

Sant Gadge Baba Amravati University, Amravati
Format and Template for Courses (Theory) of UG/PG Programmes

Sant Gadge Baba Amravati University, Amravati
Part B Syllabus Prescribed for Two Year PG Programme Semester III

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

**CE 301 Research Methodology and
Statistical Applications 60**

Course Outcomes: After successful completion of the course the student would be able to

1. Acquaint with the research and its types
2. Use the techniques of methodology concerning research and
3. Apply statistical procedure to analyze data and draw inferences

| Unit | Content | Periods |
|-------------|--|----------------|
| Unit I | Introduction to Research Research – meaning and definition, Importance of research in the developmental context Research process | 10 |
| Unit II | Research Design and Sampling 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 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 |
| Unit IV | Descriptive and Inferential Analysis of Data 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 Basic components of a research report- preliminaries, Introduction , Review of Related Literature, Methodology, Results, Discussion, Conclusion, Summary, Bibliography and Appendices | 12 |

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1. Devadas.R., 2000.A Handbook on methodology of Research, Sri RamakrishnaVidyalaya, 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 andEducation, Sterling Publishers Pvt.ltd.
4. Kothari.G.R., 2004 Research Methodology, Methods and Techniques, Wiley EasternLimited, New Delhi,
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6. Kulbir Singh. S., 2006 Methodology of Research in Education Sterling PublishersPvt. Ltd., New Delhi.
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| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|----------------------------|--|---------------------------|
| CE 302 | Science and Technology for Rural Development | 60 |

Course Outcomes: After successful completion of the course students would be able to

1. Acquaint with appropriate and affordable technology for rural living
2. Identify the technologies related to water, sanitation, health and energy appropriate to rural development
3. Develop appropriate technologies for the target group

| Unit | Content | Periods |
|----------|--|---------|
| Unit I | Rural Technology Meaning and classification of rural technology appropriate, affordable, frontier, intermediate technologies. Need for science and technology in empowering rural population | 12 |
| Unit II | Waste Management Classification of waste, Solid waste – classification and the need for good waste management, 3 R’s in waste management – Reduce, Recycle, Reuse Role of voluntary agencies in solid waste management. Solid waste – classification and the need for good waste management. Different methods of solid waste disposal – dumping, composting, incineration. | 12 |
| Unit III | Rural Housing - meaning, methods and innovations in the technologies adopted for promoting rural housing. Case studies on rural housing at Rural Technology Park, Biomass – meaning of biomass, biogas. Scope of biogas fuels; principles of biogas advantages and disadvantages of biogas. | 12 |
| Unit IV | Renewable Energy Sources Use of solar energy – Scope and advantage of the use of solar energy – Wind energy, hydropower, tidal energy, wave energy. Improved chulahs – Characteristics, types of chulah and advantages. Energy crisis – meaning, need for combating energy crisis, measures at micro – level. | 12 |

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| Unit V | DST, Indian Renewable Energy Development Agency (IREDA) | 12 |
| Agencies involved in promoting Science and Technology for Rural Development | Ministry of New and Renewable Energy, Solar Energy Corporation of India (SECI), Agencies involved in the transfer of appropriate technologies to rural areas – KVK, CSV, AARTI | |

References:

1. Raiky and Singh, Energy consumption in India, Deep and Deep Publications.
2. Chauvan D. S. and Srivastava S. K., (2014), Non –conventional Energy Resources, New Age International
3. Swaminathan, M., Advanced Textbook on Food and Nutrition, The Bangalore Printing and Publishing Co. Ltd., 2nd Edition, 1985.
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7. Centre of Science for Village, Wardha – Science and Technology for Women (A Compendium of Technologies), Department of Science and Technology, New Delhi.
8. Siddappa, L. S. and Tandon, G. M. Preservation of Fruits and Vegetables, ICAR, New Delhi.
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Code of the Course/Subject Title of the Course/Subject (Total Number of Periods)

