

M.Sc.(Home Science)
Semester-I Examination - Winter-2010,
Semester-II Examination - Summer-2011

Prospectus No. 2011194

संत गाडगे बाबा अमरावती विद्यापीठ
SANT GADGE BABA AMRAVATI UNIVERSITY

गृहविज्ञान विद्याशाखा
(FACULTY OF HOME SCIENCE)

PROSPECTUS
OF
M.Sc. (Home Science) (Resource Management)
Semester-I, Winter-2010
Semester-II, Summer-2011



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I N D E X

M.Sc. (Home Science) (Resource Management)

(Semester-I & II)

(Prospectus No.2011194)

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SANT GADGE BABA AMRAVATI UNIVERSITY

SPECIAL NOTE FOR INFORMATION OF THE STUDENTS

- (1) Notwithstanding anything to the contrary, it is notified for general information and guidance of all concerned that a person, who has passed the qualifying examination and is eligible for admission only to the corresponding next higher examination as an ex-student or an external candidate, shall be examined in accordance with the syllabus of such next higher examination in force at the time of such examination in such subjects, papers or combination of papers in which students from University Departments or Colleges are to be examined by the University.
- (2) Be it known to all the students desirous to take examination/s for which this prospectus has been prescribed should, if found necessary for any other information regarding examinations etc. refer the University Ordinance Booklet the various conditions/provisions pertaining to examinations as prescribed in the following Ordinances-

Ordinance No. 1	:	Enrolment of Students.
Ordinance No.2	:	Admission of Students
Ordinance No. 4	:	National Cadet Corps
Ordinance No. 6	:	Examination in General (relevant extracts)
Ordinance No. 18/2001	:	An Ordinance to provide grace marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting Distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute NO.18, Ordinance 2001.
Ordinance No.9	:	Conduct of Examinations (Relevant extracts)
Ordinance No.10	:	Providing for Exemptions and Compartments
Ordinance No. 19	:	Admission Candidates to Degrees
Ordinance No.109	:	Recording of a change of name of a University Student in the records of the University
Ordinance No.6 of 2008:	:	For improvement of Division/Grade.
Ordinance No.19/2001	:	An Ordinance for Central Assessment Programme, Scheme of Evaluation and Moderation of answerbooks and preparation of results of the examinations, conducted by the University, Ordinance 2001.

Dineshkumar Joshi
Registrar
Sant Gadge Baba Amravati University

PATTERN OF QUESTION PAPER ON THE UNIT SYSTEM

The pattern of question paper as per unit system will be broadly based on the following pattern.

- (1) Syllabus has been divided into units equal to the number of question to be answered in the paper. On each unit there will be a question either a long answer type or a short answer type.
- (2) Number of question will be in accordance with the unit prescribed in the syllabi for each paper i.e. there will be one question on each unit.
- (3) For every question long answer type or short answer type there will be an alternative choice from the same unit. However, there will be no internal choice in a question.
- (4) Division of marks between long answer and short answer type question will be in the ratio of 40 and 60.
- (5) Each short answer type question shall Contain 4 to 8 short sub question with no internal choice.

**Syllabus Prescribed for M.Sc. (Home Science) (Resource Management)
Semester-I**

**Subject code 111HR47
Human Resource Management**

Theory : 4 periods/wk / (Credits 4)

Theory Mks. : 60

Th. Int. Mks. : 40

Total Mks. : 100

Learning Objectives :- After completion of the course students will be able to-

- became aware about of human being as resource potential in attaining goals of family life and as an important national resources.
- acquire ability to use human resources.
- develop ability to improve human resources.

Theory

Unit-I : Human Resource Management.

- Nature of HRM
- Scope of HRM
- Functions and objectives

Unit-II : Human Resource Planning :

- Nature, importance and factors affecting human resource planning.
- The planning process.

Unit-III: Analysing work, designing job and recruitment of human resources :

- Job analysis, job design, recruitment and selection of human resources.
- Human resource training and development of performance appraisal and potential evaluation.

Unit-IV : Human resource training and development of performance appraisal and potential evaluation.

