Annual Training Calendar
(2019-2020)

EXTENSION EDUCATION INSTITUTE, NILOKHERI
Govt. of India
Directorate of Extension
Ministry of Agriculture & Farmers Welfare

Extension Education Institute
CCS Haryana Agriculture University
Nilokheri-132117 (Haryana)
Email: rdeein@gmail.com, Phone: 01745-246227
EXTENSION EDUCATION INSTITUTE, NILOKHERI
Directorate of Extension
Ministry of Agriculture & Farmers Welfare
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ANNUAL TRAINING CALENDAR
(From 1st April, 2019 to 31st March, 2020)

Extension Education Institute
CCS Haryana Agriculture University
Nilokheri-132117 (Haryana)
Email: rdeein@gmail.com, Phone: 01745-246227
1. **BRIEF DETAIL OF THE INSTITUTION**

**Background of the institute:**

The Extension Education Institute, Nilokheri, set up in 1959 during the Second Five Year Plan period, was the first training institute of its kind in the country. The Institute was primarily established as a Trainers’ Training Institute to strengthen the competence of the trainers/instructors of Training Centres. Subsequently the Institute has been assigned the other responsibilities of imparting training to in-service officers of various departments including Agriculture, Horticulture, Animal Husbandry, Social Forestry, Rural Development and other land based development departments; along with imparting training to the Master Trainers/Scientists of State Agricultural Universities, Extension personnel’s of Krishi Vigyan Kendras, ATMA, SAMETI, NGOs etc. Besides training in Extension Reforms and Communication Media, the special courses are also being organized in the areas like Extension Management, Management of Training Programme, Entrepreneurial Skills, Market Led Extension, Extension Methodology & Motivational Skills.

**Aims & objectives:**

The main aims and objectives of the Institute are as under:

- To provide in-service training to the staff of State Training Centres/Regional Institutes of Rural Development in Extension Teaching Methods and Communication Media
- To organize workshops on Orientation, Communication and Extension Teaching Methods/Training Methodology for Master Trainers/Sub Divisional Agricultural Officers/Subject Matter Specialists working under land based departments
- To conduct workshop in specialized fields like Monitoring and Evaluation, Supervision and Extension Management for middle level extension personnel, working under land based departments

**Clientele:**

The Institute caters the training needs of middle level extension functionaries including Subject Matter Specialists, Sub Divisional Agricultural Officers, Agriculture Development Officers and other in service personnel working in the Department of Agri., Animal Husbandry, and Social forestry, Horticulture, R.D. of the northern states viz. Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Uttar Pradesh, Uttrakhand, Delhi, Bihar and Jharkhand. Besides, these training programmes are also conducted for the Extension Personnel, Scientists and Master Trainers of North Indian Agricultural Universities, Krishi Vigyan Kendras of ICAR and NGO’s

**Thrust Areas of training:**

- Communication Skills & Training Management
- Extension Management Skills
- Extension Methods for Agriculture Dairy, Fisheries & Forestry Extension
- Agricultural journalism and mass media
Effect of climate change in agriculture
- Organic farming & integrated farming system
- Women empowerment
- Development of Entrepreneurial Skills
- Motivation & decision making skills
- Monitoring & Evaluation
- Planning & supervision of Extension programmes.
- Extension Methodology for effective transfer of Technology
- Multimedia & social media.
- Promotion of ICTs for farmers
- Strategies for Doubling Farmers Income.
- Leadership & group dynamics.
- Post Harvest Technology
- Waste management

Physical facilities:

i. **Hostel:** The Institute has a well furnished 24- rooms hostel for providing lodging facilities to the participants. The hostel is used for participants of various On-campus courses organized at the Institute. It also serves as a guest house for various dignitaries visiting the institute for official purposes. All the rooms in the hostel have attached bath, geyser, A.C and LED along with dining facilities. Facility of Wi-Fi is also available in the hostel premises.

ii. **Seminar Hall:** The Institute has a seminar hall having capacity of 45-50 participants. It is being used for imparting training to the participants of various courses.

iii. **Library:** The Institute has a good collection of books on Agricultural Extension and allied subjects. In addition to about 3900 books, the library is also enriched with about 15 quarterly/ monthly journals and magazines. Three newspapers are also received in the library for use of the participants.

iv. **Computer Lab:** The institute has a computer lab having 20 computers of latest technology, internet connectivity and a projector for the training purpose.

v. **Mobilization of participants:** For the purpose of mobilizing participants in the field areas, the institute have mini bus having seating capacity of 26 persons. This facility is being used for organising exposure visits to the trainees who attend training/workshop at EEI, Nilokheri. One staff car is also available for official purposes.

