategies.
- To have an overview of the consumer behavior and the consumer movement.
- To help them to become wise consumer for judicious use of resources in the present market system and environment.
- To become aware of the aspects of financial management.
- To understand some of the problems and objectives involved in accumulation, control and use of saving.
- To understand some of the problems and objectives involved in accumulation control and use of saving.
- To become familiar with the techniques of financial management.
- To become familiar with the techniques of financial management.
- To develop an understanding of the marketing system and marketing strategies keeping in view the consumers .
- To know the techniques of consumer decision making and the aid for wise decision-making.

Unit I

1. Consumer and the Indian economic environment.
 - Definition and characteristics of consumers
 - Definition role types and how does an economy function, problems of economy.
 - Role of consumer in the economy of the nation
2. Contemporary economic environment

Unit II

3. Introduction of market Meaning, definition, characteristics, types
- 4.. Consumer behavior
 - Understanding consumer and their wants
 - Determinants of consumer behavior-Opinion, leadership, group influence, social class and culture, consumer dissatisfaction.
 - Market strategies influencing consumer behavior
 - Guidelines for wise purchasing.

Unit III

5. Market practices that exploit consumers
 - Type of exploitation-Adulteration, packaging, label, weights and measures, advertising and sale gimmicks.
 - Causes of exploitation
- Consumer problem and their solutions

Unit IV

6. Consumer protections: Need and rationale
 - History of consumer movement in India – Origin, growth, causes for slow growth.
 - Role of consumer organizations -National, regional and international.
 - Role of government agencies, legislation.
 - Empowerment of consumers.
7. Consumer credit
 - Definition and types of credit
 - Factors affecting consumer credit decisions.

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DEPARTMENT OF HOME SCIENCE
CLASS: M.Sc.Ist SEMESTER
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: LANDSCAPING

PAPER:IV

MAXIMUM MARKS: 80

NUMBER OF UNITS -IV

Unit I

1. Introduction to landscaping from interior designs point of view.
2. Historical references of landscape.
3. Garden – Establishment and management.
4. Ornamentals garden – Establishment and management.
5. Management and maintenance of ornamental garden.

Unit II

6. Land profile.
7. Soil types.& soil texture
8. Chart of ornamental garden
9. Principles of layout
10. Garden style
11. Garden furniture
12. Garden tools and equipments

Unit III

13. Open frame sheds for semi shady plants.
14. Greenhouse
15. Bonsai
 - Style
 - Selection of material
 - Methods
16. Pedestals, monuments, statues, abstracts, etc.
17. Pergolas in various materials.
18. Manures-types
19. Weeds-Classification of weeds
 - Destruction of weeds

Unit IV

20. Study of indoor and outdoor plants species (Natural/artificial).
21. Variety of shrubs, creepers, grass etc. (Natural/artificial).
22. Pot Culture.
23. Terrace Garden
 - Rain water from terrace
 - Waterproofing and checking the strength of terrace slab for terrace garden.
24. Irrigation- need, sources & methods of Irrigation
25. Waste Management :
 - Types of waste

References:

1. Amit Khanna Deet (1998) Sustainable Development and Environment Voll, Cosmo Publishers, New Delhi.
2. Basu, R.N. (2000) Environment, University of Calcutta.
3. Bhatia, H.S. (1998) A Text of Environment Pollution and Control, New Delhi.
4. Chauhan, I.S. and Chauhan, A. (1998) Environment Degradation: Socioeconomic consequences, Rawal Publishers, Jaipur.

