

Vision is our Mission

*a report on activities
under Extension Reforms in Tripura*



*Tripura State Agriculture Management & Extension Training
Institute, (T-SAMETI), Lembucherra*

Vision is Our Mission

a comprehensive report on
activities of
T-SAMETI & ATMAs in
implementation of Extension Reform Programmes
in Tripura

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Preface

Accountability is the first parameter for any individual or organization to move towards its goal in the development process. Tripura State Agriculture Management & Extension Training Institute is pioneer in establishing a strong extension mechanism in the state, to address farmers need and committed to render services for fulfillment of peoples expectation.

The Institute is working since 2007 with support from others and has already gained peoples trust and belief in setting a structure and mechanism in addressing farmers need along with ATMA's. A no of activities attempted in this direction with support from the state plan scheme as well as 'Support to State Extension Programme for Extension Reforms' a centrally sponsored scheme for extension reforms.

Publication of *Vision is Our Mission*, a report that has been made for the first time since, inception of Extension Reforms Programme, in Tripura, to reflect a comprehensive account of the various activities in the state along with ATMA districts. Though, we felt few constraints, initially, to conceptualize the new mechanism to address farmers need, but in course of time, we have been able to overcome the constraints with continuous effort and commitment.

Our sincere, thanks to the respective Project Director of ATMA and his team member to extend their sincere support and cooperation for providing information and documents. In this Endeavour, it is also our pleasure to express deep sense of gratitude to the State Nodal Cell for their continuous encouragement, guidance, valuable advice to with hold such an attempt.

T-SAMETI, expresses, great concern to those who has contributed a lot, to make the effort visible, keeping themselves behind the screen,

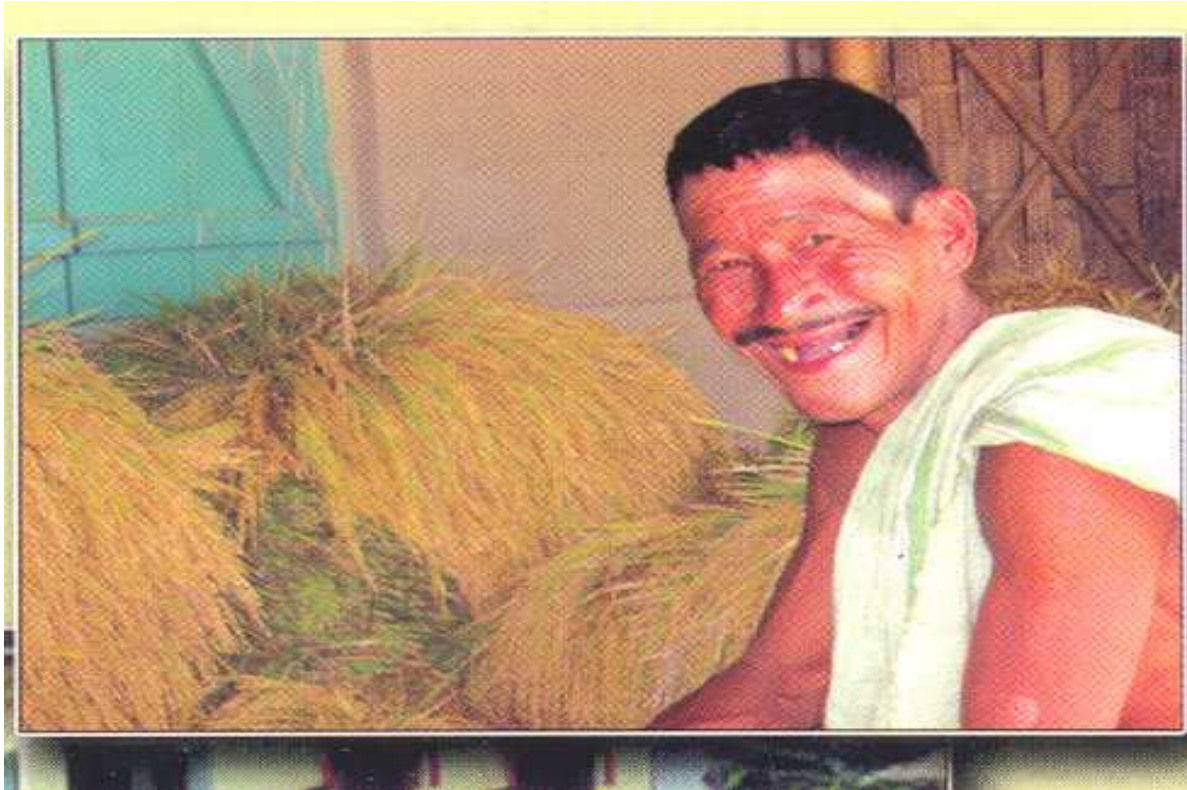
The report will help all the key actors, in strengthening self esteem and courage for the successful areas and perceiving their roles and responsibilities in developing a positive attitude towards the *Mission*, is our belief.