Facilities provided to the participants:
- Free Boarding & Lodging.
- To & Fro journey fare is paid
- Supporting Literature/ Reading material.
### ON CAMPUS TRAININGS FOR THE YEAR 2019-2020

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the courses</th>
<th>Dates</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Work ethics and conflict management in organisations</td>
<td>18-21 June 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>2.</td>
<td>Extension strategy for climate resilient agriculture</td>
<td>02-05 July 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>3.</td>
<td>Entrepreneurship and agri-business models in agriculture</td>
<td>16-20 July 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>4.</td>
<td>Formulation and strengthening of farmer producers company and FPOs</td>
<td>23-26 July 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>5.</td>
<td>Marketing and value chain management for agriculture produces.</td>
<td>19-23 August 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>6.</td>
<td>Extension strategy for linking farmers to agri-processing industries.</td>
<td>27-31 August 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>7.</td>
<td>Extension strategy for mainstreaming women in agriculture</td>
<td>03-06 September 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>8.</td>
<td>Agricultural video production for social media and web based platforms</td>
<td>09-13 September 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>9.</td>
<td>Participatory extension approaches for effective technology transfer</td>
<td>16-19 September 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>10.</td>
<td>Communication and presentation skills for effective extension management.</td>
<td>24-27 September 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>11.</td>
<td>Extension strategy for resource management input cost reduction in agriculture.</td>
<td>15-18 October 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>12.</td>
<td>Mobile based agro advisory services for better extension services</td>
<td>22-25 October, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>13.</td>
<td>Time &amp; stress management skills for better performance.</td>
<td>04-08 November 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>14.</td>
<td>Knowledge management for agriculture and allied sectors</td>
<td>13-16 November 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>15.</td>
<td>Communication skill for effective transfer of technology</td>
<td>19-22 November 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>16.</td>
<td>Time &amp; stress management for organisational effectiveness</td>
<td>02-06 December 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>17.</td>
<td>Monitoring &amp; evaluation of extension programme.</td>
<td>10-13 December 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>18.</td>
<td>Various tools for woman empowerment in agriculture and allied sectors</td>
<td>17-21 December 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>19.</td>
<td>ICTs and social media application for agriculture</td>
<td>06-10 January</td>
<td>05 days</td>
</tr>
<tr>
<td>S. No</td>
<td>Name of the courses</td>
<td>Dates</td>
<td>Duration</td>
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</tr>
<tr>
<td>1</td>
<td>Documentation, reporting and presentation skills for better organisational management.</td>
<td>14-17 May 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>2</td>
<td>Leadership and team building for vibrant extension system</td>
<td>11-15 June, 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>3</td>
<td>Entrepreneurship development through diversification in agriculture.</td>
<td>18-21 June, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>4</td>
<td>Extension strategy for mainstreaming women in agriculture</td>
<td>25-27 June, 2019</td>
<td>03 days</td>
</tr>
<tr>
<td>5</td>
<td>Integrated farming system: Issues and challenges</td>
<td>08-12 July, 2019</td>
<td>05 days</td>
</tr>
<tr>
<td>6</td>
<td>ICT enabled agriculture extension for customised services</td>
<td>06-09 August, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>7</td>
<td>Innovation in agro forestry and extension methods for technology transfer</td>
<td>28-31 August, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>S. No.</td>
<td>Name of the courses</td>
<td>Dates</td>
<td>Duration</td>
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<tr>
<td>8.</td>
<td>Use ICTs and social media for better extension services</td>
<td>03-06 September 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>9.</td>
<td>Effective use of ICTs and social media for agriculture technology transfer.</td>
<td>17-20 September, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>10.</td>
<td>Training management skills for extension professionals</td>
<td>15-18 October, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>11.</td>
<td>Motivational skills and decision making for better extension services.</td>
<td>22-25 October, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>12.</td>
<td>Entrepreneurship development through diversification in agriculture.</td>
<td>05-08 November, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>13.</td>
<td>Extension strategy for organic farming.</td>
<td>26-29 November, 2019</td>
<td>04 days</td>
</tr>
<tr>
<td>14.</td>
<td>Training Need Assessment of Client States</td>
<td>03-04 January 2020</td>
<td>02 days</td>
</tr>
<tr>
<td>15.</td>
<td>Participatory extension approaches for better extension services.</td>
<td>25-28 February, 2020</td>
<td>04 days</td>
</tr>
</tbody>
</table>