**CE 303A Establishment and
Management of Non
Government Organisation 60**

Course Outcomes: After successful completion of the course the students would be

1. Comprehend the process for establishment of NGO
2. Familiar with the working of NGO
3. Apply knowledge for NGO management System

| Unit | Content | Periods |
|----------|---|-----------|
| Unit I | Introduction Meaning of NGO and GO, Difference between Government Organizations and NGO, Characteristics of good NGO, Structure of NGO, Functions of NGO Contribution of NGO in the Development | 10 |
| Unit II | Establishment of NGO Requirement for registration and management. Rules and regulations for governing a trust and society. Maintenance of accounts and audit Executive committee and Governing committee powers and duties., Selection of Personnel, Training of Personnel | 12 |
| Unit III | NGO Management Organizational types and structures, Managing people and teams in NGOs, NGO management competencies, Applying NGO principles and values, Accountability and impact assessment for NGOs | 12 |
| Unit IV | Working of NGO Proposal writing under NGO, Identifying Funding agencies, Resource Mobilization, Planning, Implementation and Evaluation strategy under NGO, Documentation, Progress Report in NGO | 12 |
| Unit V | Policies and programmes Government programmes with NGO partnership FCR Act, | 14 |

| | | |
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| | New regulation for NGO and government control. NGOs Networking Problems of NGO Training, Recruitment, Funding, Resource Mobilization, Documentation | |
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References

1. S. Chandra, (2003), Guidelines for NGO Management in India
2. Published by Kanishka Distributors, New Delhi
3. D. Lewis, (2001), Management of Non Governmental Development Organization Second Edition, Published by Routledge, New york.
4. Abraham, (2003), Formation and Management of NGOs Third
5. Edition, Published by Universal Law Publishing Co. Pvt Ltd., NewDelhi.
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10. Ravi Shankar Kumar Singh (2003):Role of NGOs in Developing Countries (Potentials, Constraints and Policies), Deep & Deep Publications (P) Ltd., New Delhi.

| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|----------------------------|-----------------------------|---------------------------|
| CE 303 B | Writing for Development | 60 |

Course Outcomes: After successful completion of the course the student would be able to

1. To help students understand the basics of writing
2. To train students for writing newsletters and in- house journals.
3. To develop students' understanding regarding writing for Development issues, programs

| Unit | Content | Periods |
|----------|---|---------|
| Unit I | Development meaning, concept and definition Development communication Need and importance for writing on aspects of development | 12 |
| Unit II | Basics of Writing Principles and techniques of writing Various models of message design Steps in planning communication strategies | 12 |
| Unit III | Media Meaning and classification. Advantages and limitations. Role of media in Home Science Extension | 12 |
| Unit IV | Writing for Print Media Purpose and importance. Style of writing for various print media as newspapers leaflets, folders, booklets, magazine | 12 |
| Unit V | Writing for Non Print Media Purpose and importance. Writing script for radio. Writing script for TV and Video | 12 |

References

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9. Zettl H: Sight,(1999) Sound, Motion, Applied media ashthetics, Wadsworth, CA.
10. Zettl, Herbert: (2003) Television production handbook. 8th ed. Belmont: Thomxon Wadswor

Course Outcomes: After successful completion of the course the student would be able to

| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|----------------------------|--|---------------------------|
| CE 303 C | Programme Planning and Evaluation | 60 |

1. Recognize the principles and procedure in program planning
2. Develop skills in program implementation
3. Gain skills in monitoring and evaluation of development projects

| Unit | Content | Periods |
|----------|--|-----------|
| Unit I | Programme Planning Meaning of programme planning, Definition, need for programme planning, Principles of programme planning, Programme planning models. | 12 |
| Unit II | Programme Development Steps in Programme planning, Identification of needs, Types of needs-felt and unfelt needs. Definition of objectives, Need for setting objective, Methods of setting objectives. | 12 |
| Unit III | Programme Implementation Factors to be considered in planning a programme, Component of a plan of work, Calender of work, Steps in preparing a plan of work, Selection and use of methods and audio visual aids programme implementation. | 12 |
| Unit IV | Monitoring Meaning, definition of monitoring process, Monitoring indicators, Need for establishing impact assessment, Steps in Impact assessment. Participatory monitoring concurrent, past factor evaluation | 12 |
| Unit V | Evaluation Meaning and Types of evaluation - Internal, External, Self. Process, Outcome and Impact evaluation. Measuring costs – Evaluating benefits. Evaluation Frame work Feedback: Meaning and definition, Characteristics, function and types of feedback. Impact assessment: nature and support of impact assessment | 12 |