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RESOURCE MANAGEMENT
SESSION: 2019-20

NAME OF PAPER: LANDSCAPING

PRACTICAL I

MAXIMUM MARKS: 100

MINIMUM MARKS: 36

1. Designing of terrace garden.
1. Designing of partly outdoor and indoor landscaping.
2. Designing of different types of garden.
3. Pot culture
4. Indoor and outdoor plants
5. Bonsai
6. Designing of tree guards.
7. Visit

Distribution of Marks

Sessional.....	25
WorkBook.....	35
Practical.....	20
Viva.....	20

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M.Sc. RESOURCE MANAGEMENT
IIIrd SEMETER

M.Sc. RESOURCE MANAGEMENT**IIIrd SEMETER****Theory****Part A**

No.	Title	Credit	Marks						Total
			Theory		Test	Seminar			
			Max.	Mini.	Max	Mini	Max.	Mini	
Paper-I	Ergonomics	4	80	16	10	2	10	2	100
Paper-II	Entrepreneurship	4	80	16	10	2	10	2	100
Paper-III	Housing	4	80	16	10	2	10	2	100
Paper-IV	Fuel Technology	4	80	16	10	2	10	2	100

Practical**Part B**

No.	Name of The Practical	Credit	Marks	
			Max.	Mini.
Practical - I	Ergonomics	4	100	36

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.III
RESOURCE MANAGEMENT
SESSION: 2019-20

NAME OF PAPER: EARGONOMICS

PAPER:I

MAXIMUM MARKS:80

UNIT– IV

Objective

- To become aware of the role of ergonomic in work effectiveness and efficiency.
- To understand the environment factors contributing to productivity, safety, control and well-being of individual performing the work.

UNIT – I

1. Ergonomics

- Definitions and meaning of Ergonomics.
- Scope of ergonomics in home and other occupations
- Nature of work in household and other occupations.
- Man-Machine-Environment system.

2. Physiological Aspects of work

- Structure and Functions of the muscles.
- Biochemistry of muscle work.
- Sources of energy for muscular work
- ATP, Energy currency
- CP, Energy reserve
- Food, carbohydrates, fats & proteins
- Energy requirement for muscular work & Efficiency

UNIT – II

3. Anthropometry and Biomechanics

- Definition,
- Scope and use of anthropometry
- Use of anthropometry in work centre

4. Human body as a system of levers

5. Principles of motion economy

UNIT – III

6. Posture

- Identification and analysis of posture
- Types of posture

7. Effect of wrong postures on Human body and muscular skeletal system.

8. correct techniques of lifting and carrying weights

UNIT – IV

9. Environment

- physical

10. Heat

- Thermal regulation of the body at rest and during work
- Thermal balance
- Factors responsible for exchange of heat between body and surrounding environment.

11 - Lighting and Color and Noise

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DEPARTMENT OF HOME SCIENCE

CLASS: M.Sc.III

RESOURCE MANAGEMENT

SESSION: 2019-20

NAME OF PAPER: ENTREPRENEURSHIP

PAPER:II

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Objectives

- To provide conceptual inputs regarding entrepreneurship management.
- To sensitise motivate the students to ward entrepreneurship management.
- To orient and impart knowledge to wards identifying and implementing entrepreneurship opportunities.
- To develop management skills for entrepreneurship management.

UNIT- I

1. Conceptual Framework

- Entrepreneurship ,Concept, nature & type of Entrepreneurship
 - a. Development of Entrepreneurship.
 - b. Entrepreneurship& socio-economic development

2. Entrepreneurship

- Institutional finance and Entrepreneurship
- Organization, Concept, nature process and importance of Organization

UNIT- II

3. The Entrepreneur

- i. Meaning , definition characteristics and function
- ii. Effectiveness of Entrepreneurs.
- iii. Social responsibility of an Entrepreneur

4.The Entreprenous

5. Organization Supporting Entrepreneurs

UNIT- III

6. Licensing & regulation of industries
7. Infrastructure facilities
8. Launching & organizing Entrepreneurship
 1. Economic and sociological view points.
 - Entrepreneurial development programmes

UNIT IV

9. Preparation of a new project
10. Project report
11. Start and expansion of a new business.

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DEPARTMENT OF HOME SCIENCE

CLASS: M.Sc.III

RESOURCE MANAGEMENT

SESSION: 2019-20

NAME OF PAPER: HOUSING

PAPER:III

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Objectives

To enable the students to

- Recognise the role of housing for national development
 - Be aware of the housing problems in India and the measures for alleviating the problems.