(Sri N. Chakma)
Director, T-SAMETI

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Our Vision & Mission



Vision-

A smile of satisfaction and happiness on the face of every farm family .

Mission-

Rendering relentless services in Capacity building of each farm family in problem solving and decision making towards farm and home development.

OUR MANDATE

- **CAPACITY BUILDING OF STAKEHOLDERS IN SUPPORTING FARMING COMMUNITY**
- **TO ESTABLISH A WELL STRUCTURED EXTENSION MECHANISM**
- **TO FACILITATE IN UNDERSTANDING ROLE OF EXTENSION WORKERS.**
- **DEVELOPING AND PROMOTING APPLICATION OF MODERN MANAGEMENT TOOLS FOR IMPROVING EFFECTIVE AGRICULTURAL EXTENSION MECHANISM**
- **DEVELOPING STRATEGIES IN IDENTIFICATION OF FARMERS NEED.**
- **NETWORKING WITH RELEVANT NATIONAL, STATE , DISTRICT LEVEL INSTITUTIONS**
- **DEVELOPING COURSE CURRICULUM AND ORGANIZING TRAINING/ WORKSHOP**
- **FACILITATOR'S DEVELOPMENT**
- **CONSULTANCY AND STUDIES FOR ATMAs.**

INTRODUCTION

The Government of India, Ministry of Agriculture has developed a broad Policy Framework for Agriculture Extension (PFAE) aiming at empowering the farmers and strengthening the agricultural extension system with a greater emphasis on extension reforms. The reform initiatives highlighted in the PFAE have also been pilot tested under the Innovations in Technology Dissemination(ITD) component of the World Bank funded National Agricultural Technology Project(NATP). The project has made significant impact particularly with respect to adoption of participatory approaches towards planning and implementation of extension programmes, convergences of line departments' programmes, moving towards integrated extension delivery, innovative decentralized institutional arrangements, private sector participations, ICT augmentation, group mobilization etc.

In order to provide a decentralized and demand driven extension mechanism based on reform initiatives indicated in the PFAE and the experiences under the ITD component of NATP , a new scheme on " Support to State Extension Programme for Extension Reforms" has been proposed by the Ministry during Xth Plan covering 252 district in the country.

Implementation of the scheme was started in two district of Tripura viz. North Tripura and South Tripura district, initially. Subsequently, the scheme launched in two other district viz. Dhalai and West Tripura from the year 2008-09.

Though the scheme was launched from the year 2005-06, but ,the execution in the state has been started from the year 2007-08 after placement of fund,. Programmes, like infrastructural development at district /state level, formation of different bodies/ sensitization of stakeholders/ preparation of SREP for two district were the initial task performed under the scheme. Subsequently, extension programmes like Demonstration, Training, Expo. Visit, Field day, Farmers development fair, ITK, Success story etc has been implemented from the year 2008-09.

Annual Report, is an attempt to put an account of those programmes/ activities with outcome obtained so far in empowerment of farming community of the state.