References

1. Prasanna Chandra, Project Planning, Appraisal, Budgeting and Implementation, Tata McGraw Hill Publishing Company Limited, New Delhi, 1980
2. Shrutika Kasor, Project Management, Sumit Enterprises, New Delhi, 2003
3. Partha Dasgupta, Amartya Sen and Stephen Marglin, Guidelines for Project Evaluation, Oxford & IBH Publishing Co., New Delhi, 1972.
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| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|----------------------------|--|---------------------------|
| CE 304 A | Management of Human Service Organization | 60 |

Course Outcomes: After successful completion of the course the student would be able to

1. Identify of human service organizations
2. Apply the principles of management of human service organizations
3. Assessment of human service organizations

| Unit | Content | Periods |
|----------|---|---------|
| Unit I | Service Organizations Concept ·Need and nature of service organizations in India ·Philosophy and significance in developing nation | 10 |
| Unit II | Management of Human Service Organizations Types and Nature of service organizations Planning, implementation, administration, monitoring and evaluation of organizational activities, Challenging and managing human service organizations | 10 |
| Unit III | Organizational Structures of Human Service Organizations Concept and importance, functions of management, approaches to management Planning, implementation, personal management, financial management, administration and maintaining of organizational activities ·Managerial skills | 10 |
| Unit IV | Government and Non Government Organizations Organizations working for service of various group with special needs: Physically and mentally handicapped, aged, orphans, street children etc. like National Association for Blind, Spastic Society, Help-age India, SOS villages, Dignity Foundation etc. Government and Non Government Organizations working for the services | 14 |

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

| | | |
|--------|--|-----------|
| | of -women like national commission for women SEWA, Central social Welfare Board, Bhartiya Gramin Mahila Sangh etc. -Children-Indian Council of Children Welfare, Integrated Child Development Services. -Youth-Nehru Yuva Kendra, YMCA, YWCA, YUVA etc. | |
| Unit V | Assessment of Human Service Organizations Indicators of Assessment. -Assessment of personal accountability. Communication & Documentation - Communication within organization. Record keeping - Communication outside organization - Proposal writing for grants - Reporting & Documentation | 14 |

References

1. Blake John and Lawrence Peter : The ABC of Management : A Handbook of Management terms and concepts. All India Travellers Book Seller, New Delhi.
2. Devi Rameshwari and Ravi Prakash : Social Work and Social Welfare Administration, Vol.-I & II, Mangal Deep Publications, Jaipur.
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Code of the Course/Subject Title of the Course/Subject (Total Number of Periods)

CE 304 B**Media Research and Evaluation****60****Course Outcomes:** After successful completion of the course the student will be able to

1. Identify need and scope of media research
2. Acquaint with the role of media in influencing people's lives
3. Apply the different types of communication research for small and large group and mass media

| Unit | Content | Periods |
|----------|--|---------|
| Unit I | Media Research Need, rationale, scope and approaches ·Functions of media process of communication, message design for different types of media – small and large group and mass media | 10 |
| Unit II | Communication Research Types of Communication research ·Need and application of each type of research ·Need assessment research ·Program design research ·Evaluation research ·Impact research | 14 |
| Unit III | Tools, Techniques and Methodologies in Media Research Tools, techniques, methodologies – Direct, indirect, participatory ·Case studies, content analysis, surveys e | 14 |
| Unit IV | Evaluations · Indices to evaluation of media, Ethics in media research | 10 |
| Unit V | Implication of Media Research Policies and programme implications of media research Global, national and regional scenario · Role of media advocacy | 10 |

References

1. Agrawal C., Binod and Rai Kumkum : women, Technician and Rural Development, National Publishing House, New Delhi.
2. Bhat S.C : Satellite invasion of India, IEMC, Delhi
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5. Wilbur, sehramm : Mass Media and national development; Stand ford university Press, California
6. Skomia H.J : Television and society on Inquest and agenda for improvement, McGraw hill

| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|----------------------------|-----------------------------|---------------------------|
| CE 304 C | E- Extension | 60 |

Course Outcomes: After successful completion of the course the student would be able to