**Proposed Skill Training Courses for the Year 2019-20:**

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the courses</th>
<th>Dates</th>
<th>Duration</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dairy Entrepreneurs</td>
<td>December 2019</td>
<td>25 days</td>
<td>EEI, Nilokheri</td>
</tr>
<tr>
<td>2.</td>
<td>Extension Service Provider</td>
<td>January 2020</td>
<td>25 days</td>
<td>EEI, Nilokheri</td>
</tr>
<tr>
<td>3.</td>
<td>Nursery workers</td>
<td>February 2020</td>
<td>25 days</td>
<td>EEI, Nilokheri</td>
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<tr>
<td>4.</td>
<td>Dairy Entrepreneurs</td>
<td>March 2020</td>
<td>25 days</td>
<td>EEI, Nilokheri</td>
</tr>
</tbody>
</table>

**CONTENT FOR PROPOSED COURSE 2019-20:**
1. Work ethics and conflict management in organisations
   - Role of work ethics in organisational performance
   - Ethical norms for improving efficiency
   - Conflict management and resolving mechanisms
   - Communication skills
   - Personality development
   - Time management and discipline in work
   - Documentation
   - Use of ICTs for improving individual performance
   - Attitude change

2. Extension strategy for climate resilient agriculture
   **Contents:-**
   - Agriculture extension services: concept, need, and principals
   - Introduction to climate change
   - Impact of climate change on agriculture
   - Sustainable crop production intensification
   - Underlining principals: Management of natural biological processes
   - Climate smart approaches and practices
   - Adaptation and mitigation of climate change in agriculture and allied sectors
   - Integrated farming systems for mitigating climate change impacts
   - Climate smart package of practices for crop production
   - Climate smart animal rearing practices

3. Entrepreneurship and agri-business models in agriculture:
   **Contents:-**
   - Concept and meaning of agri-entrepreneurship
   - Skills required for entrepreneurship
   - AC&ABC scheme
   - Concept of Business planning unit and innovation centres
   - Successful cases of agripreneurs in AC&ABC
   - Agri enterprises
   - Fish faring as agri entrepreneur
   - Vegetable processing as agri-business
   - Mushroom production as agri-business
   - Bee keeping as agri-business
   - Custom Hiring centre as agri-business
   - Milk processing as agri-business
   - Poultry farming as agri-business
4. **Formulation and strengthening of farmer producers company and FPOs**

   **Contents:**
   - Concept, meaning and need of FPOs and FPCs
   - Process of formulating FPOs and FPCs
   - Functioning and management of FPOs and FPCs
   - Supporting schemes of NABARD for FPOs and FPCs
   - Suitable agri enterprises for FPOs and FPCs
   - Case study of successful FPOs and FPCs
   - Contract farming
   - Seed production and processing
   - Beekeeping and honey processing
   - Other agri business suitable for FPOs and FPCs

5. **Marketing and supply chain management for agriculture produces.**

   - Role of marketing in agriculture
   - Marketing management
   - E-NAM
   - Supply chain management: concept and methods
   - Problems in supply chain management in agri.
   - Cold chain management
   - Marketing system of agriculture commodities
   - Demand and supply of agri produce
   - Role of ICTs in supply chain management

6. **Extension strategy for linking farmers to agri-processing industries.**

   **Contents:**
   - Agriculture extension services: concept, need, and principals
   - Contract farming
   - Role of FPOs and FPCs for linking farmers with processing industries
   - Visit of food processing industries to inquire quality of raw materials
   - Visit of vegetable processing industries to inquire quality and demand of raw materials
   - Visit of meat processing industries to inquire quality and demand of raw materials
   - Supply chain management for agriculture produces

7. **Extension strategy for mainstreaming women in agriculture:**
8. Participatory extension approaches for effective technology transfer.

