

Sant Gadge Baba Amravati University, Amravati
M.Sc. Resource Management
Semester III

Part B

Syllabus Prescribed for Second Year PG Programme

Programme: M. Sc. RM Semester III

Code of the Course/Subject Title of the Course/Subject Total Number of Periods

RM301 Research Methodology and Statistical Application 60 4/W

Course Outcomes -

After completion of the course student will be able to -

1. Aware about the research and its types
2. Comprehend the fundamental principles and techniques of methodology concerning research
3. Apply statistical procedure to analyse data and draw inferences.

Unit	Content	Periods
Unit I	Introduction to Research <ul style="list-style-type: none"> •Research – meaning and definition, •Importance of research in the developmental context •Research process 	10
Unit II	Research Design and Sampling <ul style="list-style-type: none"> • Meaning, Basic components of research design and types of research design • Concept of Population and Sample, Characteristics of good sample • Types and Methods of drawing Sample Probability sampling and Non probability sampling 	12
Unit III	Data Collection <ul style="list-style-type: none"> • Concept of data, Types of Data – Qualitative and Quantitative data, Primary and Secondary data • Levels of data measurements and characteristics of good measurement • Tools of data collection and their uses ·Questionnaire ·Schedule ·Rating scale ·Attitude scale ·Interview – structured and unstructured ·Observation – participant and non-participant ·Attitude scale · 	12
UnitI V	Descriptive and Inferential Analysis of Data <ul style="list-style-type: none"> •Measures of central tendency-mean, median, mode-arithmetic mean and its uses •Measures of dispersion /variability- range, variance, standard deviation, standard error, coefficient of variation, Kurtosis, skewness •Large and Small Sample tests and interpretation Coefficient of correlation, ·t tests ·Z test ·F test ·ANOVA •Application of non-parametric tests ·Chi square test ·Spearman’s Rank correlation 	14
Unit V	Report Writing <ul style="list-style-type: none"> •Basic components of a research report- preliminaries, Introduction, Review of Related Literature, Methodology, Results, Discussion, Conclusion, Summary, Bibliography and Appendices 	12

Course Material/Learning Resources

References :

- 1.Devadas.R., 2000.A Handbook on methodology of Research, Sri Ramakrishna Vidyalaya, Coimbatore,
- 2.Gupta.S.P., 2002 .Statistical Methods, Sultan Chand & Sons, New Delhi,
- 3.Srivastava.A.B.L and Sharma. K.K., 2003 .Elementary Statistics in Psychology and Education, Sterling Publishers Pvt.ltd.
- 4.Kothari.G.R., 2004 Research Methodology, Methods and Techniques, Wiley Eastern Limited, New Delhi,
- 5.Gosh.B.N., 2006. Scientific Methods and Social Research Sterling Publishers Pvt.ltd., New Delhi.
- 6.Kulbir Singh. S., 2006 Methodology of Research in Education Sterling Publishers Pvt. Ltd., New Delhi.
- 7.Coolican, H. (2014). Research methods and statistics in psychology (6th ed.). Psychology Press.
- 8.Kothari, C.R. (2019) Research Methodology: Methods and Techniques. 4th Edition, New Age International Publishers, New

Syllabus Prescribed for Second Year PG Programme

Programme: M. Sc. RM Semester III

Code of the Course/Subject Title of the Course/Subject Total Number of Periods
RM302 Resource Development Programme Design and Evaluation 60 4/W

Course Outcomes-

After completion of the course students will be able to

- 1) Understand the process of programme designing.
- 2) Develop ability in planning resource development programme.
- 3) Evaluation, Follow up and Documentation of programmes

Unit	Content	Periods
Unit I	Programme Planning and Implementation Programme Planning – Meaning and importance. · Pre-requisites for developing plan (short term and long term) · Programme planning process. Implementation. · Aspects of execution · Factors responsible for the successful conduct of programme.	12
Unit II	Evaluation, Follow-up and Documentation: Evaluation – Meaning and purpose of evaluation. · Types and tools of evaluation. Follow up – Need for follow up. · Methods of follow up. Documentation – Need for reporting and recording. · Aspects to be covered.	12
Unit III	Resource Development Programme Design Design objectives and target group. · Resource Mapping. · Administrative structure	12

