

MSc Family Resource Management

SEMESTER I

Course Code	Course Title	L-T-P	Credits
HRM 801	Theories and Concepts in Family Resource Management	3-0-0	3
HRM 802	Advanced Household Equipment	2-0-2	3
HRM 803	Family Decision Making	2-0-2	3
MAS 711	Statistics I	2-0-2	3
ECON 705	Research Methodology	2-0-4	4
		10-0-12	16

SEMESTER II

Course Code	Course Title	L-T-P	Credits
MAS 715	Statistics II	2-0-2	3
COMP 705	Computer Orientation	2-0-2	3
HRM 804	Interior Design and Decoration	1-0-2	2
HRM 805	Activity Analysis and Ergonomics	2-0-2	3
HRM 806	Housing Design & Programme	2-0-2	3
		9-0-8	14

SEMESTER III

Course Code	Course Title	L-T-P	Credits
HRM 880	Seminar	0-0-2	1
HRM 807	Women Entrepreneurship Development	1-0-2	2
HRM 808	Household and Environment	2-0-0	2
		3-0-4	5

SEMESTER IV

Course Code	Course Title	L-T-P	Credits
HRM 899	Thesis	0-0-30	15
		0-0-30	15

Total Credits = 48

M. Sc. Family Resource Management

Dept. of Family Resource Management

HRM 801 THEORIES AND CONCEPTS IN FAMILY RESOURCE MANAGEMENT

Course Outline

THEORY

Credits 3(3-0-0)

• Family Resource Management as a field of study	
○ Historical perspective	1
○ Introduction	1
○ Modern concept	1
○ Stages of development as a discipline	2
• Interdisciplinary nature of Family resource Management	
○ Contribution of business management	2
○ Contribution of behavioural science	2
○ Contribution of farm management	2
• Philosophy and role of Family resource management In Home Science Education	1
• Motivation for management	
○ Factors influencing management process	2
○ Family needs and functions	2
○ Values- Sources and patterns of values	2
○ Attitudes and beliefs	2
○ Family goals	2
○ Standards – relevance to goal attainment	2
○ Interrelationship of concepts of management	2
• Resources	
○ Classification and characteristics	2
○ Resource assessment	
○ Resource interactive issues of family and farm system	2
○ Resource generation and allocation in transitional society	2
• Management process	
○ Nature and role of management	2
○ Conceptual framework	2
○ Challenges in management process	2
• Decision Making	
○ Classification and models for decision making	2
○ Role of decision making in management	2
○ Decision making and gender perspective	2
• Status of research In Family Resource Management	
○ Scope for research	2
○ Research gaps	2
Total	48

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid Term Examination	- 30
End term examination	- 60

Total	100

REFERENCES:

- Sushma Gupta, Neeru Garg and Amila Agarwal **The text book of Home Management, Hygiene and Physiology.**, Latest Ed., Kalyani Publication.
- The educational Planning Group. **Home Management**, Latest Edition, Arya Publication House.
- Paulene Nickell, Jean Muir Dorsey. **Management in Family Living** , , Fourth edition
C B S Publishers and Distributors, New Delhi

M. Sc. Family Resource Management

Dept. of Family Resource Management
HRM 802 ADVANCED HOUSEHOLD EQUIPMENT

Course Outline

THEORY	Credits 3(2-0-2)
<ul style="list-style-type: none">• Growth and development in household equipment technology. 3<ul style="list-style-type: none">○ Trends in equipment 2<ul style="list-style-type: none">- Kinds of equipment- Base materials and finishes- Design and construction	
<ul style="list-style-type: none">• Evaluation of design, performance and safety standards 5<ul style="list-style-type: none">○ Organisation developing equipment standards○ Types of standards already developed○ Evaluation of equipment as per the developed Standards○ Equipment standards needed for –<ul style="list-style-type: none">- Normal home makers- Handicapped home makers	
<ul style="list-style-type: none">• Ergonomic principles in relation to household equipment 6<ul style="list-style-type: none">○ The workers while using equipment<ul style="list-style-type: none">- Concept of the human cost of work<ul style="list-style-type: none">▪ The affective component▪ The cognitive component▪ The temporal component▪ The physical component○ The work and the equipment 3○ The work place and the usage of equipment	
<ul style="list-style-type: none">• Basics of electricity 4<ul style="list-style-type: none">○ conductors and non- conductors,○ generation of electric current○ wiring, wiring in home , master control of building○ wiring system, circuits, current, and kinds of electric current, voltage, over current protective device○ Motor safety devices, electrical accessories.	
<ul style="list-style-type: none">• Equipment Classification 5<ul style="list-style-type: none">○ Electrical, Non electrical, tools, utensils etc.	
<ul style="list-style-type: none">• Drudgery reducing equipments 4<ul style="list-style-type: none">○ Use and maintenance of house hold equipments○ Energy crisis, conventional and non conventional○ Energy sources○ Energy Conservation methods.	