Unit-V : Methods and Techniques for improving human resource use :

- Questioning approach.
- Development of labour saving devices.
- Improvement of working conditions.
- Changing of attitudes.

References :-

- (1) Aswathappa K. (1997), Human Resource and Personal Management, Tata Mc Graw Hill, Delhi.
- (2) Monappa, A. and Saiyadain M. (1966), Personal Management, Tata Mc Graw Hill, New Delhi.
- (3) De Cenzo, D.A. and Robbins S.P., Human Resource Management, New York, John Wiley, 1994.
- (4) Hollowey J. (1995), Performance Measurement and Evaluation, New Delhi.

**Subject code 111PM48
Principles of Management**

Theory : 4 periods/wk/(Credits 4)

Theory Mks. : 60

Practical : 4 periods/wk/(Credits 2)

Th. Int. Mks. : 40

Practical Mks:35

Pra.Int.Ass. : 15

Total Mks. : 150

Learning Objectives :- After completion of the course students will be able to-

- know the component, human and scientific aspects of management functions.
- know the importance of decisions in management.
- gain managerial skills.

Theory

Unit-1 : Management as a System :

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

Unit-2 : Management Functions and Processes :

- Planning – objectives, principles, policies strategies.
- Organising – Purpose, principles, processes delegation, authority, responsibility and accountability.

- Unit-3** :
- Staffing, purpose, principle, recruitment, appraisal.
 - Guiding, directing, leadership, motivation, communication.

Unit-4 : Decision Making :

- Meaning
- Types of decisions
- Modes of decision making.
- Techniques and tools for decision making : decision need.
- Cost benefit analysis.

Unit-5 : Role of Residence advisor / supervision :

- Ability to manage independently – resource allocation and management.
- Duties of good supervisor.
- Monitor the use of financial resources and establish norms for expenses for various categories of expenditure.
- Acquire the skill for counselling, negotiating and guiding students.

Practical :

- (1) Stay at residence house for at least one week.
- (2) Management of an event : Individual and group activity.

References :

- 1] Kapur S.K. (1996) : Professional Management, S.K.Publishers, New Delhi.
- 2] Deacon, R.E. and Fire Baugh, F.M. (1975) : Home Management Context and Concept, Houghton, Mifflin, Boston.
- 3] Deacon, R.E. and Fire Baugh, F.M. (1981) : Resource Management Principles and Applications, Allyn and Bacon and Bacon, Boston.
- 4] Sherman, A.W. et.al. (1988) : Managing Human Resources, South-Western Publication Co., Cincinnati.
- 5] Dwivedi, R.S. (1981) : Dynamics of Human Behaviour of Work, Oxford and 9BH, New Delhi.
- 6] Saiyadain, M.S. (1968) : Human Resource Management, Tata McGraw Hill, New Delhi.
- 7] Dayal, R. (1996) : Dynamics of Human Resource Development, Mittal Publications, New Delhi.

Subject code 113HB49
Human Behaviour in Resource Management

Theory : 2 periods/wk (Credits 2)
Practical : 2 periods/wk (Credits 1)

Theory Mks. : 35
Th. Int. Mks. : 15
Pra.Int.Ass. : 25
Total Mks. 75

Learning Objectives :- After completion of the course students will be able to-

- understand importance of human behaviour in resource management.
- develop skill of designing, testing attitude, motivation and emotional intelligence.
- sensitize effect of stress on resource management.

Theory

Unit-1 : 1.1 Human Behaviour :

- Meaning
- Scope and importance.

1.2 Perception :

- Meaning
- Perception.

Unit-2 : **Human Behaviour :**

2.1 Attitudes :

- Concept of attitudes.
- Formation of attitudes.
- Types of attitudes
- Measurement of attitudes
- Attitude change.

2.2 Motivation :

- Meaning
- Nature characteristics
- Motivation cycle / process.
- Need for motivation.

Unit-3 : 3.1 Values :

- Concept of values.
- Types of values.
- Formation of values.
- Values and Behaviour.
- How to develop values?

3.2 Learning :

- Meaning, definition, determinants
- Learning and behaviour.

Unit-4 : 4.1 Emotions and moods :

- Emotions and moods.
- Types of emotions.
- Theories and role of emotion in regular human behaviour.