	<ul style="list-style-type: none"> · Implementation process. · Monitoring and Evaluation of designed programme. 	
UnitIV	Study the Programme Design and evaluation aspects of on going resource development programmes of GO's and NGO's.	12
UnitV	Management Information System (MIS). Meaning Use of MIS, Applications of MIS	12

Course Material/Learning Resources

References :

- 1) Literature of MSCIT.2) Garrett, Henry E. (1971), Statistics in Psychology and Education, David Hanley and Co.
- 3) Edward, Experimental Design in Psychological Research.
- 4) Kerlinger, Foundation of Educational Research.
- 5) Singh, R. (1987), Textbook of Extension Education. Sahitya Kala Prakashan, Ludhiana.
- 6) Sandhu,A.S. (1994), Extension Programme Planning. Oxford & IBH Publishing Co., New Delhi .
- 7) Ray, G.L. (1999), Extension Communication and Management. Naya Prakashan; Calcutta.
- 8) Reddy, A. (1999), Extension Education, Sree Lakshmi Press, Bapatla.

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource ManagementSemester 1II

Code of the Course/Subject Title of the Course/Subject	Total Number of Periods
RM303A(DSE-1) Front Office Operation and Accommodation	4/W

Course Outcomes -

After completion of course students will be able to-

- 1) Organizational procedures of the front office
- 2) Comprehend the principle of front office operation
- 3) Develop effective communication skills and the art of dealing with people

Unit	Content	Periods
UnitI	Introductions <ul style="list-style-type: none"> · Importance of the hospitality industry and its relation totourism · Classification of hotels · Major departments in a hotel · Room rates, tariff structure and basic of charging 	12
UnitII	Hotel guests <ul style="list-style-type: none"> · Types of hotel guests · Guests and their needs · Interaction between guests and front office personal 	12

UnitIII	Front office operation and organization · Duties of front office personal · Basic terminology used in the front office · Organizational structure of front office	12
UnitIV	Receptions · Expected arrival and departure list · Key handling and control · Room status reports occupying percentage · Preparing room report night	12
UnitV	Handling change of room procedure, wake up calls, guests requests Handling complaints and unusual events	12

Course Material/Learning Resources

References :

- 1) Andrews, S.(1992) Hotel front office training manual, TATAMcGraw trill
- 2) Beavis, J.R. Medlik, S(1985) A manual of hotel reception,3rdedition un manna
- 3) Dix C (1979) Accommodation operations front office Mc Donald'sand Evans Ltd.
- 4)Andrew, Sudhir (1985) hotel house keeping – training manual ,TATA McGraw trill publishing clotted, New Delhi
- 5) Chakravarti, B. K. technical guide to hotel operationMetropolitan book to put Ltd New Delhi.

Syllabus Prescribed for Second Year PG Programme Programme: Programme: M.Sc. Resource ManagementSemester 1II

Code of the Course/Subject Title of the Course/Subject Total Number of Periods
RM303B(DSE-1) House Keeping and Facility Management 60 4/W

After completion of the course students will be able to-

- 1) Become aware of different areas and functions of housekeeping department.
- 2) Develop and acquire skills in housekeeping activities
- 3) Acquire knowledge regarding procedures for maintenance of rooms

Unit	Content	Periods
UnitI	House keeping · Introduction and importance of hospitality · Organization of housekeeping department · Duties and responsibilities of hose keeping staff	12
UnitII	Cleaning activity · Cleaning agents – Selection and use for different surfaces · Cleaning equipment – Selection and care, maintenance · Cleaning Techniques – Sweeping, dry and wet mopping, vacuum cleaning, spray cleaning	12
UnitIII	Uniforms · Types of uniform	12

	<ul style="list-style-type: none"> · Selection of uniforms · Distribution and control 	
UnitIV	Furniture <ul style="list-style-type: none"> · Types of Furniture · Furniture management · Types of Furniture · Accessories – Various types and their place in interior Decoration 	12
UnitV	Soft furnishing <ul style="list-style-type: none"> · Selection, care and maintenance of beds, mattresses and pillows, linen, blankets, slipcover, bed covers · Carpets- Types of carpets and their selection · Lightning - Types of lightning suitable for various activities 	12

Course Material/Learning Resources

Reference-

- 1) Andrew, Sudhir (1985) hotel housekeeping – training manual, TATA McGraw trill publishing clotted, New Delhi
- 2) Chakravarti, B. K. technical guide to hotel operationMetropolitan book to put Ltd New Delhi.
- 3)A.K.Bhatia (1983) : Tourism Development : Principles and Practices, 2nd Edition, Stealing Publishing Co., New Delhi.
- 4) Dr.S.P.Gupta and Lal (1994) : Tourism Museum and Monuments in India, Oriestal Publisher, Delhi.

