



श्री बादल  
माननीय मंत्री  
कृषि, पशुपालन एवं सहकारिता विभाग,  
झारखण्ड



श्री हेमंत सोरेन  
माननीय मुख्यमंत्री  
झारखण्ड सरकार

# ANNUAL TRAINING CALENDAR 2023-24



State Agricultural Management and Extension Training Institute  
SAMETI, Jharkhand





**Sri Badal**  
*Minister of Agriculture*  
**Department of Agriculture,  
Animal Husbandry & Co-operative**  
Nepal House, Doranda Ranchi,  
Jharkhand - 834 002



**Sri Badal**  
*Minister of Agriculture, Jharkhand*

## MESSAGE

I am extremely happy to know that SAMETI Jharkhand is bringing to light the **Training Calendar 2023-24** to provide capacity building support in extension management and related areas for extension functionaries of public sector. SAMETI being the nodal state level training institute extend it's helping hand to increase the productivity, efficiency and increase the speed of change, positively in the field of extension management in Agriculture, Animal Husbandry, Dairy and Fisheries.

I hope this calendar would help officers of agriculture and allied sectors feel more competent and confident in their roles which ultimately help sustainable agricultural development in the state.

I wish all success for this endeavor.

**Sri Badal**

*Minister of Agriculture, Jharkhand  
Dept of Agriculture,  
Animal Husbandry & Co-operative*



**Sri Aboobacker Siddique P, IAS**

*Secretary*

**Department of Agriculture,  
Animal Husbandry & Co-operative**

Nepal House, Doranda Ranchi,

Jharkhand - 834 002



**Sri Aboobacker Siddique P, IAS**

*Secretary*



Agriculture Extension plays an important role in technology dissemination. Through vibrant extension functionaries, the valuable findings from the research institutions as well as the newer agricultural management practices can be brought down to the farmer level. Technology assessment, demonstration and capacity development programmes will ensure maximum returns from farming activities. Thus agricultural extension supports the farming community and enhances rural development.

SAMETI is the state level training institution imparting training to the agricultural extension functionaries. The **Annual Training Calendar 2023-24** has been prepared by the institute to conduct the training systematically. Hope these training programmes will help the trainees to become aware of their role in the growth of Agriculture, Animal Husbandry, Dairy and Fisheries sectors so that a vibrant economy will be evolved.

**Sri Aboobacker Siddique P, IAS**

*Secretary,*

*Department of Agriculture, Animal  
Husbandry & Co-operative,  
Government of Jharkhand*



**Sri. Chandan Kumar, I.A.S.**

*Director Agriculture*

**Directorate of Agriculture**

Krishi Bhawan, Kanke Road  
Ranchi, Jharkhand - 834 008



**Sri. Chandan Kumar, I.A.S.**

*Director Agriculture*



Agricultural Extension has a crucial role to play in the context of growing demands of agricultural production in a sustainable manner. The training programmes proposed during 2023-24 by SAMETI covers different areas of agricultural extension and management which are relevant to the prevailing situations in the state.

The **Training Calendar of SAMETI** for 2023-24 will help the Departments of Agriculture, Animal Husbandry, Dairy and fisheries sectors to streamline their HRD programmes in the future.

**Sri Chandan Kumar, I.A.S.**

*Director Agriculture*



**SAMETI, Jharkhand**  
SAMETI Bhawan, Krishi Bhawan Campus,  
Kanke Road, Ranchi, Jharkhand - 834 008



**Sri Vikash Kumar**  
*Director, SAMETI, Jharkhand*

## MESSAGE

SAMETI is a forerunner in the field of training and development in Agriculture, Animal Husbandry, Dairy and Fisheries sectors constantly seeking professional excellence in its path, there by aid in enhancing quality, productivity and sustainability in the primary production sector in Jharkhand.

To keep pace with the changing environment, SAMETI Jharkhand has been updating its visions and strategies from time to time. SAMETI Jharkhand has prepared **The Training Calendar 2023 - 24** by receiving the inputs from the training planning workshop with the participation of technical support group members, senior level officers, officers of line departments, feedback from trainees and trainers of SAMETI, similarly State level training institutes and other stakeholders of ATMA.

The annual training calendar prepared by SAMETI would help the agriculture and allied departments to plan their training programmes in advance for effective impact.

**Sri Vikash Kumar**  
*Director, SAMETI, Jharkhand*

## **SAMETI - JHARKHAND**

### **STATE AGRICULTURE MANAGEMENT & EXTENSION TRAINING INSTITUTE**

Extension plays a crucial role in increasing production and productivity in Agriculture. In view of the gap between technologies available and the technology being adopted by farmers, Government has taken steps to revamp the Agriculture Extension system of the State by integrating Central and State sector schemes to provide timely advice and support to the farmers of the state.

ATMA (Agriculture Technology Management Agency) the Centrally sponsored scheme has provided a platform for integrating similar efforts and provided support to State for the establishment of Human Resource Development Centre like SAMETI.

### **BACKGROUND INFORMATION**

SAMETI is a state level training institute established to impart training to extension functionaries of the Department of Agriculture and Allied sectors.

### **OBJECTIVES OF SAMETI**

**The Key Objectives of SAMETI are:**

- 1) To act as Nodal Agency for organization of Management & Extension Training for officers and employees of the Department of Agriculture, Animal Husbandry, Horticulture, Fishery, Sericulture and other allied departments for capacity building.
- 2) To encourage greater extension Research Linkage through participation of Scientists from KVK and ZRS within the jurisdiction of the State.
- 3) To strengthen linkage between State, National & International institutions in the field of Natural Resource Management, Dry Land Agriculture, Integrated Pest Management, Post-Harvest Techniques and Crop Management.
- 4) To provide need based and location specific training for ATMA districts in the state.
- 5) To provide consultancy services in the field of Agriculture.
- 6) To conduct applied research in frontier areas.
- 7) To publish relevant agro techniques and develop audiovisuals related to success stories.
- 8) To organize State and National level seminar and workshops on ITD components of NATP.

