

The course objectives and contents of the trainings framed to be organized in the year 2021-22 follow as under:

<p>Basic Computer Course</p> <p>Objectives:</p> <ul style="list-style-type: none"> To orient & train the participants about the basic use of computers like introduction to Operating systems , different versions of MS Office and internet To Improve the skill of the participants in computer application <p>Contents</p> <ul style="list-style-type: none"> Fundamentals of computer , Operating systems & Application Main features of MS-Word : Page & paragraph formatting, bullets numbering , Auto text etc . MS – Excel –basics Power Point : creating power point , slide animation Basic Internet & E-Mail
<p>Use of ICT in Agriculture</p> <p>Objectives</p> <ul style="list-style-type: none"> To orient participants about different components of Information Communication technology and enhance their capacity in use of ICT tools for extension purposes. To update the knowledge of Extension officers to access and interpret agriculture information through use of IT and dissemination through different Information Communication Technologies. <p>Course contents</p> <ul style="list-style-type: none"> Concept need and role of ICT in agriculture Elements of communication technology Tools and techniques of cyber extension Kissan Call Center Remote sensing in Agriculture Development Role of Electronic media –T.V. Role of IT in promotion of Agricultural marketing & MIS Print media and its role in agriculture Extension Information needs of Agr. Ext and preparation of action plan
<p>Advance computer course</p> <p>Objectives</p> <ul style="list-style-type: none"> To upgrade skills of participants in advanced computer application. To make aware participants with different tools of Information & communication technology To increase efficiency in Agriculture Extension through proper use of IT <p>Contents :</p> <ul style="list-style-type: none"> MS world and MS Power Point advanced features Internet ,email website launching and maintenance CD writing , Scanning , Saving in hard disc Transfer of photographs from camera to presentations etc Software installation Anti virus and updating etc
<p>Extension Management</p> <p>Objective</p> <ul style="list-style-type: none"> To increase the technology dissemination skills of extension officers. To sensitize participants in planning of demand driven and farming System based extension program through Participatory Approaches

<ul style="list-style-type: none"> • To expose the participants to Extension reforms and new approaches . <p>Contents :</p> <ul style="list-style-type: none"> ▪ New dimensions in Agriculture Extension ▪ Participatory Approaches in Extension (need concepts and PRA tools) ▪ Effective Program planning and Introducing ASA ▪ Market led Extension and Role of extension officers ▪ Extension Approaches and Use of ICT in Agriculture Extension ▪ Farmer centered extension and role of FO,s and NGO,s ▪ Communication skills
<p>Orientation and Operationalization of modified ATMA Scheme</p> <p>Objective:-</p> <ul style="list-style-type: none"> • To orient the field level officers with Extension Reforms and the modified SSEPER scheme • To understand the role of ATMA stakeholders in extension reforms and changes thereof in modified scheme. • To upgrade the skill of participants in preparation of Extension Plan by revisiting SREP and BAP preparation <p>Contents</p> <ul style="list-style-type: none"> • Extension Reforms an Overview • Institutional and operational mechanism under Modified Ext reforms • New Roles and responsibilities of Stakeholders under modified scheme • SREP --- Concept and Content and revisiting of SREP • Identification of critical issues and major gaps of farming system • Components under SSEPER and formulation of Block Action plan
<p>Documentation of Success stories</p> <p>Objective</p> <ul style="list-style-type: none"> • To upgrade the skill of participants in identification & documentation of success stories. • To aware participants of improved farming practices / system by sharing knowledge of already generated success stories for further dissemination. <p>Content</p> <ul style="list-style-type: none"> • Concept and importance of success stories • Identification and criteria of success stories. • Steps for documentation / writing of success stories. • Success stories-sharing • Analysis of success story
<p>Entrepreneurship development For women group leaders</p> <p>Objective:</p> <ul style="list-style-type: none"> • Generating awareness in women farmers for income generating activities • Skill Development of participants in preparation of Home scale products • To promote entrepreneurship in farming community through farmers interface <p>Contents:</p> <ul style="list-style-type: none"> • Entrepreneur – concepts ,types and characteristics of a good Entrepreneur • Motivational techniques for the development of entrepreneurship • Scope of small scale entrepreneurs like Preservation of Fruits & Vegetables Agri tourism and Preparation of local recipes. • Marketing concepts , management and problems in Marketing • Role of Self Help Groups in entrepreneurship development • Participants interface with successful entrepreneur and experience sharing