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester 1II

Code of the Course/Subject	Title of the Course/Subjec	Total Number of	Periods
RM303C(DSE-1)	Recent Household Technology	60	4/W

Course Outcomes -

After completion of course students will be able to-

- 1) Acquaint about concept of recent household technologies
- 2) Sensitize Indigenous, existing technologies in areas of Home Science
- 3) Develop skill in preparing models of various sustainable technologies

Unit	Content	Periods
Unit I	Concept of Household Technology Need for and importance of empowerment and sustainable development Indigenous household technologies in various discipline of Home Science	12

UnitII	Energy Saving Technology <ul style="list-style-type: none"> • Principles, working and application of- • Solar: cooker, lamp, water heater, dryer etc. • Biogas, Zero Energy Cool Chamber, Smokeless chulha, Rural refrigerator • Hay box, Icmic and Sarai Cookers, • · Coal from household waste 	12
UnitIII	Water Conservation Technology <ul style="list-style-type: none"> • Rainwater harvesting technology • Water recycling and recharging technologies • Water purification technologies 	12
UnitIV	Waste Management Technology <ul style="list-style-type: none"> • Technologies for degradable waste – Vermicomposting, organic composting etc. • Technologies for non-degradable waste, Principles of non degradable waste management 	12
UnitV	Existing Technologies in following areas <ul style="list-style-type: none"> • Resources Management • Food and Nutrition • Textiles and Clothing • Human Development • Communication and Extension 	12

Course Material/Learning Resources

References

- 1) Publications of Centre of Science for villages, Wardha
- 2) Publications of ARATI, Pune
- 3) Publications of Ministry of Non-conventional Energy Source
- 4) Publications of Ministry of Environment and Forest, New Delhi

**Syllabus Prescribed for Second Year PG Programme Programme:
Programme: M.Sc. Resource Management Semester 1II**

Code of the Course/Subject	Title of the Course/Subject	Total Number of	Periods
RM304A(DSE-2)	Environment Management	60	(4/W)

Course Outcomes -

After completion of course students will be able to-

- 1) Students to understand the relevance of environment to resource management.
- 2) know various community resources and their management.
- 3) Inculcate eco concerns in students and empower the students to think and act ethically about environment issues.

Unit	Content	Periods
Unit I	<ul style="list-style-type: none"> • Energy sources and classification • Energy use. The patterns of energy use in the past, present and in the future. • Over exploitation of energy sources and its effect on environment 	12
UnitII	Energy crisis and it's management <ul style="list-style-type: none"> • Need for combating energy crisis • Alternate energy sources, their potentialities and environment 	12

	impacts of their use • Energy conservation and need, ways	
UnitIII	Environment meaning, inter-relationship between population and development • Socio economic environment impact on families and organization. • Environment issues – women and environment • Environment pollution and sources of pollution • Soil, Water, Air, Noise pollution- causes, effects and remedies	12
UnitIV	Global Warming –Role of ozone in environment, ozone layer depleting gases, Greenhouse effect, Acid rain • Environmental protection, meaning, need and protection measures • Environmental protection laws, National environment policy	12
UnitV	• Social movements and organizations and sustainable environment. • Conduct survey on environment pollution / sustainable development • Seminar on related topic.	12

Course Material/Learning Resources

References:

1. Asthana D. K. & Asthana M (2006) Environment problems and solutions, S. Chand & company Ltd. New Delhi.
2. Debi Prasad Tripathi (2011) Noise Pollution, APH Publishing Corporation
3. Frederick R. Anderson (1999) Environmental Protection: Law and policy, 3rd edition Aspen Publishers
4. Jefferson W. Tester et. al (2009) sustainable Energy, PHI learning Pvt. Ltd, New Delhi
5. Kim H. Tan (2000), Environmental Soil Science 2nd Edition, CRC press
6. Leo A. Meyer and Carol Markos (2009), The Green Energy Management, 1st edition, Lama Books
7. Murphy W. R (2003), Energy Management, Elsevier Books Pvt. Ltd.
8. Misra S.P. & Pandey S. N. (2010), Essential Environment Studies, 2ndednAnes Books Pvt. Ltd. New Delhi.
9. N. Manivasakam (2010) Environmental Pollution, National Book Trust India, New Delhi.
10. Nambiar, R. K. (2007), Text book of Environmental Studies, SCITECH Publication (India) Pvt. Ltd. Chennai