   Contents:-
   - Tools & techniques for effective extension
   - Participatory Rural Appraisal (PRA)
   - Rapid Rural Appraisal (RRA)
   - Participatory Learning and Action (PLA)
   - participatory Learning Methods (PALM)
   - Participatory Action Research (PAR)
   - Village Level Participatory Approach
   - Participatory Extension methods
   - Modern ICT tools for transfer of technology

   Practical
   - PRA techniques
   - Practice in using ICT tools

9. Communication and presentation skills for effective extension management.

   Contents:
   - Communication Process.
   - Interpersonal Relationship.
   - ICT for e-Communication.
   - Different type of communication media.
   - Feedback in communication
   - Communication fidelity
   - Tips for Better Communication.
   - Presentation and communication skills.
   - Public speaking

   Practical:
   - Public speaking
   - Presentation and communication skills.

10. Extension strategy for resource management and input cost reduction in agriculture.
Contents:
- Effective Extension methodology for resource management
- Resource conservation techniques: concept meaning, important & dimensions
- Communication-concept, meaning & important
- Integrated nutrient management in crops
- Soil health and management techniques
- Water management techniques
- Soil degradation and reclamation
- Fertilizer management techniques
- Integrated pest management

Practical
- Group discussion for effective communication
- Developing Resource management modules


Contents:
- Communication skills
- Time Management skills.
- Stress- Concept & Reasons.
- Interpersonal relationship & stress management.
- Conflict management
- Family Relationship & Stress.
- Stress less Leadership Style.
- Using Motivation for Combating Stress.
- Conflict management.

Practical
- Task on communication
- Conflict Management

12. Mobile based agro advisory services for better extension services

Contents:
- Extension services: concept, need, and principals
- Communication process: Role and scope in advisory services
- Agriculture advisory services: concept, need, importance
- Mobile based extension services for farmers
- mKisan portal: hands on working with portal for SMS services
- Useful agricultural mobile apps for farmers and extension workers
- You tube as extension tool for farmers
- Use of social media platforms for advisory services
- Web portals for extension services
• Audio & Video production for mobile based advisory services

13. Knowledge management for agriculture and allied sectors.
   • Knowledge management: concept, definition & process.
   • Knowledge management cycle.
   • Intrinsic & extrinsic knowledge.
   • Data mining.
   • Data management & data security.
   • Sources of agriculture knowledge.
   • Knowledge repositories.
   • Role of KM professionals.

Practical
Tasks on searching and managing agriculture knowledge.

14. Communication skill for effective transfer of technology.
   Contents:
   • Communication Process.
   • Interpersonal Relationship.
   • ICT for e-Communication.
   • Different type of communication media.
   • Feedback in communication
   • Communication fidelity
   • Tips for Better Communication.
   • Presentation and communication skills.
   • Public speaking

Practical:
• Public speaking
• Presentation and communication skills.

15. Time & stress management for organisational effectiveness

Contents:
• Management : concept, def. & process
• Communication skills
• Positive Attitude
• Time Management skills.
• Stress- Concept & Reasons.
• Interpersonal Relationship & Stress management.
• Conflict management
• Family Relationship & Stress.
• Stress less Leadership Style.
• Using Motivation for Combating Stress.

Practical
• Task on communication
• Conflict Management


Contents:
• Monitoring & evaluation – definition & concepts.
• Programme evaluation techniques
• PERT and CPM
• Time line for extension programme
• Monitoring techniques for extension projects
• Agricultural Project Formulation & Planning.
• Impact study for technology transferred
• Online monitoring tools for agriculture programme.