Organic Farming –Production of Organic Inputs

Objectives :

- To promote organic farming Techniques and concepts
- To acknowledge the participants with prerequisites of Organic Farming
- To upgrade technical know how and skills in application of IPM & INM

Contents :

- Organic Farming in hill Agriculture: Need , Scope , limitations and strategy
- Principle , Aim and concepts of Organic Farming
- National Standards and Certification of produce .
- Major Production Technologies for shifting to Organic farming
- Organic Manures : FYM , Green Manure , Compost ,Vermicompost , Vermiwash etc
- Biofertiliser Application (Rhizobium Azotobactor PSA)
- Integrated Pest Management and Bio pesticides
- Farmers Organisation and ICS in Organic Farming

FCO-Quality control of fertilizers/Organic Inputs

Objectives :

- To promote organic farming Techniques and concepts
- To promote entrepreneurship skills and create awareness in production of Organic Inputs
- To acknowledge the participants with quality standards of Organic Farming inputs

Contents :

- Organic Farming – Need ,benefits and basic principles
- National standards of Organic farming ---
- Biodynamic Farming , Homa - farming and Agni Hotra
- Soil Fertility Management in Organic Farming
- Earthworms and Establishment of Vermi Hatchery
- Vermiwash preparation and its use
- Biofertilizers – Efficient Use and Application
- Production and Quality Parameters of Biofertilisers
- Importance and tools of IPM with reference to Organic Farming -
- Pest Management in crops by Bio Control method
- Scope Production and use of important biopesticides

Market Led Extension

Objectives:

- To understand the concept & application of Market Led Extension.
- To sensitize the participants with emerging challenges in marketing.
- To identify extension approaches for profitable marketing of produce by farmers
- To study different marketing channels and share successful marketing case studies

Contents:

- Why Market Led Extension.
- Identification and analysis of market demand for Agricultural produce
- Commodity based marketing problems and strategies to overcome the problems.

- Market intelligence & role of IT in marketing.
- Export potential of major commodities.
- Marketing channels , supply chain management etc

Commodity Interest Group and Group Mobilization

Objectives:

- To promote strategies for strengthening of farmer organizations.
- To acknowledge participants with structure and operational mechanism of FIG,s
- To review the operational mechanism of existing groups and strategies under SSEPER for farmers empowerment

Content :

- Need of farmers group for farmer empowerment.
- Group formation & institutional mechanism. Types of Groups & their bye-laws.
- Farmer organization under SSEPER and other Govt Schemes ---Achievements & Constraints.
- Group Management & their sustainability.
- Mechanism for development of linkages of farmer organizations to form associations & federations.
- Preparation of action plan for strengthening farmer organizations.

Human Resource Development Management skills

Objective :

- To increase the efficiency of extension through learning of motivational and Managerial skills by participants.
- To bring improvement in extension skills through better understanding of social and personnel behavioral aspects

Contents :

- Self awareness ,Motivation & Human Resource Development
- Attitude & Development of positive attitude
- Transactional Analysis & communication skills
- Managerial skills & Delegation ,
- Time management
- Assertiveness & Creativity
- A Systematic Approach
- Planning of Extension activities

Office Procedures and Record maintenance

Objective :

- To enhance the capability of departmental officers in office Management
- To aware participants with Conduct Rules and Financial Rules

Contents :

- Office procedures , record Keeping and maintenance of Daily Diary
- Store and stock articles & their Maintenance
- Sale proceedings , subsidy bills and cash receipts etc
- Govt money and financial Rules and preparation of Annual accounts
- Extension activities and its record keeping

Gender sensitization

Objective

- To create gender sensitivity to a broad range of gender issues related to Agriculture development
- To create awareness on gender concepts and approaches for analyzing roles needs of farm women in Agriculture
- To make understand gender concerns and fine tune the developmental programmes for gender perspective

Contents

- Gender concepts and need for sensitization
- Gender roles and responsibilities & analysis
- Need and Priorities of women and men in Agriculture and allied sector
- Programmes for women empowerment
- Strategies for mainstreaming gender concerns

ITK, s—Importance & Documentation

Objectives

- To consolidate and document the ITK,s in Agriculture
- To share experiences of farmers in application of various ITK,s and their Validation

Contents

- Concept and Importance of ITK's
- Important ITK's prevailing in different parts of state
- Verification by experiences and documentation of ITK's
- Consolidation and Process for Documentation