1. Acquaint the students with scope of ICT in networking and communication media.
2. Establish community information centre
3. Develop the innovation in e-extension

| Unit | Content | Periods |
|----------|--|---------|
| Unit I | Information and Communication Technology (ICT) Concept, definition, tools and application in extension education. Concept of e-Extension, New media tools- genesis and importance. Reorganizing the extension efforts using ICTs, advantages, limitations and opportunities | 12 |
| Unit II | ICT based extension initiatives ICT Initiatives of NGOs and Private Companies. ICT initiatives by service sector in education , Health, bank, agriculture | 10 |
| Unit III | Services and Tools Community Radio, Web, Tele, and Video conferencing. Computer Aided Extension Knowledge management, Information kiosks, multimedia, online, offline extension. Tools-mobile technologies, e-learning concepts. | 12 |
| Unit IV | Extension Approaches pre-requisites, information and science needs of rural community, Need integration. Human resource information. Intermediaries. Basic e-extension training issues. ICT enabled extension | 12 |
| Unit V | ICT applications Case studies of ICT based extension projects – India and abroad cases Conferencing Remote sensing and GIS social networking online data collection tools e-Extension online and offline extension Expert system apps in agriculture and household | 14 |

References

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 2. R Saravanan , 2010. ICTs for Agricultural Extension, New India Publ. Agency.
 3. Shaik N Meera, 2008. ICTs in Agricultural Extension Tactical to Practical. Ganga Kaveri Publ. House, Varanasi.
 4. G.L. Ray, 2006. Extension Communication and Management. Kalyani Publ.
 5. B Jirli, Deepak De & GC Kendadamth 2005. Information and Communication Technology (ICT) and Sustainable Development, Ganga Kaveri Publ. House, Varanasi.
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Code of the Course/Subject **Title of the Course/Subject** **(No. of Periods/Week)**
(Laboratory/Practical/practicum/hands-on/Activity)

CE 305 **Research Methodology and Statistical Application** **2/W**

Course Outcomes: After successful completion of the course students would 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 specialization |
| 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 |

Code of the Course/Subject **Title of the Course/Subject** **(No. of Periods/Week)**
(Laboratory/Practical/practicum/hands-on/Activity)

CE 306 **Science and Technology for Rural Development** **4/W**

Course Outcomes: After successful completion of the course students would be able to

1. Identify the various agencies work for Rural Development
2. Acquire skill in construct rural household technology

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

| | |
|---|--|
| 1 | Visit to various agencies/ organizations in promoting Science and Technology for Rural Development |
| 2 | Visit to Biogas plants/ Waste Recycling unit/ Solar unit |
| 3 | Construction of a soak pit, water conservation technology |
| 4 | Composting unit for households by different methods |
| 5 | Study the working of various agencies related to rural development |

Code of the Course/Subject **Title of the Course/Subject** **(No. of Periods/Week)**
(Laboratory/Practical/practicum/hands-on/Activity)

CE 307 A **Establishment and Management of Non Government Organisation** **4/W**

Course Outcomes: After successful completion of students would be able to

1. Analyze the participation NGOs for community welfare
2. Skills in the establishment of NGOs

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

| | |
|---|---|
| 1 | Visit of Local NGO for Studying the working and problems. |
| 2 | Case study of any one National/ International NGO the ongoing activities and CSR activities |
| 3 | Assess need of the community and suggest the sustainable solutions |
| 4 | Prepare a proposal for establishment of NGO for registration |

Code of the Course/Subject **Title of the Course/Subject** **(No. of Periods/Week)**
(Laboratory/Practical/practicum/hands-on/Activity)

CE303 B **Writing for Development** **4/W**

Course Outcomes: After successful completion of the course the student would be able to

1. Writing skills on development of the community
2. Design and write scripts for radio and digital media

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

| | |
|---|--|
| 1 | Preparation of extension messages using photographs/slides, Power Point presentations. |
| 2 | Writing for newspapers, local and national |
| 3 | Writing stories and articles |
| 4 | Writing Radio Jingles, Writing for Radio Ads |
| 5 | Script writing Blogging, Podcasting and other digital media writing |

Code of the Course/Subject **Title of the Course/Subject** **(No. of Periods/Week)**
(Laboratory/Practical/practicum/hands-on/Activity)

CE 307 C **Program Planning and Evaluation** **4/W**

Course Outcomes: After successful completion of the course students would be able to

1. Develop ability in planning extension program
2. Evaluate the designed program

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

| | |
|---|---|
| 1 | Define objectives for individual and community development program plan |
| 2 | Design the plans of the program for above said objectives |
| 3 | Implement and evaluate the designed program |
| 4 | Prepare follow plan of the program |