Experiences

that builds up our

faith and belief –

- More than 5000 FIGs/ CIGs/ WFG have come out, registered , started working on different agri. and allied enterprises.
- Area of water melon crop increasing in Padmabil, a interior tribal village under West Tripura ATMA district seeing the demonstration and attending Farm School.
- Requirement of animal fodder which is least cared till now is getting popularity after attendance in Field day, Farm School, Expo. Visit.
- New entrepreneurship is developing for cultivation of Cheetal/ Prawn fish in Dhalai , West, and South Tripura ATMA district after attending Field day, Demonstration, training. success story.
- Patal a commercial vegetable has been introduced for commercial cultivation in Dhalai ATMA district through Farm School/ Farmer-Scientist Interaction.
- Area under commercial cultivation of flower increased in Nutannagar area under West Tripura ATMA district after seeing demonstration, attending Field Day, Farm School, Expo. Visit .
- Mustard an oilseed crop given up earlier is getting popularity once again at Baikhora region under South Tripura ATMA district after seeing demonstration and attending Field Day.
- Clinical services are being provided at sub centre in Bishalgarh and Jampuijala block under West Tripura ATMA district visualizing importance and acceptability of Agro. Polyclinic, an innovative idea by T-SAMETI.
- Extension personnel are using proper tools in organizing training programme and designing course on Training Need Assessment after attending Trainers Training course at T-SAMETI.
- Farm Journalist and Media person are covering more farmers oriented agricultural information through Print/ electronic media after attending workshop at T-SAMETI.
- Input dealers could develop an attitude and helping farmers in selection of recommended pesticides and other agri inputs after attending training course at T-SAMETI.
- Adoption of local technology for tomato preservation (ITK) developed and documented from Rajnagar of South Tripura ATMA district is getting popularity in other tomato growing areas after seeing technology Package through electronic media.
- *T-SAMETI is an excellent institute with its present resources and faculties- IGNOU is very much interested to organize more programme in collaboration with T-SAMETI in future—Prof. B. Hansra, while attending a training programme organized by IGNOU at T-SAMETI during 2009and IGNOU Regional centre, Agartala has organized three programmes subsequently.*
- *The faculties of T-SAMETI are excellent and appropriate to run and manage an extension management institute with present context. Prof. Neog, EEI Jorhat while attending a class for PGDAEM and subsequently organized for programme in joint collaboration with TSAMETI.*
- It has been an amazing experience to see the tiny state of India. The faculties of T-SAMETI are making all out efforts to strengthen the functioning of the institute. I wish the institution to flourish for serving the cause of farmers in the years to come. Dr. Jagbir Singh, Sr. Consultant, MANAGE, Hyderabad, while visiting as a facilitator for workshop during Nov.2009.

and many more.....

It may seem little but, single droplet Makes Ocean, we do believe. It was not easy and smooth but our sincerity and commitment to the farming community, well wishes and support from different department and institutes encouraged us to perform some task that is our activities. Account of those activities is given in the following chapters.

ACTIVITIES

- *an Overview*

- **ESTABLISHMENT & INFRASTRUCTURE**
- **DEVELOPING PEOPLES PLAN**
- **HRD PROGRAMMES**
- **TECHNOLOGY DISSEMINATION**
- **RECOGNITIONS & REWARDS**
- **SUCCESS STORY AND ITK**
- **INNOVATIVE ACTIVITY**
- **INFORMATION AND COMMUNICATION**
- **WOMEN EMPOWERMENT**
- **PUBLICATION**
- **OUR COMPANION**

CHAPTER - I

INSTITUTIONALISATION AND INFRASTRUCTURAL DEVELOPMENT –

The key reforms in line with PFAE have envisaged on promotion of institutional arrangement and provision has also been made in cafeteria of activities. The state has taken the following steps in establishment of ATMA like institute to operate the process reforms and strengthening delivery mechanism with support from the scheme-

Declaration and establishment of State Nodal Cell-

To implement / operate and convergence with line department a Cell has been declared and established at Agri. Directorate, Krishi Bhavan, Tripura. The director, Agriculture has been notified as State Nodal Officer along with one State Coordinator and one State Prog. Coordinator.

Notification of different working bodies-

IDWG/ Executive Council of SAMETI at state level, GB / AMC at district level/ FAC/ BTT at block level has been notified and made functional for the whole state comprising four ATMA district.

Establishment of ATMA-

Two nos of ATMA viz. South Tripura ATMA and North Tripura ATMA has been notified and established at Office of the Dy. Director of Agriculture, South and North Tripura respectively at the beginning. Subsequently two more ATMA viz. West Tripura ATMA and Dhalai ATMA has been established in the office of the Dy. Director of Agriculture of respective district. Establishing Office , with re furnishing and connectivity has been made along with providing staff like PD, DPD in all four ATMA .

Establishment of SAMETI-

Tripura State Agriculture Management and Extension Training Institute (T-SAMETI) a premier institute , first of its kind ,was established at Lembucheera , to provide HRD programmes and consultancy services to stakeholders. The institute is refurnished with office, classroom with modern facilities and strengthened with posting of faculties . Institute has already in focus to draw attention and show its importance in organizing programmes like training/ Workshops/ Seminar ,designing tools, providing consultancy services. Recognition has already been received from different state departments, regional institute like **EEI** Jorhat, **IGNOU**, Agartala, **FMTI**, Tezpur , **MANAGE** Hyderabad etc.

