Syllabus Prescribed for two Year PG Programme
Programme: M. Sc Home Science (Communication and Extension)

Semester III

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 301	Contemporary Research in Communication and Extension	60

Course Outcomes: After successful completion of the course the students will

1. Acquaint with the contemporary research areas in communication and extension
2. Apply the online applications for research
3. Understand the process of publication of research

Unit	Content	Periods
Unit I	**Research Areas in Communication** • Behaviour Change Communication • Strategies and Process of Behaviour Change Communication • Contemporary Trends in Communication – Like AI, Chat GPT 4, Copilot, etc.	12
Unit II	**Research Areas in Extension** • Current Trends in Extension - Value chain analysis, market-led extension, etc. • Trends in Extension Educational Technology – Gamification, Virtual Reality and Augmented Reality, Social Media Learning	12
Unit III	**Research Management Tools** • Recent sources of secondary data: Database online, offline, Patents andStandards etc. • Non-Documentary Reference Tools/Sources • Literature and review management tools and services • Online Survey tools- Development and use of Google form and Quiz etc.	12
Unit IV	**Advance Analysis Tools** • Free and Open-Source Software (FOSS) • Statistical Package for Social Sciences (SPSS) • Statistical Analysis using Microsoft Excel	12
Unit V	**Publication** • Selection of research journal- Impact factor, H Index, • Concept and Usage of Copy right and Plagiarism tools and applications • Ethics for Publication	12

References -

• Brace, N; Kemp, R; Snelgar, R (2003) SPSS for Psychologists: A Guide o data Analysis using SPSS for Windows (Second Edition). New York: Palgrave Macmillian.
• Field, A. (2018). Discovering statistics using IBM SPSS statistics. London: SAGE.
• Foster, J.J. (2001). Data analysis: Using SPSS for windows. London: Sage Pub.
• Sangam, S. L. and others. Indicators for Demographic research: A cross-national assessment. Journal of Library and Information science. 30(1&2) 2005. P
• Landau, Sabine and Everitt, Brian. S. (2004) A Handbook of Statistical Analyses using SPSS. London: Chapman and Hall.
• Rasch, Dieter; Kubinger, K. D and Yanagida, Takuya. (2011). Statiststics in Psychology Using R and SPSS. United Kingdoms: John Wiley & Sons Ltd.
• Mclean, P. (2018). Spss. US: Tritech Digital Media.
• https://icar.org.in/
• https://www.homescienceassociationofindia.com/

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 302	Writing for Media	60

Course Outcomes

After successful completion of the course the student will
1. Understand the basics of writing
2. Train for writing newsletters and in house journals.
3. Acquaint with writing for development issues and programs

Unit	Content	Periods
Unit I	**Basics of Writing** • Identifying Your Subject • Gathering Information • Purpose • Knowing your Reader • Writing styles	12

Unit II	**Principles of Writing**
	• Qualities of Good Writing
	  o Economy of Words
	  o Simplicity
	  o Clarity
	  o Utility
	• The Paragraph
	  o Functions of a Paragraph
	  o Characteristics of a Good Paragraph
	  o The Structure of a Paragraph
	  o The Process of Writing a Paragraph
	• Writing Style
	  o Different Kinds of Style
	  o Passive and Active Structures
	  o Sentence Forms: Use of Periodic Sentence
	  o Attributes of Good Style
	• Writing Process
		12

Unit III	**Writing for Print Media**
	• News writing
	  o Hard News
	  o Soft News
	• Feature Writing
	• Article Writing
	• Headline Writing
	• Writing Intros
	• Writing for Magazines
		12

Unit IV	**Writing for Projected Media**
	• Pre-requisites of a Radio Programme
	  o Elements of a Radio Programme
	  o Target Planning
	• Radio script format
	• Television script format
	• Documentary writing techniques
	• Scriptwriting
	• Major stages in Scriptwriting process
		12

Unit V	**Editing** • Significance and Objectives of Editing • Principles of Editing • Process of Editing • Levels of Editing • Editing and Proof Reading	12

References-

1. Narula, U. (2001) Mass Communication Technology: New Perspective, Har Anand Publications, New Delhi.
2. Rayudu, C.S. (2002) Media and Communication Management, Himalaya Publishing House, Mumbai.
3. Comley, N.R.; O.Harrington, C.H.Klaus, R.Scholes, N.Sommes (1966) Fields of Writing, Reading across the discipline, St. Martins Press, New York.
4. McCrimmion (1976) Writing With Purpose, Houghton Mifflin, New York.