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester 1II

Code of the Course/Subject	Title of the Course/Subject	Total Number of	Periods
RM304B(DSE-2)	Travel Management	60	(4/W)

Course Outcomes -

After completion of course students will be able to-

- 1) Develop awareness about tourism and its scope in India.
- 2) Understand about various aspects of tourism
- 3) learn about various skills required for this trade.

Unit	Content	Periods
Unit I	Introduction · Meaning and nature of tourism. · Basic components of tourism.	12
Unit II	Growth and development Tourism:	12

	<ul style="list-style-type: none"> · Growth of travel through ages. · Factors influencing growth of tourism. · Basic travel motivations. 	
Unit III	Tourism Planning and Development. <ul style="list-style-type: none"> · Planning and Coordination in Planning. · Assessment of tourist demand and supply. · Financial and Human resource planning. · Monitoring progress. 	12
Unit IV	Tourism Marketing and Promotion. <ul style="list-style-type: none"> · Marketing tourism. · Tourist markets. · Advertising and sales support. · Publishing. 	12
Unit V	International and National Organizations in Tourism: IUOTO, WTO, PATA, ITDC, RTDC etc. Visit to different travel agencies.	12

Course Material/Learning Resources

References:

- 1) A.K.Bhatia (2021) : Tourism Development : Principles and Practices, 2nd Edition, Stealing Publishing Co., New Delhi.
- 2) Dr.S.P.Gupta and Lal (2022) : Tourism Museum and Monuments in India, Oriental Publisher, Delhi.-

Websites

- www.wikipedia.org.
- www.google.com
- www.khoj.com
- www.nutra.hub.com
- www.wiley.com
- www.inflibnet.ac.in
- www.pubmed.com

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester III

Code of the Course/Subject RM304C (DSE-2)	Title of the Course/Subject Residential Furnishing and House Keeping	Total Number of Periods 60 (4/W)
--	--	--

Course Outcomes -

After completion of course students will be able to-

- 1) Understand the factors influencing space design organization for optimum comfort and functionalism
- 2) Evaluate ergonomically residential interior space for various activities
- 3) Acquaint with the materials along with fittings and fixtures used in residential interiors

Unit	Content	Periods
Unit I	In depth understanding of residential interiors space design from design point of view Factors influencing space design	12
Unit II	Study of factors influencing furnishing of residential interior spaces Factors to be considered while designing	12

	- Orientation, Grouping of user's area, Circulation between and within user's area. Light and ventilation, Flexibility, Privacy. R Services. Aesthetics, Cost	
Unit III	Basics of furniture design and types of furniture design Current trends in interior design	12
Unit IV	Application of appropriate materials for various uses Study of various types of fixtures, their uses, selection and care - Use of timber for different purposes with their joints Types of floors - Various ways of operating shutters - Methods of paneling and cladding to walls - False ceiling – different types in various materials	12
Unit V	House Keeping Importance of housekeeping, cleaning and maintenance Types of furniture, their selection, care and cleaning Furniture arrangement in different rooms, utilizing principles and elements of arts	12

Course Material/Learning Resources

References:

- 1) Deshpande R.S. (1994) Modern Ideal Homes of India. United Book Corporation
- 2) Faulkner S. (2021) Planning a House, Holt
- 3) Agan T. The House and its Plan and Use
- 4) Ball Victoria Kloss. The Art of Interior Design. McMillan & Co. New York
- 5) Bhatt P.D. and Goenka S. (1999) Foundation of Arts and Design. Lakhani Book Depot, Bombay

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester III

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
RM305(DSE-17)(P)	Research Methodology and Statistical Application	30 (2/W)

Course Outcomes -

After completion of course students will be able to-

1. Logically and Critical understanding of the research areas in the subject.
2. Create the various forms of data presentation.