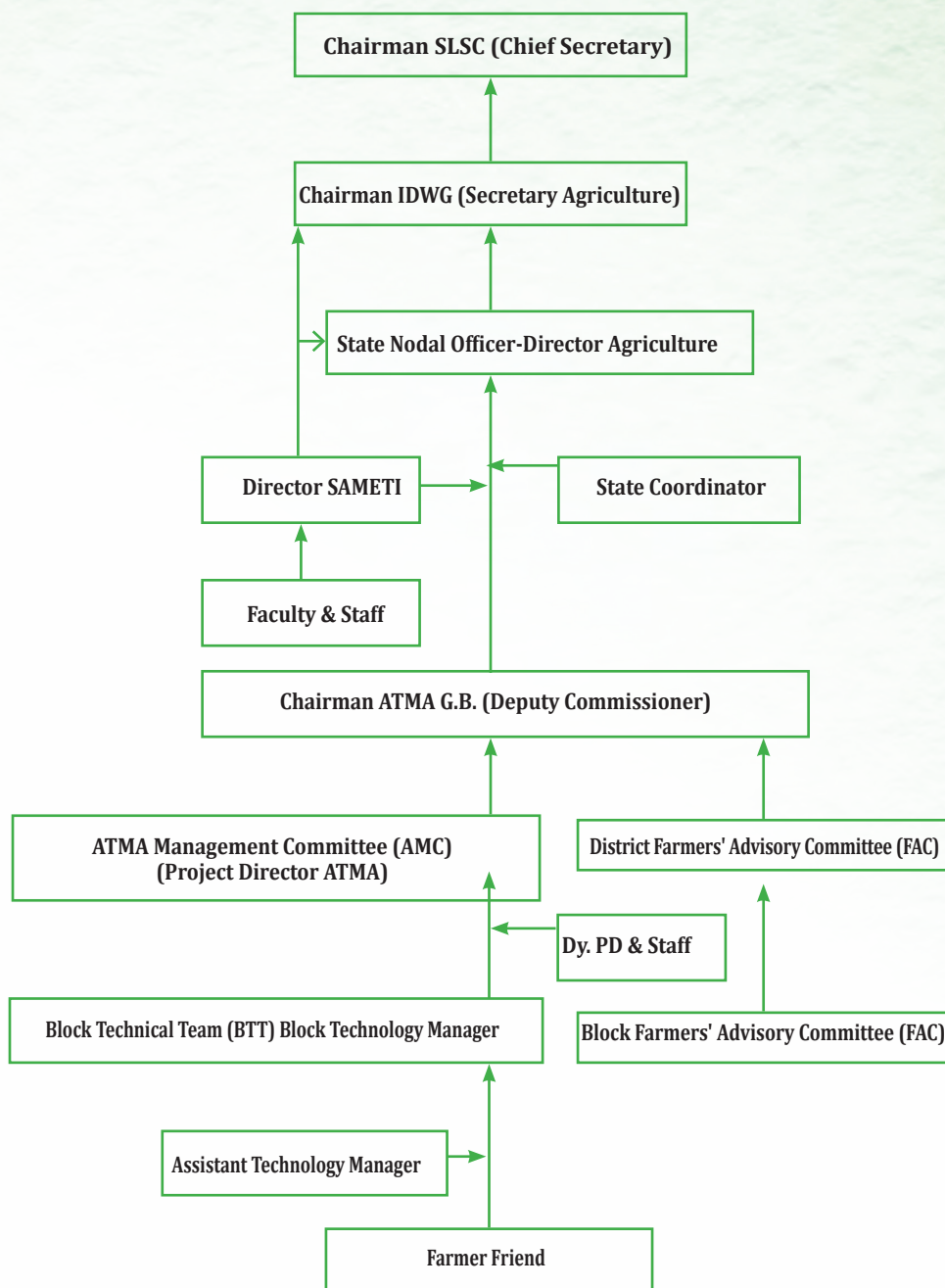
**MANDATES OF SAMETI :**

- To develop systematic linkage between State, Regional and International Institution of outstanding accomplishment in the field of Agricultural Extension Management.
- To gain insight into Agricultural Extension Management System and Policies together with problems and constraints at each step and stage.
- To identify, appreciate and develop modern management tools, techniques in problem solving approaches utilizing the mechanism of personal management, resource management, input management and finally the conflict management at the organization level.
- To develop skill on organizing need-based field programme for training and re-training of senior and field level functionaries for executing extension programme.
- To conduct programme-oriented research in the area of Agricultural Extension Management as a sequel to provide feedback to training programme. Such kind and types of research will generally be undertaken on the recommendation and issues emanating from training and vice-versa.
- To serve as repository of ideas and develop information, regional communication and documentation service etc. in regard to the subject of Agricultural Extension Management.
- To forge linkage with national and regional institution under suggested programme of institutional collaboration and employment of consultants.





## ORGANIZATIONAL STRUCTURE OF SAMETI JHARKHAND



## ABSTRACT OF TRAINING PROGRAMME FOR ACADEMIC YEAR 2023-24 BY SAMETI

Sl. No.	Programme	Participants	Date	Course Director & Coordinator
1	Mass Media Skills to Agriculture Extension	Senior and Mid-level extension functionaries	21-23 June 2023	Deputy Director (AEM) SAMETI JHARHKAND
2	Programme on Managerial Tools and Techniques in Project Management	Extension functionaries of agri. Line Dept.	03-05 July 2023	
3	Training on "Farmers Led Extension" – Concept, Potential, Models and Experiences	Mid-level extension functionaries	24-26 July 2023	
4	Effective use of ICTs and social media for technology transfer"	Extension functionaries of agri. Line Dept.	21-23 Aug 2023	
5	New Dimensions in Agricultural Marketing		09-11 Oct 2023	
6	Induction Training on SMAE/ ATMA Programme for New ATMA Functionaries	Extension functionaries of ATMA	21-23 Nov 2023	
7	Refresher course on ATMA activities	Extension functionaries of ATMA	15-17 Jan 2024	
8	Write Shop for Success Stories and News Letters	Extension functionaries of agri. & Line Dept.	05-07 Feb 2024	
9	Development and Management of Agriculture Programme for AIR, Doordarshan, Print Media and Web Portal	Extension functionaries of agri. & Line Dept.	04-06 Mar 2024	

## COLLABORATIVE TRAINING PROGRAMME FOR YEAR 2023-24 BY SAMETI WITH MANAGE, HYDERABAD & EEI, NILOKHERI

Sl. No.	Programme	Participants	Date	Course Director	Course Coordinator
1	New Dimension in Agricultural Marketing	Senior and Mid-level extension functionaries	16-18 <sup>th</sup> Jan 2024	Dr. Shalendra Dy. Director (BS) MANAGE, Hyderabad	Deputy Director (AEM) SAMETI JHARHKAND
2	Natural Farming for Sustainable Agriculture	Extension functionaries of agri. Line Dept.	04-08 <sup>th</sup> Dec, 2023	B. Renuka Rani Dy. Director (NRM) MANAGE, Hyderabad	
3	Write Shop for Success Stories and News Letters	Mid-level extension functionaries	11-15 <sup>th</sup> Sep, 2023	Dr. Srinivasacharyulu Attaluri Dy. Director (KM) MANAGE, Hyderabad	
4	Development and Management of Agriculture Programme for AIR, Doordarshan, Print Media and Web Portal	Extension functionaries of agri. Line Dept.	16-18 <sup>th</sup> Oct, 2023	Dr. Srinivasacharyulu Attaluri Dy. Director (KM) MANAGE, Hyderabad	
5	ICTs in Agricultural Marketing - Block Chain Technologies	Senior and Mid - level extension functionaries	12-14 <sup>th</sup> June, 2023	Mr. G. Bhaskar Assistant Director (IT) MANAGE, Hyderabad	