5. Hough G. (1998) News Writing, Kanishka Publications, New Delhi
6. Kamath, M.V.(1980) Professional Journalism; Vikas Publishing House Pvt. Ltd., New Delhi.
7. Kamath, M.V.(1983) The Journalist's Handbook; Vikas Publishing House Pvt. Ltd., New Delhi.
8. Belavadi V (2008) Video Production, Oxford University Press, Hyderabad.
9. Zettl H: Sight,(1999) Sound, Motion, Applied media ashthetics, Wadsworth, CA.
10. Zettl, Herbert: (2003) Television production handbook. 8th ed. Belmont: Thomxon Wadsworth.
11. YK.1998. Principles and Ethics of Journalism and Mass Communication. Commonwealth Publications.

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 303	Application of Participatory Methodology	45

Course Outcomes

After successful completion of the course the student will

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

Unit	Content	Periods
Unit I	**Participatory extension** • Importance, key features, • Principles and process of participatory approaches, • Different participatory approaches- PRA, RRA, PLA, PALM, PAME,	09
Unit II	**Participatory tools and techniques** • **Space Related Methods**: village map (social & resource), mobility map and transect walk, services and opportunities • **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,wellbeing ranking method, Venn diagram, matrix ranking, livelihood analysis.	09
Unit III	**Participatory Rural Appraisal** • Meaning, concept and definition of PRA • Need, Significance and Objectives of PRA • Principles and Components of PRA • Advantages and Limitation of PRA	09
Unit IV	**Rapid Rural Appraisal (RRA)** • Key elements of RRA • RRA guidelines • RRA tools and techniques • Advantages and Disadvantages of RRA • Combining RRA and formal survey	09
Unit V	**Participatory technology development and dissemination**, • Participatory planning and management, • Phases and steps in planning and implementation aspects, • Process, Participatory monitoring and evaluation • RRA in project studies	09

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.
3. Somesh Kumar. 2002. Methods for Community Participation. Vistaar Publ.
4. Alston, Margaret and Bowles
5. Wenely (2003) Research for Social workers: An Introduction to Methods, 2nd edition, New Delhi,

Rawat Publication

6. Agrawal C., Joshi S.P. and Sinha A: Communication Research and Development, The ISRO Experience NawrayRai concept Pub. Co.
7. Best J. (1959): Research in education. Englewood, Cliffs. New Jercy Prentice Hall Inc New Delhi
8. Brow F. (1988): Statistic for Behavioral Sciences, Bostan, Allyn and Barm Inc.
9. Costello M.J.Patric (2005): Action Research, Brijbasi Art Press, New Delhi
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
12. Karen Scoonmaker Freudenberger. Rapid Rural Appraisal (RRA) and Participatory Rural Appraisal(PRA), A Manual for CRS Field Workers, Baltimore, Mary Land.
13. ESCAP- Working Paper- 2009. Participatory Approaches to Rural Development and Rural Poverty Alleviation.

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 304A	**Establishment and Management of Non-Government Organisation**	**45**

Course Outcomes

After successful completion of the course the students will
1. Comprehend the process for establishment of NGO
2. Familiar with the working of NGO
3. Apply the government policies and programmes for NGO management

Unit	Content	Periods
Unit I	**Introduction** • Meaning of NGO and GO, • Difference between Government Organization and NGO. • Characteristics of good NGO, • Structure and Functions of NGO • Contribution of NGO in the Development	**09**
Unit II	**Establishment of NGO** • Requirement for registration and management. • Rules and regulations for governing a trust and society. • Maintenance of accounts and audit • Responsibilities and Powers of Executive committee, Governing committee	**09**
Unit III	**NGO Management** • Organizational types and structures, Managing people and teams in NGOs, • Selection and Training of Personnel • NGO management competencies, • Applying NGO principles and values, • Accountability and Social impact assessment of NGOs	**09**
Unit IV	**Working of NGO** • Identifying Funding agencies, • Writing Proposal for funding, • Planning, Implementation and Evaluation of NGO, • Documentation and Annual Report of NGO	**09**
Unit V	**Policies and Programmes** • Government programmes with NGO partnership FCRA, • New regulations for NGO and government control • NGOs Networking • Problems of NGO - Training, Recruitment, Funding, Resource Mobilization and • Documentation	**09**