Total 32

PRACTICALS:

▪ Tracing trends in equipment technology	2
▪ Efficiency and performance testing of various household equipment	1
▪ Use, care and maintenance of electrical equipments.	1
▪ Use ,care and maintenance of non electrical equipments	1
▪ Identification of equipments related to food and their working.	1
▪ Identification of equipments related to cleaning, laundry and their working	1
▪ Identification of equipments related to recreation and their working.	1
▪ Fuse replacement making electric connection in homes and labs.	1
▪ Anthropometry and work space dimensions	2
▪ Measures of the physical cost of work while using The equipment	2
▪ Visit to equipment industries	3

Total	16

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid Term	:20
Practicals	- 30
End term examination	- 40

Total	100

References:

- *Louise Jension Peet, Lenore Sater Thye. House hold equipment (1949), 5Th edition,*
- *Louise Jension Peet, Lenore Sater Thye. House hold equipment (1955), 4Th edition.*
- *Forence Ehrenkranz, Lydia Inman. Equipment in the home (1958)*

M. Sc. Family Resource Management

Dept. of Family Resource Management
HRM 803 FAMILY DECISION MAKING

Course Outline

THEORY

Credits 3(2-0-2)

- **Decision Making**
 - Importance of Decision Making 2
 - Classification Of Decisions 2
 - Steps involved in Decision Making 2
- **Problem Solving**
 - Modes of Problem solving 2
 - Importance of Problem solving in Decision Making 2
- **Communication**
 - Interpersonal communication 2
 - Communication and Decision Making 2
- **Conflicts**
 - Levels of conflicts 2
 - Methods of resolving conflicts 2
 - Certainty and Levels of risk 2
- **Decision**
 - Decision rules 3
 - Decision tree 3
 - Factors influencing decisions related to Family resources 3
- **Researches in Decision Making in Indian Families** 3

Total 32

PRACTICALS

- Conducting case study of 5 families to analyse-
 - Decision making styles 4
 - Communication patterns 6
 - Decision patterns in the family for different socio-economic groups 6

Total 16

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid Term	20
Practicals	- 30
End term examination	- 40
Total	100

REFERENCES:

- Sushma Gupta, Neeru Garg and Amila Agarwal **The text book of Home Management, Hygiene and Physiology.**, Latest Ed., Kalyani Publication.
- The educational Planning Group. **Home Management**, Latest Edition, Arya Publication House.
- Paulene Nickell, Jean Muir Dorsey. **Management in Family Living** , , Fourth edition
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M. Sc. Family Resource Management

Dept. of Family Resource Management
HRM 804 INTERIOR DESIGN AND DECORATION

Course Outline

THEORY

Credits 2(1-0-2)

- **Impact of housing and interior designing on-** **2**
 - Physical wellbeing of the family
 - Psychological wellbeing of the family
 - Social wellbeing of the family

- **Functional and aesthetic aspects in interior designing** **2**
 - Use of space
 - Use of colour
 - Use of texture
 - Use of pattern
 - Use of lighting

- **Furniture and Furnishings** **2**
 - Evolution of various styles in furniture design
 - Furniture design principles
 - Factors affecting the choice of furniture and furnishings
 - Draperies and curtains
 - Floor coverings
 - Upholstery
 - Accessories and arrangements
 - Care of furniture and furnishings

- **New trends in furniture design and style** **2**
 - Changing trends in design and style of furniture
 - Use of various materials in furniture design
 - Functional utility of various materials and designs

- **Table setting** **2**
 - Residential
 - Commercial

- **Flower needs for interior designing** **2**
 - Residential settings
 - Professional settings

- **Current trends in interior designing with emphasis on – 4**
 - New items of furnishing
 - Materials and cost of furnishings
 - Application and experiments by the interior designer