4.2 Group Behaviour :

- Definition and characteristics of group.
- Group behaviour.
- Group decision making.

Unit-5 : 5.1 Stress Management :

- Meaning.
- Effect of stress.
- Kinds of stress.
- Sources of stress.
- Signs of stress.
- Management of stress.

Practical :-

- (1) Study and develop attitude scales.
- (2) Study motivation and values scales.
- (3) Testing of emotional quotient by standardized scale.
- (4) Case Study – Behaviour identified with stress and assessing the existence of stress.

References :-

- (1) Khanka, S.S. (2007); Organisation.
- (2) O.S. Kamp, Stuart (1987), Attitudes and Opinions, Prentice Hall.
- (3) Davis D and T. Ostrom (1987), Attitude Measurement in concise Encyclopaedia of Psychology, John Wiley and Sons, New York.

Subject code 115PD50
Resource Development Programme Design and Evaluation

Theory : 2 periods/wk (Credits 2)
Practical : 4 periods/wk (Credits 2)

Theory Mks. : 35
Th. Int. Mks. : 15
Pra.Int.Ass. : 50
Total Mks. 100

Learning Objectives :- After completing this course students will be able to-

- understand the process of programme designing.
- develop ability in planning resource development programme.

Theory

Unit-1 : Programme Planning and Implementation

- 1.1 Programme Planning – Meaning and importance.
 - Pre-requisites for developing plan (short term and long term)
 - Programme planning process.
- 1.2 Implementation.
 - Aspects of execution
 - Factors responsible for the successful conduct of programme.

Unit-2 : Evaluation, Followup and Documentation :

- 2.1 Evaluation – Meaning and purpose of evaluation.
 - Types and tools of evaluation.
- 2.2 Follow up – Need for follow up.
 - Methods of follow up.
- 2.3 Documentation – Need for reporting and recording.
 - Aspects to be covered.

Unit-3 : Resource Development Programme Design :

- 3.1 Design objectives and target group.
 - Resource Mapping.
 - Administrative structure
 - Implementation process.
 - Monitoring and Evaluation of designed programme.

Unit-4 : Study the Programme Design and evaluation aspects of on going resource development programmes of GO's and NGO's.

Unit-5 : Management Information System (MIS).

Practical :-

- (1) Design consumer awareness / skill development / capacity building programme.
- (2) Implement, evaluate, take follow up and prepare report of the programme.
- (3) Visit on going programmes and prepare reports.

References :

- 1) Singh, R. (1987), Textbook of Extension Education. Sahitya Kala Prakashan, Ludhiana.
- 2) Sandhu, A.S. (1994), Extension Programme Planning. Oxford & IBH Publishing Co., New Delhi .
- 3) Ray, G.L. (1999), Extension Communication and Management. Naya Prakashan; Calcutta.
- 4) Reddy, A. (1999), Extension Education, Sree Lakshmi Press, Bapatla.

**Subject code 111CA51
Computer Application in Resource Statistics**

Practical : 4 periods/wk (Credits 2)

Practical Mks. : 35

Pra.Int.Ass. : 15

Total Mks. 50

Learning Objectives :- After completing this course students will be able to-

- understand use of MS Excel in analysis of resource management.
- develop skill of drafting text, tables, figures etc.

Practical :-

- (1) Computer Basics
 - 1.1 Computer Hardware and Software
 - 1.2 Input and Output devices.
 - 1.3 Basic Operations in Data Handling (copy, paste, prepare folder/file, burn CD etc.)
- (2) MS Word
 - 2.1 Introduction to MS Word
 - 2.2 Use in drafting letters and reports.
 - 2.3 Drafting tables.
- (3) MS Excel
 - 3.1 Introduction to MS Excel.
 - 3.2 Use for analysis of data in Resource Management.
 - Descriptive Statistics – Mean, standard deviation.
 - Corelation – Pearson's correlation between two and more variables.
 - Non-parametric Test – Chi-test.
 - 3.3 Graphical Presentation
 - Graphs and Bar Diagrams.
 - 3.4 Introduction to applicable statistical analysis softwares.

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.