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, Publishedby Routledge, New york.
4. Abraham, (2003), Formation and Management of NGOs Third

5. Edition, Published by Universal Law Publishing Co. Pvt Ltd., NewDelhi.
6. Kumar, A.2003.Social chang through NGOs, Anmol publishers, New Delhi
7. Dorothea Hilhorbat. 2003.The real world of NGOs: Discourses, Diversity and Development. Zed Books Ltd. New Delhi
8. Juli Fisher. (2003) Governments,NGOs and the Political Development of the Third WORLD, RAWAT publications, Jaipur.
9. Joel S.G.R. Bhose (2003): NGOs and Rural Development – Theory and Practice, Concept Publishing Company, New Delhi.
10. Ravi Shankar Kumar Singh (2003): Role of NGOs in Developing Countries (Potentials, Constraints and Polcies), Deep & Deep Publications (P) Ltd., New Delhi.

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 304 B	E- Extension	45

Course Outcomes

After successful completion of the course the student will
1. Acquaint with scope of ICT in networking and communication media.
2. Use management information system for extension
3. Develop the innovations in e-extension

Unit	Content	Periods
Unit I	**Information and Communication Technology (ICT)** • Concept, definition, tools and application of ICT in extension education. • Concept of e-Extension, • Advantages, limitations and opportunities	09
Unit II	**ICT based extension initiatives** • New media tools- genesis and importance. Reorganizing the extension effortsusing ICTs • ICT Initiatives of NGOs and Private Companies. • ICT initiatives by service sector in education, Health, bank, agriculture	09
Unit III	**Approach Services and Tools for Extension** • Community Radio, Web, Tele, and Video conferencing. • Information kiosks, multimedia, online, offline extension. • Tools-mobile technologies, e-learning platforms.	09
Unit IV	**ICT applications** • ICT based extension projects – India and abroad • Remote sensing and GIS, GPS • Social networking • Expert system apps in agriculture and household • Basic information about Artificial Intelligence (AI)	09
Unit V	**Management Information System** • Basic concepts, types of information needed at various levels, • Design of MIS for extension organization. • Scope for computerization, system alternatives and Evaluation. • Implementation, operation and maintenance of the system	09

References -
1. R Saravanan, C Kathiresan & T Indra Devi, 2011. Information & Communication Technology for Agriculture and Rural Development. New India Publ. Agency.
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.
6. A.S. Sandhu, 2004. Text book on Agricultural Communication Process and Methods. Oxford & IBH.

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 305	**Contemporary Research in Communication and Extension**	2/W

Course Outcomes

After successful completion of the course the student will

- Acquaint with the current thrust areas of research in Communication and Extension
- Apply the online research tools and applications

List of Practical/Laboratory Experiments/Activities etc.

1	Enlist advance research topics in communication (at least 10)
2	List out recent research topics for extension education
3	Select a topic and Prepare Google form for Community survey
4	Use online Sample calculator for defined target population
5	Write a draft research paper and check plagiarism by using online software

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE 306	**Writing for Media**	2/W

Course Outcomes

After successful completion of the course the student will

1. Develop 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	Writing, Preparation of extension messages using online free software/ Power Point presentations/ Blogs.
2	Writing various columns of local and national newspapers
3	Writing stories and articles for audio media and Podcasting
4	Writing Radio Jingles, and Radio Advertisements
5	Script writing for audio visual media i.e. popular digital media like YouTube, Instagram, Facebook etc. (any two)

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE 307	**Application of Participatory Methodology**	2/W

Course Outcomes

After successful completion of the course students will

1. Develops skills in application of participatory tools

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

1	Simulated exercises on Space related methods- village map (social & resource) Time related methods - seasonal diagram, Daily activity schedule, Relation-oriented methods- cause and effect diagram (problem tree)
2	Prepare tool by using any RRA method
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)
CE 308 A	**Establishment and Management of Non-Government Organisation**	2/W

Course Outcomes

After successful completion of students will

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

* List of Practical/Laboratory Experiments/Activities etc.

1	Visit to Local NGO for studying the working and problems of the organization
2	Case study of any one National/ International NGO focusing on the ongoing CSR activities.
3	Assess need of the community and suggest the sustainable solutions
4	Prepare a proposal for establishment of NGO for registration and documentation.

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE 308 B	E-Extension	2/W

Course Outcomes

After successful completion of students will

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

* List of Practical/Laboratory Experiments/Activities etc.