Understand and apply the principles of design in housing

Unit I

1. History of Housing
2. Housing –Needs definition and importance.
3. Changes in Housing need & standards.
4. Housing In India As Affected by Trends In
 - Population
 - Establishment of Households
 - Level of Income per Households
 - Occupation
 - Family Mobili
 - Technological Development

Unit II

5. Present Housing Condition In India
 - Rural & Urban
 - Cost of Housing
 - Quality of Housing Available.
6. Private and Public Housing
 - Various Housing Schemes & Local Government Programs
 - , Industrial Housing,
7. Housing finance

Unit III

8. Factors to be Considered While Designing

- Orientation
- Grouping of users area
- Circulation between & within users area
- Light & Ventilation
- Flexibility
- Privacy
- Roominess
- Services, Aesthetics, Cost

9. Type of Floor

10. Study of building materials.

Unit IV

11. False Ceilings – Different types in various materials.

12. Kitchen Platform and type.

13. Storage areas – Need and Rules for storage, Storage arrangements in different rooms.

14. Environmental Issues – Human & Environment.

15. Housing Research

- Agencies for research & Development
- Methods & Techniques

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.III
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: FUEL TECHNOLOGY

PAPER:IV

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Objectives

- To understand the potential and Limitation of Different energy sources and environment impact of their use.
- To understand the need and the ways of energy conservation.
- To study the innovation in fuel technology and energy management.

Unit – I

1. Sources of Energy and their classifications, non-renewable V/S renewable. Alternative, conventional vs non conventional commercial Vs non-commercial.
2. Energy Consumption Pattern.

Unit – II

3. Fossil fuels power; Fossil fuels – The theories of their formation.
4. Fuel – Introduction, what is a Fuel?, Classification of fuel, solid liquid & Gaseous origin & Artificial fuel, Solid, Liquid & Gaseous their properties and composition.

Unit – III

5. Solar Energy
 - Solar radiation reaching the earth surface.
 - Characteristics of Solar Energy.
 - Application of Solar Energy to system for.
 - I) Water Heating
 - II) Refrigeration
 - III) Cooking
 - IV) Solar tree
6. Air Energy – Introduction, Use, Air Rotator, Air Energy in India.

Unit – IV

7. Energy from Bio-mass: Thermal conversion processes available for obtaining gaseous and liquid fuels from bio-mass, Bio-gas plant and advances gasohol. Energy plantation.
8. Energy conservation.
 - Principles of improving the efficiencies of 1) combustion, 2) heat exchange, 3) energy conservation, 4) waste heat recovery and utilization etc.
 - Proper use and maintenance of domestic heating, cooking, lighting and other appliances.
 - Energy conservation in the transport sector.

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DEPARTMENT OF HOME SCIENCE
CLASS: M.Sc.III
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: ERGONOMICS

MAXIMUM MARKS:100

MINIMUM MARKS:36

PRACTICAL

Practicals

1. Use of instruments employed in ergonomics research (any five)
 - Treadmill, step-stool
 - ECG, Heart rate monitor
 - Noise level meter, environment kit
 - Skin thermometer
 - Sphygmomanometer
 - Height & weight measuring instruments
 - Stop watch
2. Determination of workload using heart rate
 - Treadmill or Bicycle ergometer
3. Determination of workload of some selected household activities by using
 - Pulse rate techniques
 - Time and motion study
 - Energy cost
 - Temporal cost
4. Postures
 - Identifying the types of posture assumed by women during work, analysis & interpretation to risks.
5. Analysis of individual approaches

Distribution of Marks

Seasonal	-	25
Work Book	-	35
Practical Work	-	20
Viva	-	20

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IVth SEMESTER

2019-20

M.Sc. RESOURCE MANAGEMENT**IInd SEMETER****Theory****Part A**

No.	Title	Credit	Marks						Total
			Theory		Test	Seminar			
			Max.	Mini.	Max .	Mini .	Max.	Min i.	
Paper-I	Statistics And Computer Application	4	80	16	10	2	10	2	100
Paper-II	Hospitality Administration	4	80	16	10	2	10	2	100
Paper-III	Public Finance	4	80	16	10	2	10	2	100
Paper-IV	Environment Management	4	80	16	10	2	10	2	100