**Syllabus Prescribed for M.Sc. Home Science (Resource Management)
Semester – II**

**Subject Code : 121RF52
Residential Furnishing and House Keeping**

Theory : 3 Periods/Wk (3 Credits)

Theory Paper : 45

Practical : 2 Periods/Wk (1 Credit)

Theory Internal : 30

Practical : 20

Practical Internal : 05

Total Marks : 100

Objectives :

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

Theory

Unit 1 : In depth understanding of residential interiors space design from design point of view.

Unit 2 :

- 2.1 Study of factors influencing furnishing of residential interior spaces
- 2.2 Factors to be considered while designing
 - Orientation
 - Grouping of user's area
 - Circulation between and within user's area
 - Light and ventilation

- Flexibility
- Privacy
- Roominess (Spaciousness)
- Services
- Aesthetics
- Cost

Unit 3 : 3.1 Basics of furniture design and types of furniture design
3.2 Current trends in interior design

Unit 4 : 4.1 Application of appropriate materials for various uses
4.2 Study of various types of fixtures, their uses, selection and care

- Use of timber for different purposes with their joints
- Types of floor
- Various ways of operating shutters
- Methods of paneling and cladding to walls
- False ceiling – different types in various materials

Unit 5 : **House Keeping**

5.1 Importance of house keeping, cleaning and maintainance
5.2 Types of furniture, their selection, care and cleaning
5.3 Furniture arrangement in different rooms, utilizing principles and elements of arts
5.4 Furnishing accessories

- Functional and decorative
- Use and care

5.5 Window treatment

- Types of windows
- Curtains, blinds
- Accessories

Practicals

- 1) Drawing sketches – two dimensional and three dimensional
- 2) Layout of various furniture units
- 3) Display of window treatments
- 4) Display of colour schemes in drawing room, bed room, study room, dinning room, kitchen, bathroom, water closet
- 5) Application of computer aided interior design for colour scheme, furniture arrangement, curtains, accessories

References

- 1) Deshpande R.S. (1974) Modern Ideal Homes of India. United Book Corporation
- 2) Faulkner S. (1979) 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

Subject code : 121HT53 **Household Technology**

Theory : 3 Periods/Wk (3 Credits)
Practical : 4 Periods/Wk (2 Credits)

Theory Paper : 45
Theory Internal : 30
Practical : 35
Practical Internal : 15
Total Marks : 125

Objectives : After completion of course students will be able to

- sensitize indigenous, existing technologies in areas of Home Science
- develop skill in preparing models of various sustainable technologies

Theory

Unit 1 : **Concept of Household Technology**

1.1 Need and importance for empowerment and sustainable development
1.2 Indigenous household technologies in various discipline of Home Science

Unit 2 : **Energy Saving Technology**
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

Unit 3 : **Water Conservation Technology**

3.1 Rain water harvesting technology
3.2 Water recycling and recharging technologies
3.3 Water purification technologies

- Unit 4 : Waste Management Technology**
4.1 Technologies for degradable waste – Vermicomposting, organic composting etc.
4.2 Technologies for non-degradable waste, Principles of non degradable waste management

- Unit 5 : Existing Technologies in following areas**
5.1 Resources Management
5.2 Food and Nutrition
5.3 Textiles and Clothing
5.4 Human Development
5.5 Communication and Extension

Practicals

- 1) Preparation of vermin-wash, vermiculture, vermicompost.
- 2) Construction of chulha, Zero Energy Cool Chamber, Soak pit
- 3) Preparation of Hay box
- 4) Preparation of water conservation and purification models
- 5) Visit to centres and houses to study technologies
(Prepare reports on said technologies)

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

Subject Code : 121AR54
Communication Approaches in Resource Management

Theory : 3 Periods/Wk (3 Credits)
Practical : 4 Periods/Wk (2 Credits)

Theory Paper : 45
Theory Internal : 30
Practical Internal : 50
Total Marks : 125

Objectives : After completion of course students will be enable to

- understand application of communication approaches in communicating the messages in resource development to different target group.
- develop skill of preparation of tools of communication.