Sl. No.	Programme	Participants	Date	Course Director	Course Coordinator
6	Information Technologies for Agricultural Extension-New Concepts: Internet of Things in Agriculture; Geographical Information System, Artificial Intelligence	Extension functionaries of ATMA	25-27 <sup>th</sup> April 2023	Dr. B.S. Ghanghas Assistant Professor EEI Nilokheri, Haryana	Deputy Director (Agri. & Allied) SAMETI JHARHKAND
7	Video Production Skills for Extension	Extension functionaries of ATMA	1-3rd may 2023	Dr. Ajay Kumar Assistant Professor EEI Nilokheri, Haryana	Deputy Director (Agri. & Allied) SAMETI JHARHKAND
8	Woman Entrepreneurship	Extension functionaries of Agri & Line Dept.	10 – 12th May 2023	Dr. Satyakaam Mallik Assistant Professor EEI Nilokheri, Haryana	
9	Farmer Producer Companies/Farmer Producer Organization	Extension functionaries of Agri & Line Dept.	16-18th May 2023	Dr. Jasvinder Kaur Assistant Professor EEI Nilokheri, Haryana	
10	Leadership Skills and Management	Senior and Mid-level extension functionaries	July 2023	Dr. Anil Kumar Assistant Professor EEI Nilokheri, Haryana	

## SAMETI Trainings (2023-24)

### 1. Topic: Mass Media Skills to Agriculture Extension

<b>Venue/Webinar</b>	• SAMETI Jharkhand
<b>Date</b>	• 21-23 June, 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To orient the role of Mass Media in Agriculture Extension.</li> <li>• Develop Strategies for selection and utilization of Mass media.</li> <li>• Use of various Media viz. Electronic, Print, IT Support Media</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Concept and Role of Mass Media in Agriculture Extension.</li> <li>• Communication – Concepts Elements and Process</li> <li>• Information Communication Technology</li> <li>• Print Media/Electronic Media/General Media</li> <li>• Common Resource Centre ( Pragyan Kendra)</li> </ul>
<b>Methodology</b>	Lectures, Group Discussion, Sharing of Case studies, Practical on Writing, Press Release, Audio Video Script
<b>Participants</b>	Project Director, ATMA, District Line Department Officials, Scientist of KVK/ZRS
<b>Resource Persons</b>	Faculty, SAMETI, NGOs, Local News Papers, Pragma Kendra, District PRD
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 2. Topic: Programme on Managerial Tools and Techniques in Project Management.

<b>Venue/Webinar</b>	• SAMETI Jharkhand
<b>Dates</b>	• 03-05 July, 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To orient participants on concept and process of project</li> <li>• To develop skills in application of project management tools.</li> <li>• To improve the effectiveness and efficiency of project functionaries in managing project activities.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Introduction to Project Management.</li> <li>• Systematic Approach</li> <li>• Project aims</li> <li>• Project appraisal.</li> <li>• Project Preparation</li> <li>• Work breakdown structure.</li> <li>• Network Analysis.</li> </ul>

<b>Venue/Webinar</b>	• SAMETI Jharkhand
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Project monitoring – MIS</li> <li>• Project documentation.</li> <li>• MS Project</li> <li>• Back to Work Plan</li> </ul>
<b>Methodology</b>	Lectures, Group Discussion, Hands on Experience through Practical Session.
<b>Participants</b>	State Department functionaries or designated as Project Directors/Dy. Project Directors of ATMA at District level.
<b>Resource Persons</b>	XISS/IIM/Ranchi University, Amity University, LOGCHAIN India
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 3. Topic: Training on “Farmers Led Extension” – Concept, Potential, Models and Experiences

<b>Venue/Webinar</b>	• SAMETI Jharkhand
<b>Dates</b>	• 24-26 July, 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To understand the concept and Potential of Farmer Led Extension</li> <li>• To Discuss on Farm School, Farmers Field School, Farmers Organizations and their federations, Farmers Professor and similar farmers led extension approaches</li> <li>• To learn from Experiences of NGOs in farmers led extension</li> <li>• To expose the participants to National model in Market Led Extension- AGMARKNET.</li> <li>• To learn from case studies and experience sharing.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Farm Schools, Farmers Field School, Farmers Organizations Process documentation in development projects</li> <li>• Farmers Led Extension approaches/E-Choupal case study.</li> </ul>
<b>Methodology</b>	Methodology of the training will be participatory and experimental. This will be supplemented with lecture cum discussion and films. The participants will be facilitated to propose with action plan for application of the learning's in the back home solutions.
<b>Participants</b>	BTT/FAC/NGO representative
<b>Resource Persons</b>	Local Resource Persons From BAU/XISS/HARP
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

#### 4. Topic: Effective use of ICTs and social media for technology transfer

<b>Venue</b>	<ul style="list-style-type: none"> <li>• SAMETI, Jharkhand</li> </ul>
<b>Dates</b>	<ul style="list-style-type: none"> <li>• 21-23 Aug 2023</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To understand the concept of knowledge intelligence</li> <li>• To identify the existing sources of Agricultural knowledge</li> <li>• To identify the knowledge activities in each of the process of knowledge divide like digital divide</li> <li>• To understand successful initiatives in the process of effective knowledge management - the people, process and product</li> <li>• To understand the concept of core competency and collective capability in term of knowledge</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Useful ICTs tools and techniques for effective extension services.</li> <li>• Various types of social media platforms for agriculture extension.</li> <li>• ICTs and social media initiatives taken by government, NGO and private organizations for agriculture</li> <li>• Websites, web portals, Expert system &amp; DSS for Agriculture extension</li> <li>• Practical Activity on websites, web portals, Expert system for agriculture</li> <li>• Useful Mobile application for agriculture and allied sectors</li> <li>• Practical session on use of social media tools for extension services.</li> <li>• Role of electronic &amp; print media (mass media) in agriculture extension.</li> <li>• Video and audio editing and publishing on web.</li> <li>• Practical Session on video and audio editing, publishing.</li> <li>• Use of Google forms and m-Kisan for effective extension works.</li> <li>• Community Radio: Concept, management and advantages</li> <li>• Use and handling of Youtube for extension purpose</li> </ul>
<b>Methodology</b>	Lectures, Group Work/ Discussion & Field Visit.
<b>Participants</b>	Extension functionaries of agri. and Line Dept.
<b>Resource Persons</b>	Faculty of SAMETI, XISS, BAU, JAP-IT, BIT
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 5. Topic: New Dimensions in Agricultural Marketing

<b>Venue</b>	<ul style="list-style-type: none"> <li>• ATMA Districts</li> </ul>
<b>Dates</b>	<ul style="list-style-type: none"> <li>• 09-11 Oct 2023</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To explore the development issues related to Agriculture Marketing in the context of Past, Present and Future Scenario.</li> <li>• To learn from innovations in Agriculture Marketing and to explore the possibilities of their applications back to work place.</li> <li>• To identify certain specific issues for attention related to specific geographical situation or policy interventions</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Organic Farming- NPOF, PGS Certification</li> <li>• AGMARK Grades and Standards</li> <li>• Value Chain Focussed Enterprise Development</li> <li>• Food Chain Management in Agriculture</li> <li>• Warehouse Development and Regulation Act (WDRA)</li> <li>• Pradhan Mantri Fasal BimaYojna- PMFBY</li> </ul>
<b>Methodology</b>	Lectures, Group Work/ Discussion & Field Visit.
<b>Participants</b>	Extension functionaries of agri. and Line Dept.
<b>Resource Persons</b>	Faculty of SAMETI, XISS, BAU, Department of Animal Husbandry, E-NAM
<b>Coordinator</b>	Dy. Director (Agri. & Allied), SAMETI JHARKHAND