Practical**Part B**

No.	Name of The Practical	Credit	Marks	
			Max.	Mini.
Practical - I	Communication Technology	4	100	36

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DEPARTMENT OF HOME SCIENCE
CLASS: M.Sc. IInd SEMESTER
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: STATISTICS AND COMPUTER APPLICATION

PAPER:I

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Unit I

1. Statistics: Meaning, definition, scope, importance, characteristics, distrust of statistics
2. Measurement of central tendency:
 - Mean
 - median
 - mode

Unit II

3. Graphic presentation of Data: Importance, types
 - Histogram
 - Frequency polygon
 - Frequency curve
 - Correlation: Definition, Meaning and types.
 - Methods of determining coefficient of correlation
 - Product moment method
 - Rank correlation.
4. Mean deviation
 - standard deviation
 - Quartile deviation

Unit III

5. Introduction to Computers:

What is computer? Characteristics, components of computer system, block diagram of computer, CPU, I/O devices and memory(RAM and ROM),secondary storage devices(Hard disk,floppy disk,magnetic tape etc.)
6. Analysis of variance
 - One way method: Direct and shortcut.

Unit IV

7. Computer generations.
8. Classification of computer :Analog, digital, hybrid, general and special purpose computers.
9. Types of Computer: Micro, mini, mainframe and super computer.
10. Chi-square test and goodness to fit.
11. Application of student 't' test for small samples.
12. Working with Ms-word: Getting started with word, formatting text and paragraph, Applying text and language tools, Designing pages with columns and tables, using graphics.

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RESOURCE MANAGEMENT

SESSION:2019-20

NAME OF PAPER: HOSPITALITY ADMINISTRATION

PAPER: II

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Unit I

1. Types Meaning and definition of hospitality
- 2 . Nature , scope, significance of Hospitality Management
3. Tradition and History of Hospitality in India
 - a. Role of housekeeping in hospitality industry.
 - b. House Keeping in relation to commercial and welfare sections.
4. Management of housekeeping department

Unit II

5. Scope & importance of house keeping
6. Layout of housekeeping department:
 - c. Planning, organizing and communication of housekeeping activities.
 - d. Coordination with other departments
 - e. Roles/responsibilities of personnel in the housekeeping department.
- . Service management: Power requirement, flushing system, music and television.
- Maintenance: Repairs and redecoration programmes.

Unit III

7. Administrative policies:
 - f. Personnel management : Recruitment, training, handling
Personnel promotion, evaluation, distribution of jobs, Job analysis.
 - g. , Budget-Definition & types, preparing & advantages of budget
Human behaviour in organization:
 - Personality, Meaning & Definition, Characteristics & types, Factors
influencing personality, attitudes, Meaning & Definition

Unit IV

8. Safety, security and sanitation: Safety, fire fighting, first aid, safety in equipment use, pest control, sanitation standard.
9. Uniform, types, selection, distribution and control.
10. Hostess training.
11. Banquet Management
12. Stress Management- Definition of stress, Types & Methods of stress reduction.
13. Team management

References:

1. Kapur, S.K.(1996) Professional Management, S.K. Publishers, New Delhi.
2. Deacon, R.E. and Firebaugh F.M.(1975) Home management : Context and Concept. Houghton Mill Boston.
3. Deacon, R.E. and Firebaugh, F.M.(1981) Resource Management : Principles and Application, Allyn and Bacon & Bacon, Boston.
4. Sherman, A.W. et al (1988) Managing Human Resources, South Western publication co. Cincinnati.