* List of Practical/Laboratory Experiments/Activities etc.

1	Collect and review the research paper on types of research on the topic related to your specialisation
2	Use sampling techniques for drawing probability and non-probability sample.

3	Prepare tools for collection of qualitative data.
4	Prepare tools for collection of qualitative data.
5	Practice statistical programs as MS Office or any other software for descriptive and inferential statistics
6	Prepare Diagrammatic and graphical presentation of data – One dimensional diagrams- Two dimensional diagrams, carto graphs, frequency graphs.
7	Use of Plagiarism check software

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester III

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
RM306(DSE-18)(P)	Resource Development Programme Design and Evaluation	60 (4/W)

Course Outcomes -

After completion of course students will be able to-

- 1) Understand the process of programme designing.
- 2) Develop ability in planning resource development programme.
- 3) Become aware of different areas and functions of government department

1	Design consumer awareness / skill development / capacity building programme.
2	Implement, evaluate, take follow up and prepare report of the programme
3	Visit ongoing programmes and prepare reports.
4	Resource Mapping

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester III

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
RM307AC (DSE-3)(P)	Front Office Operation and Accommodation	60 (4/W)

Course Outcomes -

After completion of course students will be able to-

- (1) Understand the organizational procedures of the front office.
- (2) Comprehend the principle of front office operation
- (3) Develop effective communication skills and the art of dealing with people

* List of Practical/Laboratory Experiments/Activities etc.

1	Handling of reception <ul style="list-style-type: none"> • Room keys • Telephone manners and conversation
2	Reservation <ul style="list-style-type: none"> · Accepting reservation with the use of <ul style="list-style-type: none"> • Conventional chart • Density chart
3	Handling complaints and unusual events
4	Receiving guests in various situations Confirmed booking with reservation <ul style="list-style-type: none"> · Group booking · VIP procedure
5	Handling changes of room procedure, wake up calls, guests requests

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester 1II

Code of the Course/Subject Title of the Course/Subject Total Number of Periods

RM307B(DSE-3)(P) House Keeping and Facility Management 60(4/W)

Course Outcomes -

After completion of course students will be able to-

- 1) Become aware of different areas and functions of housekeeping department
- 2) Acquire knowledge about procedure for maintenance of rooms
- 3) Comprehend the principle of cleaning and care of different materials

*** List of Practical/Laboratory Experiments/Activities etc.**

1	Cleaning and care of different materials <ul style="list-style-type: none"> · Metal, glass, wood · Floor, floor coverings, sinks · Fans, lampshades, decorative articles
2	Table setting and decoration <ul style="list-style-type: none"> · Formal, informal and buffet · Decoration – Flower arrangement for dining table, fruit display
3	Stain removal <ul style="list-style-type: none"> · Tea, coffee, ink, grease, fruit, lipstick, blood, rust, turmeric, oil paint
4	Market survey on furnishing fabrics, bed covers, upholstery covers, carpets, etc.

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester 1II

Code of the Course/Subject	Title of the Course/Subject	Total Number of	Periods
RM307C (DSE-3)(P)	Recent Household Technology	60	(4/W)

Course Outcomes -

After completion of course students will be able to-

- 1) Aware about concept of recent household technologies
- 2) Sensitize indigenous, existing technologies in areas of Home Science
- 3) Develop skill in preparing models of various sustainable technologies

*** List of Practical/Laboratory Experiments/Activities etc.**

1	Preparation of vermin-wash, vermiculture, vermicompost
2	Preparation of vermin-wash, vermiculture, vermicompost
3	Preparation of Hay box
4	Preparation of water conservation and purification models
5	Visit to centres and houses to study technologies
6	(Prepare reports on said technologies)

**M.Sc. Resource Management
Semester IV**

Part B

Syllabus Prescribed for Second Year PG Programme Programme:

Programme: M.Sc. Resource Management Semester IV

Code of the Course/Subject RM 401(DSC19)	Title of the Course/Subject Modern Trends in Interior Design and Decoration	(Total Number of Periods)
		60 (4/W)

Course Outcomes

After completion of the Course Students will be able to –

- Gain the basic knowledge of furnishing the residential space.
- Better understanding as regard the history of furniture, anthropometric data, various material and uses etc. for the interiors.
- Apply aesthetics and creative abilities in interiors.

