

**The course objectives and contents of the trainings framed to be organized :**

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

- To expose the participants to Extension reforms and new approaches .
- Contents :**

- 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

### **Orientation and Operationalization of modified ATMA Scheme**

**Objective:-**

- 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

**Contents**

- 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

### **Documentation of Success stories**

**Objective**

- 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.

**Content**

- 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

### **Entrepreneurship development For women group leaders**

**Objective:**

- 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

**Contents:**

- 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