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DEPARTMENT OF HOME SCIENCE
CLASS: M.Sc.IInd SEMESTER
RESOURCE MANAGEMENT
SESSION:2018-19

NAME OF PAPER: PUBLIC FINANCE

PAPER:III

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Unit I

1.National income:

- Income distribution, per capita income
- Inequalities of income
- Consumer price index
- Inflation v/s Deflation
- Wages and earning principles of wage determination
- Wages differentials

Unit II

2. Financial planning and implementation:

- Budgeting: Allocation of resources, identifying aspiration, expectations and goals, objectives and advantages of budgeting, control.
- Planning a budget for a :
 - Family of fixed income
 - Restaurant/hostel/any selected organization
 - Boutique
 - Small industry

Unit III

3. Tax planning

- Types of taxes
- Principles and procedures of incometax
- Preparation of statement of income and filling of income tax in case of returns.
- Individuals(Salary class)
- Knowledge of various exemptions and deductions

4. Saving and investments:

- Importance of savings components
- Saving facilities and investment opportunities
- Evaluations of savings components
- Economics security and components
- Economics security and financial alternatives

Unit IV

5. Impact of globalization and direct foreign investment on business opportunities in India.
 - Income and property rights- Will, trusts and legal aspects of economics insecurity.
 - Unemployment, its nature and causes. Government programmes designed to increase family financial security.
6. Markets and Marketing:
 - Basic concept of market and marketing
 - Types of markets: Wholesale, retail, specialty, local, residential.
 - Changing nature of the business world i.e. e-business and e-commerce.
 - Marketing environment, marketing theories, models.
7. Markets and prices:
 - Definition and types of marketing prices.
 - Pricing under perfect and imperfect competition and monopoly.

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.IInd SEMESTER
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: ENVIRONMENT MANAGEMENT

PAPER: IV

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Objectives-

- To be aware of the holistic ecological approaches to environment
- To be aware of the environment problems, hazards and risks.
- To understand the aspect of environmental pollution and waste management.
- To be aware of the environmental policies, movements and ethics.
- To study and to understand the landscape designing and its appropriate application.
- To get familiar with the various materials related to landscape.

Unit I

1. Fundamentals of environment:
 - Environment definition. Scope of environmental studies.
 - Life and environment. Physical, chemical factors in the environment , changes in the environment
 - Environment hazards and risks.

Unit II

2. Eco-system:
 - Ecology: Definition, objectives and concept of Eco-system, scope of Ecology.
 - Tropic structure of Ecosystem
 - Ecological pyramid
 - Energy flow in Ecosystem

Unit III

3. Environmental pollution:
 - Concept of pollution, meaning, definition, causes and classification of pollution.
 - Effect of Environmental pollution
- 4 Urban pollution :-
Pollution and environment with reference to soil and noise.

Unit IV

5. Sources of pollution
 - Effect of pollution.
 - Remedies of control pollution.
 - Air pollution control
6. Environment legislation
 - Environment policies
 - Human rights issues relating to environment
 - Environment movements
 - Environment ethics

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.IInd SEMESTER
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: COMMUNICATION TECHNOLOGY
PRATICAL

MAXIMUM MARKS:100

MINIMUM MARKS:36

- 1 Concept of communication, scope of communication, communication
- 2 Different media their characteristics and use.
- 3 Use of video projector, silde/film strip project computers.
- 4 Introduction to new communication technologies
 - (a) Satellite distribution and broadcast networking.
 - (b)Developing close circuit television package in(cc TV) topics.
 - (c) Incorporating the use of video films in presentation i.e. the selected clippings.
 - (d)Slides: Makes use of slides with audio co-entries for presentation.
 - (e) Development and use of transparencies.
 - (f) Digital method of communication.
 - (g) Computer graphic designing
- 5 Presentation of graphics for research report/seminars/other presentation.
- 6 Designing leaflets/pamphlets/booklets/cover pages/posters.
- 7 Presentation using power points.