Unit	Content	Periods
Unit I	<ul style="list-style-type: none"> • History of interior Design • Characteristics of an interior Designer • Interior designer role towards execution of project. • Responsibilities of designer with client. • Impact of interior design— -Physical, Psychological and Social wellbeing of thefamily 	12
Unit II	<p>Basic building materials-Stone, Cement, Iron, Timber, Sand, Bricks, Lime, Steel</p> <p>Interior Furnishing materials -:</p> <ul style="list-style-type: none"> • Walls-Painting, Panelling, Wallpaper, cladding, glass, polishing. • Floors-Stone, Marble, Tiles, Timber, glass, vinyl & linoleum, carpet. • Ceiling-Plaster of Paris (POP), False ceiling, Aluminium panels, Wood, Acoustic boards. • Construction Techniques for safety Damp proofing, Fire proofing, Termite proofing, Sound proofing. 	12
Unit III	<p>Furniture Design and furnishing</p> <ul style="list-style-type: none"> • Traditional, Contemporary and modern Indian furniture. • Basic materials used for furniture. • Anthropometric data, its application to furniture design. • Layout of furniture (Drawing room, Dining room, Master and children bedroom) • New trends in furniture design and style in 	12

	residential and commercial.	
Unit IV	Space saving Techniques <ul style="list-style-type: none"> • Concept and importance of space saving techniques in interior design. • Different space saving Techniques-: • Kitchen • Bedroom • Drawing room • Dining room • Multipurpose room • Multi-Functional Furniture 	12
Unit V	Effect of interior design and decoration on family well being with particular reference to Special needs - Functional and aesthetic considerations in use of elements and principles of design.	12

Course Material/Learning Resources

References:

1. Agan, T.: The Rouse - Its plan and use.
2. Ahmed Kasu: Interior Design.
3. Alexander, M.J. : Designing interior environment, Harcourt Brace Havonovich, 1972.
4. Ambedkar, V.N. and Modak, N.V. (1971): Town and country Planning and Housing Orient Longman.
5. Building Construction-S.C. Rangwala, charatar Publishing House Pvt. Ltd.
6. Chaira, J.D. and Callendar, J.H. (1980): Time saver standard for building types, McGraw Hill, New York.
7. Cherunilam F. and Heggade, O. D.: Housing in India, Himalaya Publishing Bombay (1987).
8. Chudley, R. (1985): Construction Technology, Vol. 1-5.
9. Deshpande, R.S. (1974): Modern ideal homes for India, United Book Corporation.
10. Dongarkery, K.S.: Interior decoration in India.
11. D. Chakraborti, Indian Anthropometric Dimensions for ergonomic design

Syllabus Prescribed for Second Year PG Programme**Programme: Resource Management Semester IV**

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
RM402	Household Equipment	60 (4/W)

Course Outcomes

After completion of course students will be able to-

- 1) Familiarize the students with household equipment, concept, principles, functions and applications
- 2) Enhance product testing quality
- 3) Students aware about the safety against household appliances

Unit	Content	Periods
Unit I	Basic Study of Electricity: · Power sources, voltage, resistance, current. · Series/parallel circuits. · AC/Dc sources. Electrical Materials:- Conductors ,Semi-conductor,Insulator	12
Unit II	Classification of Appliances: Class I, II and III appliances. Motorized, heating, electronic and low voltage appliances.	12
Unit III	Product Testing for Quality: Need for testing. Types of tests – safety test, environmental test, physical test, electrical endurance and performance test. Equipment's required for testing of electrical appliances. Institutions offering test facilities – BIS, IDEMI, RTC, ER RL, PTH, NTH, etc.	12
Unit IV	Safety against household appliances: Definition of safety and classification of safety- Inherent, technical safety, operational safety, actual safety. Electrical shock and its prevention: · Potential source of shock. · Causes of electrical shock. · Factors determining the severity of electric shock. · Protection against shocks.	12
Unit V	Laws and Regulations Governing Appliances: Household electrical appliance (Quality Control Order) 1981. The electrical wires, cables appliances and accessories (Quality Control) Order 1993. · Essential Commodities Act. · Consumer Protection Act. · Indian Electricity Act.	12

Course Material/Learning Resources**References :**

- 1)Allison, A : Running your Home and Equipments : Desings for living series No.6, Mills and Boon Ltd. London.
- 2) Beverodge E. : Choosing and using your Home Equipments, Iovva State University Press, Ames.
- 3) Anderson, E., Andels, P. : Home Appliances Servicing, Taraporewala

Sons, Co.Ltd. Bombay.