### 6. Topic: Induction Training on SMAE/ATMA Programme for ATMA Functionaries

<b>Venue/Webinar</b>	<ul style="list-style-type: none"> <li>• ATMA Districts</li> </ul>
<b>Dates</b>	<ul style="list-style-type: none"> <li>• 21-23 November, 2023</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To discuss with participants the core concept of Extension Reforms/ SAME</li> <li>• To reinforce the participants with SMAE scheme and clarify the roles &amp; responsibilities of different stakeholders in implementation.</li> <li>• To develop the capacity of the participants in developing &amp; operationalizing BAP &amp; DEWP.</li> <li>• To appraise the participants as to how the PPP, FIG and FOs can be promoted in the district.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Need and concept of ATMA</li> <li>• Institutional arrangement under ATMA.</li> </ul>



<b>Venue/Webinar</b>	<ul style="list-style-type: none"> <li>• ATMA Districts</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Roles &amp; Responsibilities of Stakeholders.</li> <li>• Function of GB, AMC, DFAC, BTT,BFAC, CIG</li> <li>• Revised Cafeteria of Activities.</li> <li>• Promotion of Concept of Convergence, R-E-F &amp; Farm School</li> <li>• Field Experience Sharing by Participants</li> </ul>
<b>Methodology</b>	Lectures, Group Work/ Discussion & Field Visit.
<b>Participants</b>	ATMA Extension Functionaries
<b>Resource Persons</b>	Director, SAMETI/ Faculty of SAMETI
<b>Coordinator</b>	Dy. Director (Agri. & Allied), SAMETI JHARKHAND

### 7. Topic: Refresher course on ATMA activities

<b>Venue</b>	<ul style="list-style-type: none"> <li>• ATMA Districts</li> </ul>
<b>Dates</b>	<ul style="list-style-type: none"> <li>• 15-17, January 2024</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To discuss with participants the core concept of Extension Reforms/ SMAE</li> <li>• To reinforce the participants with SMAE scheme and clarify the roles &amp; responsibilities of different stakeholders in implementation.</li> <li>• To develop the capacity of the participants in developing &amp; operationalizing BAP &amp; DEWP.</li> <li>• To appraise the participants as to how the PPP, FIG and FOs can be promoted in the district.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Need and concept of ATMA, SMAE</li> <li>• Institutional arrangement under ATMA.</li> <li>• Roles &amp; Responsibilities of Stakeholders.</li> <li>• Function of GB, AMC, DFAC, BTT,BFAC, CIG</li> <li>• Revised Cafeteria of Activities.</li> <li>• Promotion of Concept of Convergence, R-E-F &amp; Farm School</li> <li>• Field Experience Sharing by Participants</li> </ul>
<b>Methodology</b>	Lectures, Group Work/ Discussion & Field Visit.
<b>Participants</b>	ATMA Extension Functionaries
<b>Resource Persons</b>	Director, SAMETI/ Faculty of SAMETI/Agriculture University
<b>Coordinator</b>	Dy. Director (Agri. & Allied), SAMETI JHARKHAND

### 8. Topic: Write Shop for Success Stories and News Letters

<b>Venue</b>	• ATMA Districts
<b>Dates</b>	• 05-07, February 2024
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To orient the participants on the concept of documentation.</li> <li>• To appraise the participants of the value of documentation and to enhance its usability in the implementation of programmes and projects.</li> <li>• To finalize the module and material to be used for training in documentation.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Need and value of Content Creation.</li> <li>• Technical and quality parameter.</li> <li>• Content designing steps and processes of documentation.</li> <li>• Text and Audio visual documentation and direction.</li> <li>• Common Resource Center (Pragyan Kendra).</li> </ul>
<b>Methodology</b>	Lectures, Group Discussion, Sharing of case Studies, Data Collection Methodology, Writing Skills
<b>Participants</b>	ATMA and Agri. Extension Functionaries
<b>Resource Persons</b>	Director, SAMETI/ Faculty of SAMETI/Agriculture University
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 9. Topic: Development and Management of Agriculture Programme for AIR, Doordarshan, Print Media and Web portal

<b>Venue</b>	• ATMA Districts
<b>Dates</b>	• 04-06, March 2024
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Explain the role of different Media in Agricultural Extension.</li> <li>• Develop strategies for Selection &amp; Utilization of Mass Media.</li> <li>• Use various Media viz. Electronic, print, IT Supported Media etc.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Writing for Farm Families.</li> <li>• Writing Press Release.</li> <li>• Writing Audio Video Script.</li> <li>• Handling &amp; Use of Handy Cam &amp; Tape recorder.</li> <li>• Digital Photography.</li> <li>• Operation of Internet.</li> <li>• Developing Publicity Material pamphlet, Leaflet and Poster etc.</li> <li>• Kisan Call Centers in Agricultural Extension.</li> </ul>
<b>Methodology</b>	Lectures, discussion & hands on experience through practical session.
<b>Participants</b>	ATMA Extension Functionaries and Officials responsible for Communication of Information.
<b>Resource Persons</b>	Director, SAMETI/ Faculty of SAMETI/NIC/AIR/Doordarshan/Private Organization
<b>Coordinator</b>	Dy. Director (Agri. & Allied), SAMETI JHARKHAND

## Collaborative Trainings with EEI Nilokheri & MANAGE Hyderabad (2023-24)

### 1. Topic: New Dimensions in Agricultural Marketing

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	16-18 <sup>th</sup> Jan 2024
<b>Objectives</b>	<ul style="list-style-type: none"> <li>To provide information about new initiatives for increasing the income of farmers and to address the farmer's distress</li> <li>To orient the participants with new initiatives in Agricultural Marketing include e-NAM, Agriculture Produce and Livestock Act-2017, Model Contract Farming Act 2018 and collective marketing through FPOs, etc.</li> <li>To sensitize the participants with emerging challenges in marketing</li> <li>To identify innovative approaches for profitable marketing of produce by farmers</li> <li>To study different marketing channels and share successful marketing case studies</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>Market intelligence &amp; role of IT in marketing</li> <li>Export potential of major commodities</li> <li>Marketing channels, supply chain management etc</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Field Visits, Sharing of Case Studies, etc
<b>Participants</b>	Dy. Director, Senior and Mid-level extension functionaries
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 2. Topic: Natural Farming for Sustainable Agriculture

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	4-8 <sup>th</sup> Dec 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>To provide information about techniques and methods of natural farming to participants</li> <li>To create a knowledge, innovation, and entrepreneurship support system for nature-based farming through a collaborative community of different stakeholders in the society</li> <li>To focus on technology upgradation and capacity building of youth and stakeholders in natural farming</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>To acquaint the participants with the approach of developing new inputs in accordance with natural farming</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>Training on natural farming with value addition in both online and offline modes</li> </ul>

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Training on on-farm biomass recycling majorly on mulching, use of on-farm cow dung-urine formulations, periodic soil aeration</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Field Visits, Sharing of Case Studies, etc.
<b>Participants</b>	Dy. Director, Extension functionaries of agri. Line Dept.
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 3. Topic: Write Shop for Success Stories