Distribution of Marks

Sessional.....	25
Work Book.....	35
Practical.....	20
Viva.....	20

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**M.Sc.
RESOURCE MANAGEMENT**

IVth SEMETER

Theory

Part A

No.	Title	Credit	Marks						Total
			Theory		Test	Seminar			
			Max.	Mini.	Max .	Mini .	Max.	Min i.	
Paper-I	Residential and Establishment	4	80	16	10	2	10	2	100
Paper-II	Consumer Education	4	80	16	10	2	10	2	100
Paper-III	Space Design	4	80	16	10	2	10	2	100
Paper-IV	Management of Human Resources	4	80	16	10	2	10	2	100

Practical

Part B

No.	Name of The Practical	Credit	Marks	
			Max.	Mini.
Practical - I	Housing & Space Design	4	100	36

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.IV
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: RESIDENTIAL AND ESTABLISHMENT

PAPER:I

MAXIMUM MARKS:80

NUMBER OF UNITS: – IV

Objectives

- To familiarize the students with the various services in residences and other establishments.
- To analyses the services the respect to design cost and maintenance.

UNIT – I

1. Water supply system

- Water supply system to commercial and residential buildings.
- Water pipes and voles used in water supply system.
- Types of water supply system.
- Water supply to bathrooms, Toilets, W.C. and Kitchen.

UNIT - II

2. Drainage System

- Drainage system – with municipal drain line.
- Septic Tank
- Soakpit
- Drainage system using septic tank and soakpit
- Types of drains, pipe size for drain traps.

3. Garbage Disposal

- Vermi composting
- Vermi culture

UNIT – III

4. Electrical layout and wiring system

- Types of lamps and light fixtures
- Types of wiring system

5. Air Conditioning

- General purposes
- System of air Condition
- Essentials of Ac System

6. Building Disaster Management

- Anti disaster constructions.

UNIT – IV

7. Termite proofing – Essentials of Termite Proofing

- Method of Termite Proofing

8. Damp Prevention – Sources of damp

- Effects of damp
- Techniques of damp prevention
- Methods of damp prevention

9. Heat insulation –

- Definition
- Principles
- Materials

10. Fire fighting, General measures of fire safety in building.

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.IV
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: CONSUMER EDUCATION

PAPER:II

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Objectives

10. To sensitive the students with the need for consumer education.
11. To develop an understanding of market environment and business strategies for better consumption practices.
12. To strengthen the consumer knowledge and to equip them to face challenges in the market situations.

UNIT – I

Contents

1. 1.Consumer Education
 - a. Brief History
 - b. Definition, Concept and Significance/need.
 - c. Objectives
2. Approach to consumer education – Economic, environment, socio cultural, health & safety and legal.
- 3.Action line for consumer education
 - a. Action plan – knowing situation, formulating plan of action, implementing, evaluation and follow up.
 - b. Methods for imparting education – Role-plays and games, project testing and evaluation.

UNIT - II

4. Contents – Resource management, decision-making, sound purchasing habits, learning skills, conservation and protection of environment.
5. Resources- Media-Written, audio and visual. Market place, government agencies consumer organizations.
- 6 .Problems faced and remedial measures.

UNIT – III

7. Teaching Consumerism

- a. Plans for teaching better consumption practices, factors
- b. Consumer aids – Meaning, Classification types.
- c. Consumer Rights and responsibilities.

UNIT – IV

8. Consumer Protection

- a. Need, measures and methods.
- b. Role of consumer organizations- National and International.
- c. Consumers International regional Office at Pune India.
- d. Consumer laws- Role and Provisions of the acts – Implications.

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.IV
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: SPACE DESIGN

PAPER:III

MAXIMUM MARKS:80

NUMBER OF UNITS: IV

Objectives

- *To understand the factors influencing space design organization for optimum comfort and functionalism.
- *To understand the application of anthropometric data in designing interior.
- *To evaluate ergonomically residential interior space for various activities.
- *To provide adequate facility for work, relaxation, rest comfort, privacy, care aesthetics etc. through interior space designing.
- *To study the materials along with fitting and fixtures used in residential interiors.