- **Project formulation and estimation of costs of the projects** **3**

Total 16

PRACTICALS

- Graphic presentation of interiors - 2
 - Residential
 - Commercial
- Developing Colour schemes- 2
 - Residential
 - Commercial
- Critical analysis of interior decoration of selected houses 1
- Suggestions for improvement in interior decoration 1
- Flower arrangement 2
 - Styles of flower arrangement
 - Preparations of wood and other plant material for permanent arrangements
- Table linens 1
 - Preparation of table linens
 - Use of table linens in interiors
- Accessories 1
- Organising an exhibition on Interiors with display in different room arrangements 2
- Visit to 4
 - interior designing institute
 - Hotels
 - Restaurants
 - Show rooms

Total 16

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid Term	-15
Practicals	- 45
End term examination	- 30

REFERENCES:

- Devan, Dorothy. **Introduction to Home furnishings**. New Mc Millan. London
- **Art in everyday life**, IV Ed., The Macmillan Company, Newyork
- Whilton, S. **Interior Design and Decoration**. JB Lippincott company, Newyork.
- Faulkmer,R. and Faulkner, S. **Inside today's home**, Rinchart and Winston Inc., Newyork.

M. Sc. Family Resource Management

Dept. of Family Resource Management
HRM 805 ACTIVITY ANALYSIS AND ERGONOMICS

Course Outline

THEORY	Credits 3(2-0-2)
• Definition and classification of household work	2
• Factors influencing performance of household work	2
• Ergonomics	
○ Scope and importance	2
○ History of ergonomics	1
○ Ergonomic analysis of work	1
○ Work, worker and workplace	1
○ Relationship between man-machine-environment	1
• Concept of human cost of work in relation to affective, cognitive, Temporal and physical components	2
○ Cost of work	1
○ Physiological cost of work	1
○ Cardiac cost of work	1
○ Perceived rate of exertion	1
○ Frequency of performance of activity	2
○ Incidence of pain by body map	2
• Functional designs and arrangement of kitchen and other Work centres	
○ Rural kitchen	3
○ Urban kitchen	3
• Ergonomic analysis of various work centres in home	2
• Procedure for desiging work through time and motion study techniques	
○ Motion economy	2
○ Design of work method	2
Total	32

PRACTICALS

• Planning , organizing and evaluating work areas	2
• Analysis of time cost, Physiological cost of work	3
• Determining work space and storage equipments for various work centres and activities	2
• Ergonomic analysis of furniture and furnishings	3
• Ergonomic analysis of work of farm women in different Activities-	
○ Fodder collection	1
○ Fuel collection	1

○ Fetching of water	1
○ Milking activity	1
○ Cooking	1
○ Other activities	1
Total	16

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid Term	- 20
Practicals	- 30
End term examination	- 40

Total	100

REFERENCES

- Grandjean, E., Ergonomics of the Home. Taylor and Francis Publications
- McCormick, E. J. , Human Factors in Engineering and Design, Mc Graw Hill Book Company Inc., NewYork

M. Sc. Family Resource Management

Dept. of Family Resource Management
HRM 806 HOUSING DESIGN AND PROGRAMME

Course Outline

THEORY

Credits 3(2-0-2)

- Housing
 - Introduction 1
 - Factors affecting housing 1
 - Private and public housing 1
 - Housing standards 2
 - Housing needs 1
 - Housing demands and future projections 2
 - Functional design in house 2
- Types of housing
 - Own house 1
 - Rented house 1
 - Cooperative housing 2
 - Slum and squatters 2
- Principles of town and country planning 2
- Family housing
 - Financing 2
 - Role of governmental and non governmental agencies 2
 - Housing schemes 2
 - Housing byelaws 2
- Researches related to social, psychological and physical aspect Of housing 2
 - Housing research institutions 2
- Essential services in housing 2

Total 32

PRACTICALS

- Evaluation of existing rural and urban houses of different Socio economic groups 4
- Estimating the cost of each type of house of each category 2
- Visit to housing colony 2
- Visit to research institutes 4
- Preparation of house plans of different socio economic groups 4

Total 16

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid Term	- 20
Practicals	- 30
End term examination	- 40