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	11-15 <sup>th</sup> Sep 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Documentation – Writing Process, tips on writing, Editing</li> <li>• Process documentation</li> <li>• Writing success stories</li> <li>• Writing for newspapers, magazines, etc.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Documentation: Tools and techniques, researching and methods of collection of information, capturing lessons from the field</li> <li>• Techniques: interview, observation, focus group discussions</li> <li>• Process documentation in development projects</li> <li>• Success story: characteristics, components, elements</li> <li>• Writing for newspapers etc.</li> <li>• Documentations: Writing Process, tips on writing success stories</li> <li>• Using social media</li> <li>• Participants continue writing success stories</li> <li>• Documenting through case studies</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Sharing of Case Studies, etc.
<b>Participants</b>	Dy. Directors, Mid-level extension functionaries
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 4. Topic: Development and Management of Agriculture Programme for AIR, Doordarshan, Print Media and Web Portal

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	16-17 <sup>th</sup> Oct 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To spread information about agricultural development and technology using radio, print media, and television</li> </ul>

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Objectives</b>	<ul style="list-style-type: none"> <li>To develop content in regional languages and local dialects for the specific need and requirements of agricultural related programmes</li> <li>To undertake capacity building and training programmes for upgrading the knowledge of and expertise of Programme Executives/Producers of AIR/Doordarshan, Print Media, Field-level officials</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>Utilization of existing infrastructure: Infrastructure of AIR, DD &amp; Print Media is being utilized to produce, transmit &amp; print programmes covering wide spectrum of topics in agriculture and allied field</li> <li>Focus on target group: The underlying idea of the training is to develop and manage programmes related to agricultural and allied development for TV, Radio and Print Media with special focus on tribal and remote areas and other stakeholders – particularly women farmers</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Sharing of Case Studies, etc.
<b>Participants</b>	Dy. Director, Extension functionaries of agri. Line Dept.
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

#### 5. Topic: ICTs in Agricultural Marketing- Block Chain Technologies

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	12-14 <sup>th</sup> June 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>To impart knowledge about use and benefit of Block Chain Technologies which is revolutionizing the agriculture sector by enhancing the decision-making capabilities</li> <li>To identify the challenges faced in selling the farmers' produce with traditional approach of marketing</li> <li>To overcome these challenges with the application of Block Chain Technologies</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>Use of Block Chain Technology database for estimating and controlling the real supply and demand of food items</li> <li>Adoption of Block Chain for reducing financial risks and promoting inclusive trade of agricultural produce</li> <li>Use of Block Chain Technology in generating smarter market data for better decision-making with data science in agriculture</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Sharing of Case Studies, etc
<b>Participants</b>	Dy. Director, Senior and Mid – level extension functionaries
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

**6. Topic: Information Technologies for Agricultural Extension-New Concepts: Internet of Things in Agriculture (IOT); Geographical Information System (GIS), Artificial Intelligence (AI)**

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	25-27 <sup>th</sup> April 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To provide information about the latest technological innovations in the field of Agriculture. E.g., Agricultural Drones, Automated Irrigation System, Precision farming etc.</li> <li>• To provide innovative solutions for automation, efficiency, and precision in farming</li> <li>• Use of Geographical Information System (GIS) in Agriculture, Soil and irrigation water management</li> <li>• Use of Artificial Intelligence to increase agricultural efficiencies, improve crop yields and reduce food production costs</li> <li>• To sensitize the farmers about the use of latest tools and techniques in Agriculture.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Internet of Things (IOT)</li> <li>• Geographical Information System (GIS)</li> <li>• Artificial Intelligence (AI)</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Field Visits, Sharing of Case Studies, etc
<b>Participants</b>	Asst. Professor, Extension functionaries of ATMA
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

**7. Topic: Video Production Skills for Extension**

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	1-3 <sup>rd</sup> May 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To understand the use and role of Video Production in Agriculture</li> <li>• Tools and techniques of Video Production</li> <li>• Use of Video in Marketing of Products or Services</li> <li>• To know the Strengths and Weaknesses of the Video</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Sources and Types of Videos</li> <li>• Tools of Video Production</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Field Visits, Sharing of Case Studies, etc

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Participants</b>	Asst. Professor, & Extension functionaries of ATMA
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 8. Topic: Woman Entrepreneurship

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	10-12 <sup>th</sup> May 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To Promote Woman Entrepreneur in the field of Agriculture</li> <li>• To enable women entrepreneurship in farming by imparting digital &amp; financial literacy</li> <li>• Economic Benefits of Empowering Women in Agriculture</li> <li>• To Build sustainable livelihoods for rural women by woman empowerment</li> <li>• To motivate woman farmers for their increase participation in Agriculture activities.</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Woman empowerment</li> <li>• Stories of famous Indian women farmer leaders</li> <li>• Percentage share of Woman farmers in Indian Agriculture</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Field Visits, Sharing of Case Studies, etc.
<b>Participants</b>	Asst. Professor, Extension functionaries of agri. and line dept.
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 9. Topic: Farmer Producer Companies/Farmer Producer Organization

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	16-18 <sup>th</sup> May 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To understand the role and participation of FPOs in Agriculture sector</li> <li>• To equip with the account management and other related activities of FPO</li> <li>• To develop skill for governance, management and marketing of FPOs</li> <li>• To do Capacity Building of Farmers in FPOs</li> <li>• To Sensitize Implementing Agencies, State Government officials and other stakeholders to appreciate the Formation &amp; Promotion of 10000 Farmers' Producer Organizations (FPOs)</li> </ul>

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Understanding the management and governance aspects in FPOs</li> <li>• Relevance of Farmers Producer Organizations (FPOs) in the context of present agricultural scenario</li> <li>• Emerging Business Opportunities for FPOs - Agricultural Reforms, Market Access etc.</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Field Visits, Sharing of Case Studies, etc.
<b>Participants</b>	Asst. Professor, Extension functionaries of agri. and line dept.
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND

### 10. Topic: Leadership Skills and Management

<b>Venue/ Webinar</b>	Video Conferencing in collaboration with EEI Nilokheri & MANAGE Hyderabad
<b>Date</b>	July 2023
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To understand the principles and Practice of Management</li> <li>• To impart Managerial and Coordination Skills among the Farmers</li> <li>• To develop Team building and Problem-Solving strategy in Agriculture Management</li> <li>• To know the importance of Leadership skills and Management in present Agriculture scenario</li> <li>• To sensitize farmers for adopting managerial and leadership skill in their daily life</li> <li>• To study different case studies of successful Agriculture entrepreneurs</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Principles and Practice of Management</li> <li>• Delegation and Empowerment</li> <li>• Persuasion and Presentation skills</li> </ul>
<b>Methodology</b>	Lectures, Group Discussions, Field Visits, Sharing of Case Studies, etc.
<b>Participants</b>	Asst. Professor, Senior and Mid-level extension functionaries
<b>Resource Persons</b>	SAMETI Faculties, EEI Nilokheri & MANAGE Hyderabad
<b>Coordinator</b>	Dy. Director, (AEM), SAMETI JHARKHAND