Unit – I

Analysis of Housing Design

1. Selection of site
2. Analysis of Plan – Needs and definition importance
3. Process of Map making.
4. Site plan & floor plan

Types of Designs

1. Structural design decorative design
Styles of Interior Designs: Traditional style, cottage style, modern style.
- 2.Design and Color: Color theory, dimensions of Color, Classification of Colors, Psycho-social and physical effects of colors, types of color schemes.

Unit – II

Decoration: History of development of decoration. Object of decoration.

1. Furniture Design – Fundamentals of Furniture arrangement in various rooms.
2. Classification selection.
3. Residential Furniture – Sketch, form and sizes of all and details of any 6 items, such as sofa, diwan, chairs, puffed centre table, wall unit, dining table, side board, kitchen unit, bed, wardrobe, dressing table etc.

Unit – III

1. The Special Need .Division of Rooms and their arrangement.
 - Circulation in building.
 - Space needs in relation to furniture and fitments
 - Space in room and passage.

2. Layout and dimensions of rooms

Entrance wall & front door.

Living & drawing Room

Bedroom & Children Room

Guest Room

The Kitchen Dining Room, Bathroom & W.C.

Unit – IV

Current Trends in Interior Design

1. Place of Art in the Home
2. Use of Principle of Art in the decoration Uses of color in Home decoration.
3. Current trends of Indian decorative regional art.

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CLASS:M.Sc.IV
RESOURCE MANAGEMENT
SESSION:2019-20

NAME OF PAPER: MANAGEMENT OF HUMAN RESOURCES

PAPER:IV

MAXIMUM MARKS:80

NUMBER OF UNITS: I V

Objectives

- *To increase awareness of human beings as resource potentials of attaining goals of mainly life and as an important national resources
- *To acquire ability to use scientific facts and principles for decisions related to use of time and energy.
- *To develop the ability to use and reevaluate, to improve human resources.
- *To recognize the need for further research in practical life in relation to use of human resources.

Unit - I

1. Principles of human resources use.
2. Fatigue and impairment in man
Physiological – Causes and remedy
3. Efficiency in use of human resources
Concept of efficiency Vs effectiveness
Types of efficiency Psychological – Causes and remedy
Factors affecting efficiency
Factors affecting effectiveness

Unit – II

4. Motivation
 - Meaning of Motivation.
 - Nature and characteristics of Motivation
 - Process of motivation
 - Methods of motivation
 - Importance of Motivation
 - Factors of Motivation
5. Productivity
 - Meaning of productivity.
 - Factors in productivity
 - Effect of motivation on productivity

Unit – III

6. Methods and techniques for improving resources use
 - Development of labour saving device
 - Improvement of working conditions
 - Changing of attitudes
 - Development of efficient work methods.
7. Personality & Development of Manager
 - Introduction and Definition of personality & Executive development
 - Types of personality
 - Importance of Managerial development
 - Development methods of Executive Management

Unit – IV

- 8 . Training
 - Introduction and definition
 - Objectives of Training
 - Characteristics of Training
 - Principles of training
 - Value of Training
 - Methods of training
9. Leadership- Introduction, Quality of Leader, Styles of Leadership
- 10.Training for personality development & Leadership
- 11.Goals of Training and development

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DEPARTMENT OF HOME SCIENCE
CLASS:M.Sc.IV
RESOURCE MANAGEMENT
SESSION:2019-20
NAME OF PRACTICAL: HOUSING & SPACE DESIGN
PRACTICAL -I

MAXIMUM MARKS:100

MINIMUM MARKS: 36

Housing & Space Design

1. Floor Plan Evaluation
2. Drawing house plan for various income groups.
3. Study of building materials.
4. Drawing sketches of interior decorative aspect lime – interior schemes of rooms.
5. Color Schemes.
6. Analysis Rate of Certain items like stool, Tables etc.
7. Preparation of art object.
8. Collection of false ceiling material.
9. Floor decoration – Alpna, Rangoli and Flower medium.

Distribution of Marks

Seasonal	-	25
Work Book	-	35
Practical Work	-	20
Viva	-	20

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2019-20