1	Explore and study the utility of ICT tools and applications for communication and extension
2	Study the government ICT initiatives for education, health and agriculture
3	Prepare a small album on any theme by using GPS camera
4	Seminar on services and tools for communication and extension
5	Plan a program for nearby extension organizations by using MIS

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 309	Research Project Phase -I	30

Course Outcomes
After successful completion of the course students will

1. Formulate research topic on thrust areas
2. Draw sample by using appropriate techniques
3. Develop tools of data collection

Unit	Contents	Periods
Unit I	**Research Topic** • Characteristics of good research • Considerations while Selection of research topic • Defining objectives • Formulation of the hypothesis • Variables of the study	10
Unit II	**Literature Review and Sampling** • Various referencing procedures • Writing review • Sample and Sampling techniques	10
Unit III	**Tools of Data Collection** • Research Design • Selection of data collection tool • Preparation of tools of data collection • Checking validity and reliability of the tools • Administration of tools	10

Practical -

1. Identify the research areas in communication and extension
2. Statement of research problem/ topic.
3. Collect review in selected variables from print and non-print sources.
4. Find the key words with dictionary meaning write the operational definitions
5. Define the specific objectives of the study.
6. Define variables of the study and their measurements.
7. Design conceptual model of the study.
8. Identify the population of study and prepare sampling plan.
9. Draw the sample by using appropriate sampling techniques.

10. Develop tools of data collection.
11. Prepare time plan for the research study and note down facilities required for the study.

References -

1. Best, John W and Kahn James, V. (1999). Research in Education. 2nd ed. New Delhi: Prentice Hall of India.
2. Busha, Charles H and Harter, Stephen H (1988). Research Methods in Librarianship: Techniques and Interpretations. New York: Academic Press.
3. De Vaus, David (2001). Research Design in Social Research. New Delhi: Sage Publications
4. Trochim, William M (2003). 2nd ed. Research Methods. New Delhi: Biztantra.
5. Bhardwaj, R. S. (1999). Business Statistics. New Delhi: Excel Books.
6. IGNOU Study Material (2005). EEC-13: Elementary Statistical Methods and Survey Techniques, Block 6.
7. Kothari, C.R. (1985). Research Methodology: Methods and Techniques. New Delhi: Wiley Eastern.
8. Young, P. V. (1988). Scientific Social Surveys and Research, Prentice Hall of India: New Delhi.

Sant Gadge Baba Amravati University, Amravati
Syllabus Prescribed for two Year PG Programme
Programme: M. Sc Home Science (Communication and Extension)
Semester IV

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 401	**Communication Material Production**	**60**

Course Outcomes
After successful completion of the course students will

1. Provide conceptual inputs for production of communication material
2. Create non projected aids for communication
3. Produce projected aids for communication

Unit	Contents	Periods
Unit I	**Production of Non-Projected Aids** • Bulletin board • Rope board • Flash card • Poster • Charts • Flannel board and Flannel graph • Leaflet and Folder • Pictures and Photographs	12
Unit II	**Production of Audio** • Production Process • Radio Formats • Recording • Sound Editing and Mixing • Audio Programmes Through Different Platforms	12
Unit III	**Digital Photography** • Camera: Types, Structure and Functions • Picture Composition • Techniques of Photography • Photo Editing	12
Unit IV	**Production of Audio-Visual Aids** • Writing for Audiovisual Programmes • Production Process • Lighting • Recording Moving Images	12
Unit V	**Media Management** • Media Planning, Factors affecting media selection • Media Scheduling, Media Strategy • Working with media at an Event	12

References –
1. Dahama, O.P. and Bhatnagar, O.P. (2007). Education and Communication for Development. Oxford & IBH Publishing Co. Pvt, Ltd., New Delhi.
2. GFRAS. (2017). The New Extensionist Learning Kit. Thirteen Learning Modules for Extension Professionals. Lausanne, Switzerland, Global Forum for Rural Advisory Services - GFRAS.
3. Leagans, J.P. (1961). Extension Teaching Methods. In: Extension Education in Community Development, Directorate of Extension, Ministry of Food and Agriculture, Government of India, New Delhi.
4. Suvedi M., and Kaplowitz M.D. (2016). Process Skills and Competency Tools – What Every Extension Worker Should Know – Core Competency Handbook. Urbana, IL, USAID-MEAS.
5. McLeish, R., & Link, J. (2015). Radio production. CRC Press.
6. Reese, D. E., Gross, L. S., & Gross, B. (2006). Radio production worktext: studio and equipment. Taylor & Francis.
7. MacFarland, D. (2013). *Future radio programming strategies: Cultivating listenership in the digital age.* Routledge.
8. Bartlett, B., & Bartlett, J. (2016). *Practical Recording Techniques: The step-by-step approach to professional audio recording.* CRC Press.
9. Huber, D. M., & Runstein, R. E. (2013). Modern recording techniques. CRC Press.
10. Laurin, A. (2018). The Book on Podcasting: Podcast for Personal and Professional Development.