- 4) NCERT : Exemplar Instructional material for Pre Vocational Course under work experiences on repair and maintenance of household electrical appliances – Instructional cum practical manual, NCERT, New Delhi.
- 5) Varghese M.A. et al : Household Equipment Manual, SNDT Women’s University, Mumbai.
- 6.) Housing Reclaimed: Sustainable homes for next to nothing-Jessica Kellnur.
- 7). Inside Outside.
- 8.) N. D. Bhat: Engineering Drawing.
- 9). Pranav Bhatt: Foundation of art and design.
- 10). Green, W.S. and Jordan,P .W, Human Factors in Product Design, Taylor & Francis, 1999.

Syllabus Prescribed for Second Year PG Programme

Programme: M.Sc Resource Management

Semester 1V

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
RM403	Entrepreneurship Development (DSC21)	60 (4/W)

Course Outcomes:

After completion of course the students will be able to

- Promote entrepreneurial skills amongst students
- Analyse the environment related to small scale industry and business
- Understand the process and procedure of setting small enterprises and develop managerial skills for entrepreneurship development

Unit	Content	Periods
Unit I	Conceptual Framework <ul style="list-style-type: none"> • Concept, need and process in entrepreneurship Development • Types of enterprise – merits and demerits Role of enterprise in national and global economy	12
Unit II	The Entrepreneur <ul style="list-style-type: none"> • Entrepreneurial motivation – dynamics of motivation • Entrepreneurial competency – concepts Developing entrepreneurial competencies–requirements and understanding the process of entrepreneurship development,self awareness, interpersonal skills, creativity, assertiveness, achievement, factors affecting entrepreneur’s role	12
Unit III	Launching and Organising an Enterprise <ul style="list-style-type: none"> • Environment scanning – information, sources, schemes of assistance, problems • Enterprise selection, enterprise, feasibility study, SWOT analysis • Resource mobilization – finance, technology, raw material, site and man power • Market assessment, costing and quality control 	12

Unit IV	<p>Areas of Entrepreneurship</p> <ul style="list-style-type: none"> • Production and marketing of products • Consultancy areas • Services 	12
Unit V	<p>Agencies for Development of Entrepreneurship</p> <ul style="list-style-type: none"> • Government of India's policy towards promotion of entrepreneurship reservations and sanctions for small scale sector • Role of SSI, Procedures and formalities for setting up SSI <p>Role of banks and other agencies for development of entrepreneurship</p>	12

References:

- 1) Patel V.C. (1987) Women Entrepreneurship, Developing New Entrepreneurs, Ahmedabad, Ed. II
- 2) Akhaury M.M.P. (1990) Entrepreneurship for Women in India. NIES BUD, New Delhi
- 3) Deshpande M.V. (1984) Entrepreneurship for small scale industries, concept, growth and management. Deep and Deep Publication, D1/24, R-Garden, New Delhi (Unit I and II)
- 4) M.Gangadharrao – Entrepreneurship and Entrepreneur Development. Publishing House, Kanishka, New Delhi, 1992
- 5) Vasant Desai (1991) Entrepreneurship Development. Himalaya Publishing House, Vol. I, II and III
- 6) Samiuddei (1989) Entrepreneurship Development in India. Mittal Publication, New Delhi
- 7) B.K. Acharya & Gonekar P.B. Marketing and Sales Management, Himalaya Publishing House, Bombay
- 8) John Usha (1985) Indian Women in Business. Indian and Foreign Review 18(4)

Sant Gadge Baba Amravati University, Amravati

Syllabus Prescribed for Second Year PG Programme

Programme: M. Sc. Resource Management Semester 1V

Code of the Course/Subject	Title of the Course/Subject	No. of Periods/Week
RM 404(DSC22)P	Modern Trends in Interior Design and Decoration	60(4/W)

Course Outcomes-

Student will Be able to understand

- Aware the basic knowledge of furnishing the residential space.
- Gain better understanding as regard the history of furniture, anthropometric data, various material and uses etc. for the interiors.
- Apply aesthetics and creative abilities in interiors

*** List of Practical/Laboratory Experiments/Activities etc.**

1	Critical analysis of interiors of a selected residential and non-residential
2	Buildings and suggested improvements – Visits to building design institutes, hotels, furniture and furnishing show rooms and residential
3	Buildings to identify new trends – Market survey of surface materials
4	Finishes, fittings and fixtures – Detailed cost estimation of interior design and decoration elements.