Theory

- Unit 1 : Approaches of Communication in Extension**
1.1 Traditional Approach – Folk media
1.2 Modern Approach – Participatory, Analytical, Dialogue, Persuasive and Educational games.
1.3 Modified Approach – Combination of traditional and modern approaches for resource development
- Unit 2 : Methods of Communication**
2.1 Individual communication
2.2 Group communication
2.3 Mass communication
2.4 Planning and preparation of communication
- Unit 3 : Projected tools of communication**
3.1 Transparencies for OHP
3.2 Soft copies of presentation for computer and computer aided (DLP) projectors
3.3 Preparation and presentation of projected tools
- Unit 4 : Non projected tools of communication**
4.1 Models – Working and still
4.2 Print media – Leaflets, folders, poster, charts, flash cards, news letter, circular letter, bulletin
4.3 Preparation and presentation of non projected tools
- Unit 5 :**
5.1 Themes and messages – concept
Themes and messages for resource development
5.2 Strategies in resource development
- Individual
- Community
- Presentation of the operation of strategies

Practicals

- 1) Study existing communication tools of resource development
- 2) Identify themes in resource development and prepare, present and evaluate following projected and non projected tools. (Any two from projected and two from non projected)
Posters, Banners, Slogans, Charts, Flash cards, Folders, Leaflets, Educational games, Transparencies, CD, Script for radio and TV.

References

- 1) Maan, Gurmeet Singh (1987) The Story of Mass Communication : An Indian Perspective. New Delhi, Harnam Publishers.
- 2) Tiwari I.P. (1987) Communication Technology and Development. New Delhi, Ministry of Information and Broadcasting.
- 3) Sharma S.C. (1987) Media Communication and Development. Jaipur, Rawat Publishers.
- 4) Gamble M.W. and Gamble T.K. (1989) Introducing Mass Communication. IInd Ed. New York, McGraw Hill Book.
- 5) Day P.R. (1977) Methods of Learning Communication Skills. Oxford, Peragamon.
- 6) Hartman, Paul and others (1986) The Mass Media and the Village Life : An Indian Study. New Delhi, Sage Publication.
- 7) Melkote S.R. (1991) Communication for Development in Third World : Theory and Practice. New Delhi, Sage.
- 8) Bhatnagar S. and Satyapal A. (eds.) (1988) education and Communication Technology : Perspective, Planning and Implementation. New Delhi.
- 9) Scott B. (1986) The Skills of Communication. Aldershot Gower Press.
- 10) Joshi P.C. (1989) Culture Communication and Social Change. New Delhi, Vikas Publications.
- 11) Mahajan K. (1990) Communication and Society. New Delhi, Classical Publications.

Subject code : 121ED55 Entrepreneurship Development

Theory : 3 Periods/Wk (3 Credits)
Practical : 2 Periods/Wk (1 Credit)

Theory Paper : 45
Theory Internal : 30
Practical Marks : 20
Practical Internal : 05
Total Marks : 100

Objectives :

- To promote entrepreneurial skills amongst students
- To analyse the environment related to small scale industry and business
- To understand the process and procedure of setting small enterprises
- To develop managerial skills for entrepreneurship development

Theory

Unit 1 : Entrepreneurship

- 1.1 Definition, concept and characteristics.
- 1.2 Entrepreneurship development in India.
- 1.3 Role of enterprise in national and global economy.
- 1.4 Government policies and schemes for enterprise development.
- 1.5 Development of women entrepreneurs in India and problems faced by women entrepreneurs.

Unit 2 : Agencies for Development of Entrepreneurship

- 2.1 Role of SSI, Procedure and formalities for setting up SSI.
- 2.2 Role of MIDC in Industrial development
- 2.3 Role of NSIC – supply of machinery and equipments on hire purchase, or voluntary organization, Bank loan

Unit 3 : Personal Effectiveness

- 3.1 Factors affecting entrepreneurs role
- 3.2 Effective communication skills, achievements. Motivation, goal orientation, psychological barriers to self employment, creativity, assertiveness and quick response.

Unit 4 : Launching and organizing enterprise

- 4.1 Environment scanning – Information, sources, schemes of assistance, problems. Enterprise selection, market assessment, enterprise feasibility study, SWOT analysis.
- 4.2 Resource mobilization – Finance, Technology, raw materials, sight and man power. Costing and marketing management and quality control. Feedback, monitoring and evaluation.