Sant Gadge Baba Amravati University, Amravati Part B
Syllabus Prescribed for Two Year PG Programme Semester IV

| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|----------------------------|--|---------------------------|
| CE 401 | Participatory Methods for Development | 60 |

Course Outcomes: After successful completion of the course the student would be able to

1. **Acquaint with the participatory approach to extension**
2. **Develop participatory tools for understanding of community**
3. **Use tools for PRA**

| Unit | Content | Periods |
|----------|--|-----------|
| Unit I | Participatory extension Importance, key features, principles and process of participatory approaches, different participatory approaches (RRA, PRA, PLA, AEA, PALM, PAR, PAME, ESRE, FPR) and successful models | 10 |
| Unit II | Participatory tools and techniques Space Related Methods: village map (social & resource), mobility services and opportunities map and transect, Time related methods: time line, trend analysis, seasonal diagram. Daily activity schedule, dream map, Relation oriented methods: cause and effect diagram (problem tree), impact – diagram, well being ranking method, Venn diagram, matrix ranking, livelihood analysis. | 12 |
| Unit III | Participatory Rural Appraisal Meaning and concept of PRA Techniques Definition of PRA Techniques Need and Significance of PRA Techniques Objectives of PRA Principles of PRA Components of PRA Advantages of PRA and Limitation of PRA | 14 |
| Unit IV | Tools for PRA Resource Mapping. Community Mapping Seasonal Calendar, Wealth Ranking Transects Walk, Interviews Focus Group Discussions, Public Forum Visualized Analysis. Trend lives, | 14 |
| Unit V | Participatory technology development and dissemination, participatory planning and management, phases and steps in planning and implementation aspects, Process, Participatory monitoring and evaluation | 10 |

References

1. Adhikary.2006. Participatory Planning and Project Management in Extension Science. Agrotech Publ. Academy. Mukharjee N. 2002. Participatory Learning and Action. Concept Publ. Co.
2. Singh BK. 2008. PRA/PLA and Participatory Training. Adhyayan Publ. & Distr.
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10. Good C.N. (1963) Introduction to Educational Research, New York, Applatan Centry Gofes
11. Joshi Uma (2009) Research Methodology for community development, Author's press, New Delhi

| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|----------------------------|-----------------------------|---------------------------|
| CE 402 | Community Health Management | 60 |

Course Outcomes: After successful completion of the course the student would be able to

1. Familiar with the current national scenario with regard to nutrition and health status
2. Identify the various nutrition and health policies and ongoing programs
3. Plan and implement health and nutrition interventions

| Unit | Content | Periods |
|----------|---|---------|
| Unit I | Health, Health care, Nutrition, their importance and relationship Community health, concept of reproductive and occupational health. Nutrition, health and development indices Relationship between health and development. Health, Nutrition and developmental indices and indicators: health and related Indices, fertility indicators, vital statistics, mortality, morbidity, demographic indicators – sex ratios, Reproductive Health Index, . Assessment of nutritional status – Dietary assessment – Anthropometry | 12 |
| Unit II | Community nutrition and health needs and problems Health problems related to sanitation, environment, personal hygiene, Communicable and non-communicable diseases Occupational and reproductive health problems Social Health Issues (Drugs/Tobacco/Alcohol) | 12 |
| Unit III | Health and nutritional needs of special groups women, children, adolescents, elderly, migrants, urban and rural poor. Socio-cultural aspects & dietary patterns – their implications for nutrition and health. Health Economics and economics of malnutrition Its impact on production and national development, cost benefit | 14 |
| Unit IV | Nutritional and health care services and programs Governmental, non-governmental and private services National and International Health Agencies i.e., NIN, CFTRI, NNDIB, ICMR, FAO, WHO, UNICEF, CARE, WORLD BANK, Central Health | 12 |

| | | |
|--------|---|-----------|
| | Education Bureau etc. | |
| Unit V | National Nutrition and Health Programs/Policies Nutrition intervention programs, Objectives and operation of nutrition intervention programs in the country- pre-school feeding programs, SNP, ANP, Mid day meal program ICDS, Nutrition policy | 10 |