Farmer Led Extension – farmer school

Objectives :

- To explore the scope and areas of public private partnership in Agriculture
- To overview the experiences in Public -private extension and Farmer to farmer Extension
- To strengthen farmers participation in extension Program

Contents

- Latest trends in extension system
- Public --- Private partnership
- Private extension--- need scope approaches & apprehension
- Attitude and role performance of extension personnel for the development of professionalism to meet challenges of private extension.
- Experience sharing with private organizations on Extension activities
- Farmer's club & Extension through farmers groups organization
- Farmer school concept : scope and apprehensions

Public Private Partnership

Objectives :

- To orient on the concept of public private partnership to bring change in mind set
- To understand and share the experiences in Public -Private extension models in Agriculture for development and its processes
- To consolidate and evolve suitable Public Private partnership for specific applications in state projects
- To strengthen farmers participation in extension Program

Contents

- Latest trends in extension system
- Concept and existing models of Public Private partnership
- Private extension need scope approaches & apprehension
- Privatization of extension services, attitude and role performance of extension personnel for the development of professionalism to meet challenges of private extension.
- Experience sharing with private organizations on Extension activities
- Success stories of Public private partnership
- Farmer school concept : scope and apprehensions

HRD and Extension Skills

Objective:

- To improve the communication, extension skills and overall extension management of the participants through HRD principles.

Contents:

- Extension Education: Concept and process
- Communication Skill : major elements and their characteristics
- Extension Methods:
- ASA and planning of extension activities based on ASA
- Participatory approach
- Extension Talk: Definition, importance and planning techniques
- Skill Teaching
- Schemes and the programme of the different departments for transfer of technology
- Motivation techniques
- Time Management

Goal Setting and Motivational Skills

Objectives

- To acquaint the participants about the importance of Goals, its setting.
- Different theories of Motivation and its application.

Contents

- Self appraisal and development of positive attitude
- Goal Setting
 - Personal Goal Setting
 - Goal Setting Strategies
- Goal setting activities
- Basic principles of motivation
- Factors and development of motivational skills

- Basic Management principles and development of managerial skills
- ASA Technique for the achievement of Goals

IPM & Biocontrol

Objectives:

- To promote & create awareness about Integrated Pest Management
- Promotion of eco friendly IPM inputs like biopesticides / neem based pesticides.
- To acknowledge the participants about the various components and techniques of IPM
- Importance of bio control agents and various available commercial bio control agents
- Popularize IPM technology among farming community

Contents:

- The basic principles of IPM, its benefits.
- Components of IPM like cultural methods, chemical methods, biological methods etc
- Monitoring Methods.
 - Importance of conducting regular pest surveillance and monitoring to assess Pest/disease situation.
 - Introduction to bio control agents, the major bio control agents(BCA), parasitoids etc.
- Pest Management in crops by Bio Control method specifically in Agricultural crops
- Responsible pesticide use and the ecosystem protection

Integrated Nutrient Management

Objectives :

- To acknowledge participants with concepts of INM ,role of nutrients and their management
- To aware participants with efficient and balance application of nutrients
- To upgrade technical know how and skills in soil testing and application of Nutrients on basis of report
- To promote organic farming Techniques and concepts

Contents

- Organic Farming – Need ,benefits and basic principles
- Soil Fertility Management in Organic Farming
- Soil testing : why and sampling techniques
- Important Plant nutrients and their role in plant growth
- Balance fertilizer application and Deficiency symptoms of nutrients
- Major Organic and chemical fertilizers
- Organic manures and its preparation
- Biofertilizers and their application

Link Worker Training

Objectives:

- To promote strategies for strengthening of women farmer organizations.
- To motivate and develop leadership skills in link workers
- To aware link workers with departmental schemes and programmes of Agriculture and line departments

- To disseminate key factors of latest agriculture technology through link workers to help farming community

Content :

- Need of women farmers group for their empowerment , Group formation & dynamics of group
- Leadership qualities and Link worker,s role
- Schemes and programmes of Agriculture department
- Major technical know how to get more productivity /returns from agricultural crops
- Horticulture departmental schemes and programmes and major role of women farmers in adoption of latest technology.
- Schemes and programmes of Animal husbandry department and key role of women farmer to increase productivity in dairy sector
- Field visit to successful farmer s /groups