## ABSTRACT OF TRAINING PROGRAMME FOR ACADEMIC YEAR 2022-23 BY SAMETI

Sl. No.	Programme	Participants	No. of Participants	Date	Course Director & Coordinator
<b>I. SAMETI</b>					
1	One Day Workshop for Call Handling Agent under Kisan Call Centre	Call Handling Agents of Kisan Call Center	20	16 Nov 2022	Deputy Director (AEM) SAMETI JHARHKAND
2	Facilitator Development Workshop for DAESI Facilitator and Dy. Project Director ATMA under Agriculture Extension	DAESI Facilitators and Dy. Project Directors of ATMA Districts	35	30 Nov 2022	
<b>II. Collaborative Training with EEI Nilokheri &amp; MANAGE Hyderabad</b>					
1	Participatory extension approaches for extension functionaries	Extension functionaries of agri. & Line Dept.	73	27-29 March 2023	Deputy Director (Agri. & Allied) SAMETI JHARHKAND
2	Formation and Management of Farmer Producer Companies	Extension functionaries of agri. & Line Dept.	91	22-25 Feb 2023	
3	ICTs in Agriculture Marketing-Block Chain Technologies	Extension functionaries of agri. & Line Dept.	71	05-07 Dec 2022	Deputy Director (AEM) SAMETI JHARHKAND
4	Strategies to Improve the Performance of Officers Involved in Soil Health Card Scheme	Mid-level extension functionaries	88	20-22 July 2022	
5	Natural Farming Trainings for Gram Pradhans	Gram Pradhans	10160	04-10 July 2022	
6	New Dimensions in Agricultural Sector Extension	Extension functionaries of agri. Line Dept.	72	27-29 June 2022	

## Trainings/Workshops Organized By SAMETI, Jharkhand During Year 2022-23

### 1. Topic: One Day Workshop for Call Handling Agent Under Kisan Call Centre

- **Duration: 01 DAY (16 Nov 2022)**

Timing	Topic	Expert Speaker & Designation
09.00 am	<b>Registration of Participants</b>	Shri Ajay Kumar Singh Director, SAMETI Jharkhand
9.30 am	Inaugural Session	
	<b>Technical Session</b>	
9.45 am	Uses and Benefits of Kisan Call Center	Dr. R.P. Singh Ratan Ex. Director Extension Education, BAU, Ranchi
12.00 pm	<b>Tea Break</b>	
12.05 pm	Importance of Local Language in Kisan Call Center	Abhishek Tirkey Faculty(AEM), SAMETI Jharkhand
01.30 pm	<b>Lunch Break</b>	
02.00 pm	Discussion about various schemes related to Department (Agri. & Horti.)	Smt. Nikhat Praveen Assistant Director (Horti.) JDA Office, Ranchi
3.30 pm	<b>Tea Break</b>	
3.35 pm	Importance of Information Technology in Kisan Call Center	Shri Suraj Kumar Sinha IKSL, Ranchi
4.20 pm	Discussion about various schemes related to Department (Agri.)	Shri. Santosh Kumar Dy. Director (Planning) Directorate of Agriculture, Ranchi
5.00 pm	Questioning Session	
	Conclusion and Closing of Programme	

### 2. Topic: Facilitator Development Workshop for DAESI Facilitator and Dy. Project Director ATMA under Agriculture Extension

- **Duration: 01 DAY (30 Nov 2022)**

Timing	Topic	Expert Speaker & Designation
10.00 am	<b>Registration of Participants</b>	
10.30 am	Inaugural Session	Shri Ajay Kumar Singh Director, SAMETI Jharkhand
	<b>Technical Session</b>	
10.45 am	Overview on Agricultural Extension System in Jharkhand	Abhishek Tirkey Faculty (AEM), SAMETI Jharkhand

Timing	Topic	Expert Speaker & Designation
12.30 pm	Physical and Financial Progress and Issues- Agriculture extension, DAESI, STRY	Abhishek Tirkey Faculty (AEM), SAMETI Jharkhand
01.30 pm	<b>Lunch Break</b>	
02.00 pm	Discussion on Pending issues related to DAESI Programme	Ajay Kumar Singh Director, SAMETI Jharkkhand
3.30 pm	<b>Tea Break</b>	
3.35 pm	Discussion about various Agriculture related Activities being conducted by Various Districts	Ajay Kumar Singh Director, SAMETI Jharkkhand
4.30 pm	Questioning Session	
5.00 pm	Conclusion and Closing of Programme	

### 3. Topic: Participatory extension approaches for extension functionaries (In Collaboration with EEI, Nilokheri, Haryana)

- **Duration: 03 DAYS (27-29 March 2023)**

#### TRAINING SCHEDULE

TIME	TOPIC	EXPERT DETAILS
<b>27.03.2023</b>		
10:00-10:30AM	Inauguration of Training	Shri Ajay Kumar Singh Director, SAMETI Jharkhand
11:00-12:30AM	Reorientation of Extension Approaches	Dr. B.S. Ghanghas Faculty, EEI, Nilokheri
02:30-04:00PM	Media Skills for Extension Functionaries	Dr. Ajay Kumar Faculty, EEI, Nilokheri
<b>28.03.2023</b>		
10:00-10:30AM	Recall Session	Course Director
10:30-12:00PM	PRA Techniques	Dr. Jasvinder Kaur Faculty, EEI, Nilokheri
12:00-01:30PM	Interpersonal Relationship	Dr. Satyakaam Malik Faculty, EEI, Nilokheri
02:30-04:00PM	Colours for Communication	Dr. A. K. Rohila Faculty, EEI, Nilokheri
<b>29.03.2023</b>		
10:00-10:30AM	Recall Session	Dr. A. K. Rohila Course Director
10:30-12:00PM	Extension Strategies for Extension Workers	Mr. Abhishek Tirkey Faculty (AEM), SAMETI, Ranchi

TIME	TOPIC	EXPERT DETAILS
12:00-01:30PM	ICT Application in Agriculture Sector	Dr. S.R.Verma Assistant Professor CCSAU, Kaul, Haryana
02:30-04:00PM	Feedback and Valedictory Function	

#### 4. Topic: Formation and Management of Farmer Producer Companies (In Collaboration with MANAGE, Hyderabad)

- **Duration: 04 DAYS (22-25 Feb 2023)**

#### PROGRAMME SCHEDULE

##### Day 1: Wednesday – 22/02/2023

Time	Topic	Resource Person
10:00– 10:10	Welcome and Briefing of the Training Programme	Abhishek Tirkey Faculty, SAMETI, Ranchi
10:10 – 10.15	Address by MANAGE Coordinator	Dr. K.C.Gummagolmath Director (M&E), MANAGE, Hyderabad
10:15 – 10.30	Address by Director SAMETI, Jharkhand	Director, SAMETI, Ranchi
10.30 – 12.00	An Overview on Farmers Producer Organization (FPO): Issues and Challenges in Formation, Management and Implementation	Dr. B. K. Jha BAU Ranchi
12.00 – 01.30	Business Opportunities in Horticulture and Agriculture for Farmer Producer Organizations	Sri. Alok Pandey Zenesis Agrosience and Consulting Pvt. Ltd.
	Break	
02:30 – 04:00	Development of Business Plans for FPOs	Sri. Alok Pandey Zenesis Agrosience and Consulting Pvt. Ltd.