Syllabus Prescribed for Second Year PG Programme

Programme: M. Sc. Resource Management Semester 1V

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
RM405	Household Equipment(DSC23)(P)	60 4/W

Course Outcomes

After completion of course student will be able to

1. Familiarize the students with household equipment, concept, principles, functions and applications
2. Enhance product testing quality
3. Students aware about the safety against household appliances

1	Testing of electric iron <ul style="list-style-type: none"> • Input test. • Insulation and leakage current test • Measurement of heating up time.
---	---

	<ul style="list-style-type: none"> · Measurement of temperature distribution. · Measurement of cyclic fluctuation. · Temperature of different fabric setting. · Earthing provision test.
2	Testing of Electric Toaster <ul style="list-style-type: none"> · Input test. · Insulation and leakage current test · High voltage test. · Temperature rise test. · Performance test.
3	Testing of Electric Oven <ul style="list-style-type: none"> · Input test. · Insulation and leakage current test · High voltage test. · Performance test.
4	Testing of Electric Food Mixers <ul style="list-style-type: none"> · Starting test. · Input test. · Insulation and leakage current test · High voltage test. · Performance test
5	Testing of Domestic Washing Machine <ul style="list-style-type: none"> · Starting test. · Input test. · Insulation and leakage current test · High voltage test. · Performance test

Syllabus Prescribed for Second Year PG Programme

Programme: M. Sc. Resource Management Semester 1V

Code of the Course / Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. Of Periods/Week)
RM406	Scientific Writing(DSC24)(P)	60 4/W

Course Outcomes

By the end of the Lab/Practical Course, generally students should be able to

1. Effectively use the library resources
2. Access OPAC and WEBOPAC
3. Retrieve information and evaluate the resources

***List of Practical/Laboratory Experiments/ Activities etc.**

1	Use of Library - Get acquainted with the- Type of Library (Traditional, modern, digital, virtual) Services provided by Libraries Various sources (Printed and electronic) Technical work (classification, cataloguing) Information retrieval (i.e. OPAC, WEBOPAC in library software, Library Portal, e-books etc
2	Use of Reference manager tool

3	Review, understand and critically evaluate Thesis Research project Abstract
----------	--

Syllabus Prescribed for Second Year PG Programme

Programme: M. Sc. Resource Management Semester 1V

CodeoftheCourse/Subject	Title of theCourse/Subject (Laboratory/Practical/practicum/ hands-on/Activity)	(No.ofPeriods/Week)
RM 407	Kitchen Gardening (SEC1)	30 (2/W)

Course Outcomes

The students will be able to:

- 1) Develop cultivation aspect of vegetables in different season
- 2) Aquent about growing plants and food security
- 3) planning the concept of terrace garden, kitchen garden and land scape

*List of Practical/Laboratory Experiments/Activitietetc.

1	Planning and lay-out of kitchen garden. Terrace garden
2	Preparation of different beds for vegetables, layout of garden
3	Identification and control of vegetable pest.
4	Identification and control of vegetable diseases.
5	Use of different pots for vegetable cultivation in the terrace garden.
6	Preparation of vermicompost, zero energy cool chamber
7	Visit different Kitchen Garden. Land Scape

Syllabus Prescribed for Second Year PG

Programme M. Sc. Resource Semester III

FS 408 (ACE 3)

Research Project Based on Trends and Issues in the subject

Research Project should consist following chapters:

- Introduction
- Review of literature
- Methodology/ Materials and methods
- Result and discussion
- Summary and conclusion
- Reference (APA style)
- Appendix

Instruction

- Research project report should be according to standard norms of scientific writing.
- Internal assessment will be on the seminar presentations
 - Before finalization of the topic
 - Mid review
 - Final presentation
- Plagiarism check report is mandatory with report

Sant Gadge Baba Amravati University, Amravati

Format and Template for Courses (Theory) of UG/PG Programmes