Unit 5 :

- 5.1 Planning resource mobilization and implementation. Preparing project proposal to start a new enterprise and feasibility report.

Practicals

- 1) Enlist entrepreneurial opportunities in Resource Management.
- 2) Select any one enterprise, do SWOT analysis and suggest strategies for action.
- 3) Visit to funding agencies offices for understanding the formalities required for registration and licence entrepreneurs.
- 4) Prepare and use the business game for development of entrepreneurial qualities.

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, D-1/24, 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)

Subject code : 121RM56
Research Methods in Resource Management

Theory : 3 Periods/Wk (3 Credits)
Practical : 2 Periods/Wk (2 Credits)

Theory Paper : 45
Theory Internal : 30
Practical Internal : 25
Total Marks : 100

Objectives : After completion of course students will be able to

- know importance of research in resource management
- understand the types, tools applicable to research problem
- develop skills of preparing out line of research work

Theory

- Unit 1 :** **Foundation of Scientific Research**
- 1.1 Research – meaning and definition
 - 1.2 Need of research in resource management
 - 1.3 Research process
 - Selection and formulation of research problem
 - Specifying objectives
 - Formulating hypothesis
 - Deciding variables
- Unit 2 :** **Design Strategies in Research**
- 2.1 Descriptive studies
 - Correlation studies
 - Case studies
 - Cross sectional/Survey
 - 2.2 Analytical studies
 - Observational studies
 - Cohort studies
 - Cross sectional studies/Survey
- Unit 3 :** **Methods of Sampling**
- 3.1 Characteristics of good sampling
 - 3.2 Probability or random sampling
 - 3.3 Non probability sampling
- Unit 4 :** **Research Tools**
- 4.1 Levels of data measurements and characteristics of good measurement
 - 4.2 Types of tools and their uses
 - Questionnaire
 - Schedule
 - Rating scale
 - Attitude scale
 - Interview – structured and unstructured
 - Observation – participant and non participant
 - 4.3 Concept of data
 - Types of Data – Qualitative and Quantitative data
 - Analysis of Data – Qualitative and Quantitative data analysis
- Unit 5 :** **Statistical Testing of Hypothesis**
- 5.1 Application of parametric tests
 - r test
 - t tests
 - Z test
 - F test
 - ANOVA
 - 5.2 Application of non parametric tests
 - Chi square test
 - Spearman’s Rank correlation

Practicals

- 1) List research areas in resource management
- 2) Prepare synopsis/outline of dissertation work
 - Select problem for dissertation from literature/research, experiences of guide & teachers, and experiment/pilot study.
 - Find out key words, their meaning and definitions from dictionary and encyclopedias.
 - Design conceptual model of the study.
 - Collect review on selected variables from national and international journals and prepare note cards and reference cards (follow the rules of scientific writing)
 - Decide and prepare tools of measurement of variables
 - Specify objectives
 - Frame hypothesis
 - Select locale of the study
 - Decide sample size and sampling techniques
 - Decide applicable statistical tests
- 3) Conduct pilot study for calculating validity, reliability and usability of the tools.
- 4) Prepare master table for analysis
- 5) Prepare time schedule and note down facilities required for dissertation work.

References

- 1) Van Maanen (1983) Qualitative Methodology. Sage Publication
- 2) Sumati Mulay and Sabarathanam V.E. (1980) Research Methods in Extension Education. New Delhi, Sole Selling Agents, MANASHYAN, 32.
- 3) Bryman A. and Cramer D. (1994) Quantitative Data Analysis for Social Scientist
- 4) Aravindra Chandra and Saxena T.P. Style Manual for Writing : Thesis, Dissertations and Papers in Social Sciences. New Delhi, Metropolitan Book Co. Pvt. Ltd.
- 5) Kerlinger, Foundation of Educational Research
- 6) Ingle P.O. Scientific Report Writing. Nagpur, Sarla P. Ingle.

(Note : The syllabi for General Interest Course shall be as per Science faculty.)