##### Day 2: Thursday – 23/02/2023

Time	Topic	Resource Person
10.30 – 12.00	Strategies or Approaches to Link FPOs with Market- A Case of E-NAM	Sri Rakesh Kumar Singh Nodal Officer E-NAM
12.00 – 01.30	Extension Strategies for Sustainable Development of FPOs	Rahul Kr. Singh Team Coordinator, PRADAN
	Break	
02:30 – 04:00	Government Initiates and Policies for Promotion of FPOs	Dr. B. K. Jha BAU Ranchi

##### Day 3: Friday – 24/02/2023

Time	Topic	Resource Person
10.30 – 12.00	Role and Support of NABARD in Promoting FPOs	Rahul Kr. Singh Team Coordinator, PRADAN
12.00 – 01.30	Role of FPOs in Linking Farmers to Market	Rahul Kr. Singh Team Coordinator, PRADAN
	Break	
02:30 – 04:00	Linking Youth to FPOs for Entrepreneurship in Agriculture Sector	Dr. R.P. Singh Ratan Ex. Director Extension, BAU, Ranchi

#### Day 4: Saturday – 25/02/2023

Time	Topic	Resource Person
10.30 – 12.00	Formation and Management of FPOs	Smt. Nikhat Parveen Dept. of Ag. AH & Coperative
12.00 – 01.30	Case Studies of FPOs	Smt. Sukriti Jena Lahani Institute of Multiple Skills
	Break	
02:00 – 02:30	Feedback, Valedictory and Closing	

#### 5. Topic: ICTs in Agriculture Marketing-Block Chain Technologies (In Collaboration with MANAGE, Hyderabad)

- **Duration: 03 DAYS (05-07 Dec 2022 )**

#### PROGRAMME SCHEDULE

#### Day 1: Monday – 05/12/2022

Time	TOPIC	Speaker
10:00 – 10:10	Welcome and brief of the training programme	Abhishek Tirkey Faculty, SAMETI, Ranchi
10:10 – 10:15	Address by MANAGE Coordinator	G. Bhaskar SG. Asst. Director (IT)
10:15 – 10:30	Address by Director SAMETI, Jharkhand	Director, SAMETI
10.30 – 12.00	Importance of ICT Applications in Agricultural Development	Dr. B.K. Jha Assistant Prof. BAU Ranchi
12.00 – 01.00	Marketing Information Network (AGMARKNET) initiative by GoI.	Dr. B.K. Jha Assistant Prof. BAU Ranchi
	BREAK	
02:30 – 03:30	Electronic Trading of Agriculture Commodities with special reference to e-NAM	Dr. Amitava Akuli Joint Director, C-DAC, Kolkatta
03:30 – 04:30	Scope and Importance of e-Commerce with special reference to NCDEX and MCX	Sri Niraj Shukla AVP, NLD Ex. Mumbai

**Day 2: Tuesday – 06/12/2022**

Time	TOPIC	Speaker
10.30 – 12.00	Importance and Application of AI/ML in Agriculture	Shri Ritesh Mukherjee Associate Director, C-DAC, Kolkata
12.00 – 01.00	Application of Big Data in Agriculture	Shri Ritesh Mukherjee Associate Director, C-DAC, Kolkata
	BREAK	
02:30 – 03:30	Emerging Technologies – Block Chain Technologies in Agricultural Marketing	D. Basak Coal Kolkatta
03:30 – 04:30	Block Chain Technologies – Startup initiatives	Sri Karunesh Arora CDAC, Noida

**Day 3: Wednesday – 07/12/2022**

Time	TOPIC	Speaker
10.30 – 12.00	Artificial intelligence (AI) and Block Chain Technology based smart Agriculture marketing	Jaider Pati IIIT, Ranchi
12.00 – 01.00	Digital advances in Agriculture	Shri G. Bhaskar SG. Asst. Director (IT) MANAGE
	BREAK	
02:00 – 02:30	FEEDBACK, VALIDICTORY AND CLOSE	

**6. Topic: Strategies to Improve the Performance of Officers Involved in Soil Health Card Scheme (In Collaboration with MANAGE, Hyderabad)**

- Duration: 03 DAYS (20-22 July 2022)**

**PROGRAM SCHEDULE**

Sl. No.	Date	Time	Topic	Expert Speaker & Designation
<b>Day 1: 20-07-2022</b>				
	20-07-2022	10.30am-11.25am	Inauguration & Course Briefing	
	20-07-2022	11.30am-1.00pm	“Empowering Farmers through Soil Health Card Scheme”	Dr. R. P. Singh ‘Ratan’ Ex. Director Extension BAU, Ranchi
<b>Lunch break</b>				

Sl. No.	Date	Time	Topic	Expert Speaker & Designation
	20-07-2022	2.00pm-3.30pm	Need & importance of Soil Health Card Scheme	Shri Ajay Kumar Singh, Director SAMETI/ Abhishek Tirkey Faculty, AEM, SAMETI, Jharkhand
	20-07-2022	3.30pm-5.00pm	An overview of soil health management for enhancing productivity & ensuring food security	Dr. Prabhakar Mahapatra Assistant Professor cum Junior Scientist, BAU, Ranchi
<b>Day 2: 21-07-2022</b>				
	21-07-2022	10.00am-11.30am	Interpretation of soil health card and nutrient recommendation strategy	Dr. Sudhir Jha, Scientist (Soil Science) KVK Garhwa
7.	21-07-2022	11.30am-1.00pm	Sharing of Field Experiences with regards to soil health card	Dr. R.K. Singh Head-cum-Senior Scientist, KVK, Chatra, Ranchi
<b>Lunch break</b>				
8.	21-07-2022	2.00pm-3.00pm	Best Management practices for soil health	Dr. Arvind Kumar Assistant Professor cum Junior Scientist, BAU, Ranchi
9.	21-07-2022	3.00pm-4.00pm	Orientation on Soil Health Card Portal	Satya Prakash Assistant Soil Chemist, Soil Testing Laboratory, Ranchi
10.	21-07-2022	4.00pm-5.00pm	Nutrient Management Practices In Organic Farming	Alok Kumar Pandey Zenesis Pvt. Ltd.
<b>Day 3: 22-07-2022</b>				
10.	22-07-2022	10.00am-11.30 am	Soil testing and fertilizer recommendation	Dr. A.K. Jha Head-cum-Senior Scientist, KVK, Sahebganj