Practical:
• Impact study and survey methods

17. Various tools for woman empowerment in agriculture and allied sectors.

Contents:
• Role of women in agriculture
• Role of Law for Promotion of Women Empowerment-issues & challenges.
• Drudgery reducing tool for farm women
• Gender sensitization issues
• Mental & Physical Health of Women folks.
• Gender Friendly tools & Techniques.
• Domestic Violence and rules against it.
• Interpersonal Relationship.
• Women Health issues.
• Conflict Management.
• Stress management

18. ICTs and social media application for agriculture extension.

Contents:
• Role of ICTs in agriculture extension
• ICT tools for effective communication
• Communication process
• Websites and web portals for agriculture
• Mobile application for farming communities
• Role of social media in transfer of technology
• Various type of social media plate form
• Use of social media tools for agriculture extension
• Content development for farm families
• Audio and video recording for extension of agriculture technologies
• Use of ICVT for transfer of agriculture technologies
• Role of electronic and print media in agriculture extension
• ICT initiatives by government and NGOs for farming community

Practical:
• Use of ICT tools
• Use of social media platforms
• Audio and video editing
• Content development for farmers and publishing on web

19. Integrated farming system models: problems and opportunities.
• IFSM: concept, meaning, type & modules.
• Components of IFSM.
• Different modules of IFSM for small farming.
• IFS modules for big families.
• Problems & opportunity for IFSM.
• Irrigation management for IFS.
• Natural resources management for IFS.
• Dairy management in IFS.
• Economics of different IFS modules.

20. Extension of dairy processing technologies for entrepreneurship development.

Contents:-
• Extension Education: meaning, Concept, principal
• Development of Extension Talk.
• Soft skills for technology transfer in dairy extension
• Communication techniques.
• Interpersonal Relationship.
• Skill teaching methods.
• ICT in Transfer of Technology.
• Dairy product marketing skills.
• Extension Talk for dairy extension.

Practical!:-
• Planning, preparation of Extension Talk.

21. Effective management of extension activities and farmer advisory services.
• Management: Concept definition & Process.
• Event management: concept, definition, process.
  ▪ Major extension events.
  ▪ Effective management of demonstrations.
  ▪ Effective management of trainings.
  ▪ How to organise farmers fair.
  ▪ Management & organising field days.
  ▪ Organising special extension events.
  ▪ Reporting & documentation of events.

Practical:
• Event management activities.

22. Documentation, reporting and presentation skills for better organisational management.

Contents:
• Report writing – concept, planning and advantage etc.
• Management information system
• Writing and editing of documents
• Letter writing techniques.
• Script writing techniques
• Simple visual aids, importance, types, techniques of preparation and consideration if effective use.

Practical
• Document writing and editing
• Handling of MIS


Contents:
• Monitoring & evaluation – definition & concepts.
• Programme evaluation techniques
• PERT and CPM
• Time line for extension programme
• Monitoring techniques for extension projects
• Agricultural Project Formulation & Planning.
• Impact study for technology transferred
• Online monitoring tools for agriculture programme.

Practical:
• Impact study and survey methods

24. Leadership development & team building for organisational betterment.
Contents:-
- Leadership: concept, def. meaning, types.
- Quality of a good leader.
- Identification of leaders.
- Team Building.
- Extension Methods.
- Interpersonal Relationship.
- Decision Making.
- Motivation Techniques.

Practical:
- Identification of leaders.
- Decision Making.

25. Entrepreneurship development through diversification in agriculture.

Contents:-
- Entrepreneurship development meaning and concept
- Commutation skills
- Government schemes for Entrepreneurship development
- Diversification in agriculture: need & way forwarded
- Diversification towards protected cultivation
- Diversification towards mushroom production and processing
- Diversification towards Hi value crop
- Diversification for dairy processing and marketing
- Diversification for fruit and vegetable processing
- Processing and value addition of seed spices

26. Documentation, reporting and presentation skills for better organisational management.

Contents:-
- Report writing – concept, planning and advantage etc.
- Management information system
- Writing and editing of documents
- Letter writing techniques.
- Script writing techniques
- Simple visual aids, importance, types, techniques of preparation and consideration if effective use.

Practical
- Document writing and editing
- Handling of MIS

27. Leadership and team building for vibrant extension system
Contents:
- Leadership: concept, def. meaning, types.
- Quality of a good leader.
- Identification of leaders.
- Team Building.
- Extension Methods.
- Interpersonal Relationship.
- Decision Making.
- Motivation Techniques.