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 402	Science and Technology for Community Development	60

Course Outcomes

After successful completion of the course students will
1. Acquaint with appropriate and affordable technology for community development
2. Identify the appropriate technologies related to water, sanitation, health and energy for development
3. Develop appropriate technologies for the target group

Unit	Content	Periods
Unit I	**Science and Technology for Community Development** • Meaning, role and classification of technology. • Need of science and technology in empowering community.	12
Unit II	**Waste Management** • Concept of waste – classification and the need for good waste management, • Principles of waste management – Reduce, Recycle, Reuse • Techniques of waste management- Techniques for solid waste management, water waste management and e-waste management, Waste cloth management	12
Unit III	**Green Technology** • Concept objectives and Scope of Green Technology • Pillers of green technology- Solar energy, Wind energy, hydropower.	12
Unit IV	**Sustainable Technologies for Community Development** • Solar Energy- Solar cooker, Water heaters, Dryers, lamps, solar panels for electricgeneration • Role of Green Technologies in Health, Sanitation and Food Security (Development of Nutrition Garden, Hydroponics)	12
Unit V	**Agencies involved in promoting Science and Technology for Community Development** • DST, Indian Renewable Energy Development Agency (IREDA) • Ministry of New and Renewable Energy, Solar Energy Corporation of India (SECI), • Non-government Agencies involved in the transfer of appropriate technologies tocommunity, KVK, CSV, AARTI	12

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.
4. Department of Science and Technology, Models for Rural Application, Progressive Printers, New Delhi.
5. Vinkata Ramana. P. Rural and Renewable Energy: Perspectives from Developing Countries, Tata Energy Research Institute, New Delhi.
6. Qasim, S.Z. Science and Quality of Life, The off setters, New Delhi.
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.
9. Prescott, S.C. and Proctor, B. K., Food Technology, McGraw Hill Book Company, New York.

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 403	Curriculum Planning and Development	45

Course Outcomes

After successful completion of the course students will
1. Equip with conceptual inputs regarding curriculum planning and design
2. Develop curriculum structure and contents
3. Evaluate the curriculum by using various models

Unit	Contents	Periods
Unit I	**Conceptual Framework of Curriculum** • Curriculum: The Concept • Curriculum Planning: A Definition, Basics considerations in curriculum planning • Foundations of Curriculum	09

Unit II	**Curriculum Planning**
	• Curriculum Planning: Levels
	• Curriculum Approaches
	• Models of Curriculum Planning: An Overview
	  ○ Technical Models
	  ○ Non-Technical Models
	• Curriculum Planning: Issues
		09

Unit III	**Curriculum Designing**
	• Identifying the Purpose
	  ○ Defining Purpose Setting
	  ○ Substantive Criteria
	  ○ Procedural Criteria
	• Setting Educational Objectives
	  ○ Formulating Objectives: Guidelines
	  ○ Approaches to Curriculum Objectives
		09

Unit IV	**Curriculum Structure**
	• Selecting and Structuring the Content
	  ○ Criteria for Selection of Content
	  ○ Organisation of Content
	• Deciding Curriculum Experiences
	  ○ Selecting Experiences: A Checklist
	  ○ Criteria for Environment
		09

Unit V	**Curriculum Implementation and Evaluation**
	• Curriculum Implementation: Issues
	  ○ Implementation: A Process of Change
	  ○ Planning Implementation
	• Curriculum Implementation Models
	  ○ The ORC Model
	  ○ The Linkage Model
	• Curriculum Evaluation
	  ○ Student Evaluation
	  ○ Curriculum Evaluation
	• Curriculum Evaluation Models
	  ○ The Metfesset-Michael Model
	  ○ Ale Discrepancy Evaluation Model
	  ○ The CIPP Model
	• Curriculum Evaluation: Issues
	○ Concept and Purpose
	○ Methodological issues
		09