Sl. No.	Date	Time	Topic	Expert Speaker & Designation
11.	22-07-2022	11.30am-1.00pm	To understand the methodology of Soil Testing.	Dr. Ajit Singh, Head and Senior Scientist, Divyayan Krishi Vigyan Kendra, Morabadi, Ranchi
<b>Lunch break</b>				
12.	22-07-2022	2.00pm-3.30pm	Approaches for the extension of Soil health Card	Mahesh Jerai Scientist, KVK Latehar
13.	22-07-2022	3.30pm-5.00pm	Extension Strategies to improve the performance of Officers in Soil Health Card Scheme	Dr. P.L. Manohari MANAGE, Hyderabad
14.	22-07-2022	5.00pm -5.15pm	Participants Feedback	
15.	22-07-2022	5.15pm -5.45pm	Course Exam (Online)	
16.	22-07-2022	5.45pm -6.00pm	Valedictory Function	

**7. Topic: Natural Farming Trainings for Gram Pradhans (In Collaboration with MANAGE, Hyderabad)**

- Duration: 11 DAYS (04-14 July 2022)**

**PROGRAM SCHEDULE**

Sl. No.	District	Date of programme	Timing of programme		Name of NTI	Contact number of Facilitator (PD/Dy. P D ATMA)
			Forenoon	Afternoon		
1	2	3	4	5	6	7
1	Bokaro	04-05 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Bokaro	Sri Rajan Mishra 8709109381 9430130021
2	Chatra	04-10 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Chatra	Sri Rajesh Kumar Singh 7004374167
3	Deoghar	04-07 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Deoghar	Sri Mantu Kumar 7870248396 8789843767
4	Dhanbad	04-05 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Dhanbad	Sri Anup Manish Lakra 9905160958



Sl. No.	District	Date of programme	Timing of programme		Name of NTI	Contact number of Facilitator (PD/Dy. P D ATMA)
			Forenoon	Afternoon		
1	2	3	4	5	6	7
5	Dumka	04-14 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Dumka	Sri Sanjay Kumar Mandal 7903688345 9939626689
6	East Singhbhum	04-11 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA East Singhbhum	Miss Geeta Kumari 9934174702
7	Garhwa	04 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Garhwa	Sri Yogendra Singh 9570179656
8	Giridih	04-05 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Giridih	Sri Ramesh 8873220471 8789749726
9	Godda	04-08 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Godda	Sri Rakesh Kumar Singh 7542989326 8825307914
10	Gumla	04-08 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Gumla	Sri Mohit Kumar Singh 7761994451
11	Hazaribagh	04-05 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Hazaribagh	Sri Anuranjan 8709239201 9431903511
12	Jamtara	04-06 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Jamtara	Md Samsuddin Ansari 7992234027 8873056766
13	Khunti	04-07 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Khunti	Sri Amresh Kumar 7004978245 9905128309
14	Koderma	04 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Koderma	Sri Pramod Kumar 9934159474
15	Latehar	04-06 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Latehar	Sri Saptami Kumar Jha 7543903898 9431715410
16	Lohardaga	04-05 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Lohardaga	Mrs Tripti Tirkey 7759960096 7781975197
17	Pakur	04-07 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Pakur	Sri Arvind Kumar Rai 7979939464 9572360077

Sl. No.	District	Date of programme	Timing of programme		Name of NTI	Contact number of Facilitator (PD/Dy. P D ATMA)
			Forenoon	Afternoon		
1	2	3	4	5	6	7
18	Palamau	04-05 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Palamau	Sri Praveen Raj 9931877517
19	Ramgarh	04 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Ramgarh	Sri Dinesh Kumar Rajwar 7781927933
20	Ranchi	04-09 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Ranchi	Sri Sanjay Kumar Singh 9835325158 8340517424
21	Sahibganj	04-08 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Sahibganj	Sri Ajay Puri 8409693404
22	Seraikella	04-07 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Seraikella	Sri Vijay Kumar Singh 9431970068 7004138117
23	Simdega	04-06 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA Simdega	Sri Kumar Saurav 7978959043 8280529748
24	West Singhbhum	04-11 July 2022	9.00 AM-11.00 AM	3.00 PM-5.00 PM	ATMA West Singhbhum	Sri Rajeev Ranjan 7484048090

### 3. Topic: New Dimensions in Agricultural Sector Extension (In Collaboration with MANAGE, Hyderabad)

- **Duration: 03 DAYS (27-29 June 2022)**

#### PROGRAM SCHEDULE

Sl. No.	Date	Time	Topic	Expert Speaker & Designation
<b>Day 1: 27-06-2022</b>				
1.	27-06-2022	10.30am-11.25am	Inauguration & Course Briefing	
	27-06-2022	11.30am-1.00pm	New Dimensions in Agricultural Extension	Dr. B. K. Jha Assistant Prof. BAU, Ranchi 9430393445
<b>Lunch break</b>				
	27-06-2022	2.00pm-3.30pm	Changing Agricultural Scenario in Jharkhand	Dr. R.P. Singh Ratan Former Director Extension Education, BAU, Ranchi 9431594093

Sl. No.	Date	Time	Topic	Expert Speaker & Designation
	27-06-2022	3.30pm-5.00pm	Overview & Status of Fisheries Extension in the country	Dr. Sushrirekha Das MANAGE Fellow, MANAGE, Hyderabad
<b>Day 2: 28-06-2022</b>				
	28-06-2022	10.00am-11.30pm	Role and Potential of ICT in Aquaculture for Rural Development	Dr. Sushrirekha Das MANAGE Fellow, MANAGE, Hyderabad
7.	28-06-2022	11.30pm-1.00pm	Extension strategy for promotion of Rural livelihood	Mr. Ved Prakash (JTDS) Programme Officer, Ranchi 9955174356
<b>Lunch break</b>				
8.	28-06-2022	2.00pm-3.00pm	PublicPrivatePartnership Models in Agri. Extension in Jharkhand	Dr. K. Singh Scientist, KVK Seraikella 9431581707
9.	28-06-2022	3.00pm-4.00pm	Role of farmer producer organizations (FPOs) in strengthening sustainable food systems	Mr. Alok Pandey Founder, Zenesis Agro 8800609343
10.	28-06-2022	4.00pm-5.00pm	National Agricultural Policy and Policy Framework for Agriculture Extension	Dr. Subhash Singh Director, SAMETI/ Mr. Abhishek Tirkey Faculty, AEM, SAMETI Jharkhand
<b>Day 3: 29-06-2022</b>				
10.	29-06-2022	10.00am-11.30noon	Enterpreneurship Development and Innovations in IT Sector	Dr. B. K. Jha Asst. Prof. BAU, Ranchi 9430393445
11.	29-06-2022	11.30 pm-1.00pm	Decentralized Decision making and farmer driven extension	Dr. K. Singh Scientist, KVK Seraikella 9431581707
<b>Lunch break</b>				
12.	29-06-2022	2.00pm-3.30pm	Innovations in Agricultural Extension and MANAGE Initiatives	Dr. Shahaji Phand Centre Head, MANAGE, Hyderabad
13.	29-06-2022	3.30pm-5.00pm	New measures in epidemic control in animal husbandry sectors	Dr. S. Sarkar Dept. of Animal Husbandry, Jharkhand 9934177145
14.	29-06-2022	5.00pm-5.15pm	Participants Feedback	
15.	29-06-2022	5.15pm-5.45pm	Course Exam (Online)	
16.	29-06-2022	5.45pm-6.00pm	Valedictory Function	

### SAMETI FACULTY

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