References

1. Bamji , Mahtab S, N. Pralhad Rao, Vinodini Reddy (1998) Textbook of Human Nutrition, Oxford and IBH Publishing Co. Pvt. Ltd.
2. B. Srilakshmi, Food Science, (1997), New-Age International (P) Ltd. Publishers, New Delhi.
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| Code of the Course/Subject | Title of the Course/Subject | (Total Number of Periods) |
|-----------------------------------|-------------------------------------|----------------------------------|
| CE 403 | Entrepreneurship Development | 60 |

Course Outcomes: After successful completion of the course students would

1. Provide conceptual inputs regarding entrepreneurship development in food
2. Sensitize and motivate towards entrepreneurship development
3. Orient and impart knowledge towards identifying and implementing entrepreneurship opportunities

| Unit | Contents | Periods |
|-------------|--|----------------|
| Unit I | Conceptual Framework 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 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 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 | Areas of Entrepreneurship Production and marketing of products Consultancy areas Services | 12 |
| Unit V | Agencies for Development of Entrepreneurship 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 Role of banks and other agencies for development of entrepreneurship | 12 |

References:

1. Hisrich R.D. and Peters M.P. (1995) Entrepreneurship – starting, developing and managing a new enterprise. Richard D. Irwin INC, USA.
2. Meredith C.G. et al (1982) Practice of Entrepreneurship. ILO , Geneva.
3. Deshpande M.V. (1984) Entrepreneurship of small scale industries, concept, growth and management. Deep and Deep Publication D-1/24, R-Garden, New Delhi.
4. Parekh U. and Rao T.V. (1978) Personal Efficacy in Development Entrepreneurship, Learning system. New Delhi.
5. Vasant Desai (1991) Entrepreneurship and Entrepreneur Development, Vol. I, II, III, Himalaya Publishing House.
6. Maratha Chamber of Commerce, Industrial Development of Maharashtra, Latest edition.

Course Outcomes: After successful completion of the course students would be able to

Develops skills in application of participatory tools

| Code of the Course/Subject | Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity) | (No. of Periods/Week) |
|----------------------------|---|-----------------------|
|----------------------------|---|-----------------------|

Participatory Methods for Development

4/W

CE404

1. Plan the development programs
* **List of Practical/Laboratory Experiments/Activities etc.**

| | |
|---|---|
| 1 | Simulated exercises on space related methods; time related method and relation-oriented methods, |
| 2 | Exercises in developing Resource mapping Community mapping. Calendars Focus group discussion, Interview |
| 3 | Preparation of action plan, for Participatory monitoring and evaluation of developmental programs |
| 4 | Documentation of the experiments and Prepare record book |

| Code of the Course/Subject | Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity) | (No. of Periods/Week) |
|----------------------------|---|-----------------------|
| Course Out CE405 | Community Health Management | 4/W |

Outcomes: After successful completion of the course students would be able to

1. Plan and implement nutrition and health awareness programs
2. Develop IEC package on the thrust areas of health and nutrition
* **List of Practical/Laboratory Experiments/Activities etc.**

| | |
|---|--|
| 1 | Case study of organizations working in areas of nutrition and health |
| 2 | Planning an IEC package for nutrition and health intervention for selected groups |
| 3 | Planning, implementation and evaluation of nutrition intervention program with community participation |
| 4 | Assessment of nutritional status of any one selected group of community. |

| Code of the Course/Subject | Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity) | (No. of Periods/Week) |
|----------------------------|---|-----------------------|
| CE406 | Scientific Writing Practical | 4/W |

Course Outcomes: After completion of the Lab/Practical Course, students would 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 |

| | | |
|-----------------------------------|--|------------------------------|
| Code of the Course/Subject | Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity) | (No. of Periods/Week) |
|-----------------------------------|--|------------------------------|

| | | |
|--------------|---|------------|
| CE407 | Production of Communication Material | 2/W |
|--------------|---|------------|

Course Outcomes: After successful completion of the course students would be able to

1. Develop skill of Production of projected and non-projected material.
2. Use of projected and non-projected material for development communication

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

| | |
|---|---|
| 1 | Production of charts, Posters and Flex material |
| 2 | Production of leaflets and Folders by using computer programs |
| 3 | Produce Flash Cards on various Themes related to Home Science |
| 4 | Production of audio material as cassette, CD for Communication. |
| 5 | Produce Video Clips or Films for Communication. |

CE 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
- Results and Discussion
- Summary and Conclusion
- Reference (APA style)
- Appendix

Instructions

- 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
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