References –
1. Snow, Richard, E. and (1989) : "Implications of cognitive David F. Lohman Psychology for Educational Measerement. 3rd Edition Edited by Robert L. Linn, New Yark, Macmillan.
2. Rogers. C. Ohio, Mecnill. (1983) : *Freedom to Learn for the 1980s,*
3. Ornstein, C. and (1988) : *Curriculum: Foundations,*Hunkins, P. *Principles and Issues,* New Jemy, Prentice Hall.
4. Ornstein, C. and (1986) : *Curriculum,* New Jersey. Hunkins, P. Prentice Hall.
5. Miller, P. and Seller, W. (1985) : *Curriculum: Perspectives and Practice,* New York, Longman.
6. Goodlad, J. (1986) : "The development of a conceptual system for dealing with problems of curriculum and instructions", in Ornstein C.and Hw&ins, P. (1986) *Curriculum,* New Jersey, rice Hall.
7. Tanner, D. &Tanner, L. (1995). *Curriculum development: Theory into practice*, (3rd ed.). New York: Merrill.
8. Glatthron, A. A., Boschee, F. & Whitehead, B. M. (2006). *Curriculum leadership:* Development and implementation. Thousand Oaks: Sage Publications.
9. McNeil, J. D. (2006). *Contemporary curriculum in thought and action* (6th Ed.). Hoboken, NJ: John Wiley & Sons, Inc.

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 404 A	Corporate Social Responsibility Management	45

Course Outcomes

After successful completion of the course the student will
1. Understand the basic concepts of Corporate Social Responsibility and linkages
between various stakeholders
2. Learn from the CSR initiatives taken in India and internationally
3. Develop Corporate Social Responsibility initiatives of various corporate companies

Unit	Content	Periods
Unit I	**Definition, concept, linkages to development** • Growth of CSR: historical and contemporary perspectives, national andinternational scenario • Factors influencing growth of CSR in societies- ideological, socio-economic,legal and environmental perspectives • Government initiatives for promoting CSR • Impact of globalization and liberalization on CSR initiatives	09
Unit II	**CSR and Development** • CSR activities: nature, types, impact on development programmes • CSR and development organisations: relationships, functioning and impact onorganisational functioning • Stakeholders' participation and perspectives about CSR	09
Unit III	**CSR Strategy and Leadership** • Theories and principles of CSR • Corporate governance, style, leadership and CSR • CSR Strategies: objectives, approaches, roles and tasks of a corporate managers • Strategic corporate planning: steps to make CSR Work for Business • Corporate Social Responsibility: programmes and initiatives – national andinternational	09
Unit IV	**Ethics, CSR and Corporate Behaviour** • Ethical philosophy, corporate reputation, the Gaia hypothesis • Environmental sustainability and CSR: redefining sustainability, • The Brundtland report and critique, distributable sustainability • Sustainability and the cost of capital	09
Unit V	**CSR Management** • CSR: Standards and Codes (ISO – 14001, OHSAS – 18001 SA – 8000, OECD Guidelines for Multinational Companies, Global Compact,AA– 1000, BS / ISO Guideline on CSR Management ISO-26000) • Evaluating & reporting performance of CSR initiatives - Social accounting, environment audits and performance measurement	09

References -

1. Crowther D. et al, (2008). *Corporate Social Responsibility*.
2. Grayson D., Hodges A. (2004). *Corporate Social Responsibility- Seven Steps to Make Corporate Social Responsibility Work For Your Business*. UK: Greenleaf Publishing Limited
3. Narang R.K. (2009). *Corporate Social Responsibility-Replicable Models on Sustainable Development*. New Delhi: The Energy & Resources Institute
4. Arora, B. & Puranik, R. (2004). A Review of Corporate Social Responsibility in India. Development. 47. 93-100. 10.1057/palgrave.development.1100057
5. Fernandes, K. (2019). Top 20 Indian Companies for CSR in 2019.https:// the csrjournal.in/top-indian-companies-for-csr-2019/
6. Khandelwal, A. (2011). National Voluntary Guidelines for India Inc.: from CSR to Responsible Business. Sustainability Outlook.
7. Sood, A. and Arora, B. (2006). The Political Economy of Corporate Responsibility in India. UNRISD
8. Sharma, J. and Gupta, S. (2019). 5 Trends that will Redefine CSR Sector in 2019. https://www.entrepreneur.com/article/327657
9. www.mca.gov.in