Total	100

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- Sushma Gupta, Neeru Garg and Amila Agarwal. **The text book of Home Management**, Hygiene and Physiology., Kalyani Publication.
- **Home Management**, The educational Planning Group, Arya Publication House Latest edition.
- Paulene Nickell, Jean Muir Dorsey. **Management in Family Living**, Fourth edition C B S Publishers and Distributors , New Delhi.
- Goodyear, M. R. and Klohr, M.C. **Managing for effective living**, kalyani publication
- Pugh, Cedric, 1990. **Housing and urbanization**. Sage publications, New Delhi
- Cherunilam , Prances and Heggade, Odeyon, D. 1987. **Housing in India**. Himalaya publishing house, New Delhi
- **National Buildings Organization** – monograph of housing statistics
- NBO, **Low Cost Housing Design** , N. B. O. New delhi
- Mathur, G. C. 1983. **Low Cost Housing In Developing Countries**. Oxford & IBH publishing Co. Pvt., Ltd. New Delhi.
- Khurana, M. L. 1997. **Reading In Cooperative Housing**, N. B. O. , New Delhi

M. Sc. Family Resource Management

Dept. of Family Resource Management
HRM 807 WOMEN ENTREPRENEURSHIP DEVELOPMENT

Course Outline

THEORY

Credits 2(1-0-2)

- Women Entrepreneurs- An overview 1
- Women as entrepreneurs in micro and small enterprise Management 1
- Government policies, SSI and women entrepreneurs 2
- Analysis of case studies of women,s economic Organizations – 2
 - SEWA,
 - Grameen bank
 - Women’s world banking
 - Women’s financial corporation
- Identification and study of viable micro enterprise in formal and home based production 2
 - Feasibility study
 - Survey of input supply and marketing channels
- Quality control of manufactured product in micro enterprises 2
- Identification of various rural-urban sources to finance agro based Micro and small enterprise of women 2
- Fundamentals of accounting 2
 - Calculating cost of production
 - Profit margins, net returns and marketing channels
- Basic principles of procuring and managing capital 2
 - Tasks and responsibilities of using borrowed capital

Total 16

PRACTICALS

- Planning and Implementing a feasibility study for starting a micro enterprise in rural/urban area 4
- Identification of feasible input supply and marketing channels to promote a rural women’s agro based micro enterprise/ home based commercial enterprise in a nearby city 4
- Calculation of manufactured product price and profit 4
- Management of a production centre/ cooperative for gaining Practical experience e in all aspects of managing a micro enterprise 4

Total 16

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid term	- 15
Practicals	- 45
End term examination	- 30

Total	100

REFERENCES:

- Rajagopal, A. C. 1990. Agri – Business and entrepreneurship, Anmol Pub.
- Gupta, R. 1992. Industrial Entrepreneurship, Printwell , Jaipur
- Mishra, D. N. 1990. Entrepreneur, Entrepreneurship development and planning, Chug Publishers, Allahabad.

M. Sc. Family Resource Management
 Dept. of Family Resource Management
 HRM 808 Household and Environment

Course Outline

THEORY

Credits 2(2-0-0)

• Ecology and environment	
○ Introduction	2
○ Principles	2
○ Human environment in ecological perspective	2
○ Functioning of ecosystem	2
○ Relationship of ecosystem with family environment	1
• Rural-urban household in their ecological setting	2
• Impact of household systems behaviour on Natural Resource Environment and vice versa	2
• Interaction between ecology and family	2
• Resource system and its implications for quality life	2
• Environmental resource degradation and its impact on Family resource system	2
• Utilisation techniques of household and farm waste for Sustainable development in rural families	2
• Environmental Education in India	
○ Role of women in Natural Resource Management	2
○ Contribution of families in maintaining ecological balance	2
• Pollution and environment	3
○ Air pollution	
○ Water pollution	
○ Land pollution	
○ Noise pollution	
○ Environmental sanitation and hygiene	
• Role of Government and private sectors Natural Resource Management	2
• National and International environmental laws	2
	Total
	32

MARKS DISTRIBUTION

Assignments/ Quizzes	- 10
Mid Term	- 30
End term examination	- 60

Total	100

REFERENCES

- NCEPC - National Committee on environmental Planning and co-ordination, publications
- Arlhon, S. Boughey-Readings in man the environment and human ecology Macmillan Publication co-Inc. New York.

William, R. Readings in Ecology, Energy and Human society-contemporary perspective, Harper and Row Publications