Practical:
- Identification of leaders.
- Decision Making.

28. Entrepreneurship development through diversification in agriculture

Contents:
- Entrepreneurship development meaning and concept
- Commutation skills
- Government schemes for Entrepreneurship development
- Diversification in agriculture : need & way forwarded
- Diversification towards protected cultivation
- Diversification towards mushroom production and processing
- Diversification towards Hi value crop
- Diversification for dairy processing and marketing
- Diversification for fruit and vegetable processing
- Processing and value addition of seed spices

29. Extension strategy for mainstreaming women in agriculture

- Decision making
- Leadership in women
- Source of domain knowledge in agriculture
- Drudgery reduction
- Gender friendly tools
- Self help groups
- Communication
- Soft skills
- Time management

30. Integrated farming system: Issues and challenges

- IFSM: concept, meaning, type & modules.
- Components of IFSM.
• Different modules of IFSM for small farming.
• IFS modules for big families.
• Problems & opportunity for IFSM.
• Irrigation management for IFS.
• Natural resources management for IFS.
• Dairy management in IFS.
• Economics of different IFS modules.

31. ICT enabled agriculture extension for customised services

Contents:
• Extension Education: meaning and its concept, process
• ICT tools and techniques
• ICT in transfer of Technology
• Social media for extension
• Cyber Extension
• Communication Process
• Techniques for effective communication
• Interpersonal Relationship
• Conflict Management

Practical:
• Hands on different ICT tools.
• Task for developing ICT contents.

32. Use ICTs and social media for better extension services

Contents:-
• Meaning, concept and use of social media in agriculture
• Various social media platforms
• Use of facebook, whatsapp, twitter, etc for farmers (e-communication).
• Communication process.
• How to prepare, record extension talk & upload on social media.
• Role of print and electronic media in transfer of technology.
• Modern ICT tools & technologies.
• Role of ICVT in agriculture.
• Video recording and editing for social media

Practical:-
• Writing on social media for farm families.
• Recording and uploading of extension talk on social media platform.
• Preparation & upload of audio & video clips of social media.

33. Effective use of ICTs and social media for agriculture technology transfer
Contents:-
- Role of ICTs in agriculture extension
- ICT tools for effective communication
- Communication process
- Websites and web portals for agriculture
- Mobile application for farming communities
- Use of social media tools for agriculture extension
- Content development for farm families
- Content publishing on web
- Audio and video recording for extension of agriculture technologies
- Use of ICVT for transfer of agriculture technologies
- Role of electronic and print media in agriculture extension
- IVRS and call centers for farming sector
- ICT initiatives by government and NGOs for farming community

Practical:
- Use of ICT tools
- Use of social media platforms
- Audio and video editing
- Content development for farmers and publishing on web

34. Training management skills for extension professionals

Contents:
- Training; Concept and its management
- Training Need Assessment.
- Training Design.
- Interpersonal Relationship in a Training Programme.
- Training Objectives formulation & qualities of suitable course content.
- Course Planning & Preparation.
- Training programme development
- Training Method.
- Handling Individual & Group Situation.

Practical:
- Training programme development

35. Entrepreneurship development through diversification in agriculture

Contents:-
- Entrepreneurship development meaning and concept
- Commutation skills
- Government schemes for Entrepreneurship development
• Diversification in agriculture: need & way forwarded
• Diversification towards protected cultivation
• Diversification towards mushroom production and processing
• Diversification towards Hi value crop
• Diversification for dairy processing and marketing
• Diversification for fruit and vegetable processing
• Processing and value addition of seed spices

36. Training Need Assessment of Client States
   • TNA- concept & need of TNA.
   • Methods of TNA.
   • TNA of extension professional of north India.
   • Development of need based training programme.

37. Participatory extension approaches for better extension services.
    Contents:-
    • Tools & techniques for effective extension
    • Participatory rural appraisal (PRA), RRA,
    • Participatory Extension methods
    • Modern ICT tools for transfer of technology
    • Participatory technology development

Practical
• PRA techniques
• Practice in using ICT tools