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

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

                                     Mobile Media for Learning

CE 404 B   **45**

Course outcomes -

After successful completion of the course the student will
1. Acquaint with the application of M-Learning
2. Use pedagogy for M-Learning
3. Identify new frontiers of M-Learning for extension

Unit	Content	Periods
Unit I	**Basics Mobile Networks** • Wireless Communication fundamentals – Telecommunication networks • Telecommunication systems – GSM – GPRS – DECT – UMTS – IMT-2000 – Satellite • Networks Traditional TCP – Classical TCP improvements – WAP, WAP 2.0.	09
Unit II	**M-Learning** • M-Learning: Concepts Definitions Introduction to M-Learning- • Mobile devices for e-portfolios • Strengths and Limitations Some Examples	09
Unit III	**Pedagogy of M-Learning** • M-Teaching & learning - Moodle for mobile • Learning Management Systems (LMS) • Features of LMS Strengths and Limitations, Criteria for Selecting LMS • E-learning: Types, Tools and Standards • Criteria for Selecting Learning Management System • Learning Management Systems: Examples E- learning Standards	09

Unit IV	**M-Learning in Higher Education**
	• Designing M-Learning Technology
	  o Blended or hybrid learning
	  o Internet access and collaborative learning
	• M-assessment,
	• Cost and Impact of M-Learning.
		09

Unit V	**New Frontiers in M-Learning** • New frontiers in art, such as moblogging • Smart mobs - using mobile technologies to enhance their cohesion and efficacy. • Word Processing and PowerPoint Presentations • Flipped Learning	09

References -
1. ASTD (2009). Field Guide to learning Management Systems, Retrieved from the WWW at http://www.astd.org/LC/LMSfieldguide.htm (accessed on 12/08/2019)
2. Attewell, J. (2005). From research and development to mobile learning: Tools for education and training providers and their learners. http://www.mlearn.org. za/CD/papers/Attewell.pdf (accessed 12-08-2019).
3. Betihavas, V., Bridgman, H., Kornhaber, R., & Cross, M. (2015). The evidence for E-learning: Types, Tools and Standards 'flipping out': A systematic review of the flipped classroom in nursing education. Nurse Education Today, 6, 15–21
4. Brown, H. T. (2005). Towards a model for M Learning. International Journal on E-Learning, 4(3), 299–315.
5. Cleveland-Innes, M. and Wilton, D.(2018). Guide to blended learning is made available under a Creative Commons Attribution-Share Alike 4.0 Licence (international): http://creativecommons.org/licences/by-sa/4.0.
6. Crompton, H. (2014). A diachronic overview of technology contributing to mobile learning: A shift towards student-centred pedagogies: Increasing access through mobile learning is made available under a Creative Commons Attribution Share Alike 3.0
7. Doolittle, P.E., and Mariano, G.J. (2008). Working memory capacity and mobile multimedia learning environments: Individual differences in learning while mobile. Journal of Educational Multimedia and Hypermedia, 17(4), 511–530.
8. Edu Tools. (2009). CMS: Feature List. Retrieved from the WWW at http:// edutools.info/feature list.jsp?pj=4&f=823 (accessed on 14/08/2019)

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE405	**Communication Material Production**	**2/W**

Course outcomes

After successful completion of the course students will

1. Develop ability to produce non-projected communication aids

2. Produce projected communication aids

* List of Practical/Laboratory Experiments/Activities etc.

1	Preparation of non-projected aids like Flash cards, Flip chart, Booklet, Leaflet.
2	Production of audio material in any radio format.
3	Production of compose photographs on selected theme.
4	Production of audio-visual aid on selected theme.

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE 406	**Science and Technology for Community Development**	**2/W**

Course Outcomes

After successful completion of the course students will

1. Identify the various agencies working for community development

2. Acquire skill in construction of household technology

* List of Practical/Laboratory Experiments/Activities etc.

1	Visit to various agencies/ organizations in promoting Science and Technology forcommunity development or technology park
2	Visit and study working of nearby plants/ projects of Waste Recycling unit/ Solarunit
3	Construction of a soak pit/ water conservation technology
4	Prepare model of nutrition garden unit for households with available resources
5	Apply reduce, reuse, recycle principles for waste management at local level withavailable resources. Any two models or exhibits

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE407	Curriculum Planning and Development	2/W

Course outcomes

After successful completion of the course students will

1. Develop ability to plan and design the curriculum

2. Evaluate the curriculum on various levels

* List of Practical/Laboratory Experiments/Activities etc.

1	Select the topic, prepare a plan of the curriculum with objectives.
2	Design and develop the content related to defined objectives.
3	Organize the contents in logical manner.
4	Evaluate the developed curriculum with appropriate model.

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE408 A	Corporate Social Responsibility Management	2/W

Course outcomes -

After successful completion of the course students will

1. Develop skill of planning CSR activities

2. Prepare the assessment tools for CSR activities

* List of Practical/Laboratory Experiments/Activities etc.

1	Enlist CSR activities at National and International level
2	Assess need for CSR activities of the nearby community.
3	Plan the CSR activity on assed need with cost of the project.
4	Prepared assessment tool for the CSR activity.

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
CE408 B	Mobile Media for Learning	2/W

Course Outcomes

After completion of the Lab/Practical Course students will

1. Developed skill in use of mobile for learning
2. Create LMS and Moblog

* List of Practical/Laboratory Experiments/Activities etc. (Use Smartphone for this practical)

1	Prepare Power Point Presentation on any topic of your interest.
2	Prepare Moblog on any topic of social interest.
3	Preparation of Learning Management System (LMS).
4	Prepare M-assessment tool on above LMS

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CE 409	Research Project Phase -II	30

Course Outcomes

After successful completion of the course students will

1. Analyse data by using statistical software
2. Present and interpret the analysed data
3. Write research report in scientific format

Unit	Contents	Periods
Unit I	**Analysis of Data** • Preparation of data for statistical analysis • Nominal and Ordinal Data, Numerical Data • Application of statistical package	10
Unit II	**Presentation of Data** • Presentation of data o Text format o Tabular format o Graphical format	10

Unit III	**Research Report**	10
	• The Structure of the Research Report	
	• Cover page/Title page	
	• Content Page	
	• Preface	
	• Acknowledgements	
	• Introduction	
	• Literature Review	
	• Research Methodology	
	• Thematic Chapters	
	• Conclusion	
	• References and Bibliography	
	• Annexure	

Practical –

1. Edit the collected data for adequacy and completeness.
2. Classify the nominal and ordinal data.
3. Decide the statistical test according to the nature of data
4. Use software for data analysis.
5. Prepare table and describe it.
6. Prepare graphs and figures by using software/ computer
7. Write preliminary pages.
8. Write main text in scientific format.
9. Prepare the draft report.
10. Check for language, style and layout of the report.
11. Prepare final report.
12. Plagiarism check by standard software.

Guideline for writing 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

References –

1. Henn, M., Weinstein, M., and Foard, N. (2006). A Short Introduction to Social Research. London: Sage.
2. Khattri, P. (2016). Livelihood Issues in Disaster Context: Case of Floods in Bahraich District of Uttar Pradesh. Unpublished research report submitted to the ICSSR, New Delhi. Writing of the Research Report
3. Khattri, P., Joshi, P.C., Minakshi and Guha-Sapir, D. (2012). "Projections of Disaster: Investigations into Visual and Textual Images of Flood in Badaun, Uttar Pradesh". Anukriti. 2(5).
4. Khattri, P., Joshi, P.C., Wind, T., Komproe, I.H. and Guha-Sapir, D. (2012). "Understanding Mental Health as a Function of Social Vulnerabilities in a Disaster Situation: Evidence from Recurrent Flooding in Bahraich District, Uttar Pradesh". Journal of the Anthropological Survey of India. 61 (1). 109-124.
5. Mudgal, V. (2011). "Rural Coverage in The Hindi And English Dailies". Economic and Political Weekly. XLVI(35). Trautmann, T.R. (2007). The Aryan Debate. New Delhi: Oxford University Press.
6. Ripley Brian D.(2004). Statistical Methods Need Software. Netherlands Statistical Society, 27 April 2004. http://www.stats.ox.ac.uk/pub/bdr/NethStatSoc.pdf Downloaded 08/11/05
7. Sarma K.V.S. (2001). Statistics made simple- Do it yourself on PC. Prentice-Hall of India: New Delhi.
8. SPSS for Windows Release 11.0. Help Documentation.
9. Wegman Edward J., Solka Jeffrey L. (2005). Statistical Software for Today and Tomorrow. Center for Computational Statistics, George Mason University Fairfax, VA 22030. Downloaded 16/11/05 http://www.galaxy.gmu.edu/papers/guide.pdf