Establishment of DTI-

Human Resource Development is a one of the major mandate in the suggested new mechanism. The scheme has supported to establish District Level Training Institute at each ATMA district. In accordance, four nos DTI has been established with modern classroom facilities at each ATMA district along with selection and declaration of faculties from concerned discipline. The Institutes has already started functioning according to mandate.

Establishment of FIAC-

Information generation and dissemination is one of the vital aspects in empowering farmers to play a strategic role in farm and home management. To facilitate such four no Farm Information and Advisory Centre(FIAC) has been established @ 1 no to each ATMA district and equipped with meeting hall, news board, Computer with net connectivity and other facilities.

CHAPTER – II

DEVELOPING PEOPLES' PLAN

One of the key features of strengthening Public Extension System is that it should be transformed into bottom up mode of planning moving towards becoming demand driven and farmer responsive. Hence, it was felt necessary to prepare an extension plan to fulfill farmers need. To have an in-depth understanding of peoples need the following document has been prepared by the team comprising technical as well as farmers representative. as guiding tools to develop need based extension plan.

Strategic Re-search and Extension Plan-

During the initial year two multidisciplinary team were constituted comprising, members from all line department for South Tripura and North Tripura ATMA district . They were trained under the guidance of MANAGE, Hyderabad. The team identified agro ecological zone , and surveyed representative village using participatory approach and methods to dig out information related agri and allied sector. The data , so collected were interpreted and documented to focus the resources available and need of people. The document verified, discussed, vetted and published as Strategic Re-search and Extension Plan (SREP) for South Tripura and North Tripura ATMA district.

The same processes were taken up for remaining two other district viz. West Tripura and Dhalai ATMA district and preparation of SREP is completed.

State Extension Work Plan (SEWP)

Extension work plan based on Peoples need as documented in the SREP were prepared at block level, district level and state level for the year 2007-08/08-09/09-10/ 10-11 and submitted to GOI for support under the scheme “**Support to State Extension Programmes for Extension Reforms**”. On receipt of support from GOI and State departments, different activities suggested in Cafeteria of Activities are in operation for minimizing the gaps in technology adoption.

CHAPTER - III

HUMAN RESOURCE DEVELOPMENT

The development of Human Resource is increasingly assuming significance in effective functioning of the organization and mechanism. Training is one of the important approaches to develop Human Resources in the organization related to bring out socio economic changes in the rural areas. The scheme “**Support to State Extension Programmes for Extension Reforms**” has provided support in developing and implementing HRD programmes like Training, Workshop, Seminar, Expo. visit, Farmer Scientist interaction etc. Training institutes like T-SAMETI at state level and DTI at district level are established with modern facilities to provide HRD programmes. Beside this ,several training programmes sponsored by state departments, Regional institutes, National institutes also helping in capacity building of extension functionaries, farmers, farm women in the state.

The following are some of the interventions made in HR Development process-

A. Extension Functionaries.

Several training/ Workshop programmes are being implemented so far with an objective for capacity building extension functionaries working in all level.

Training/ Workshop/ Expo. Visit for Extension Functionaries conducted.

SI No	Course	Level of participants	No of course	Particip ants NO	Remarks
1	Operationalisation of SREP and ATMA	Officer from agri. Andline department	4	120	In collaboration with MANAGE
2	Trainers training on training Methodology	Officer from agri. Andline department	4	125	State share
3	Training on Rodent pest Management	Field functionaries	5	125	State share
4	Group dynamics	Field functioneries	4	100	STATE SHARE
5	Mobilization of input dealer	Input dealers	4	120	State share
6	Seed production and Certification	Field functioneries	2	52	State share
7	Role of farm journalist and media person	Media person	1	30	State share
Expo. Visit					
1	To Ahmednagar ATMA district	PD/DPD/BTT/AMC	1	14	Central share
2	To Ratnagiri ATMA district	PD/DPD/BTT/AMC	1	15	Central share
3	To SAMETI WB and Jharkhand	PD/DPD/BTT/AMC	1	15	Shortly moving
4	To PAMETI Punjab	PD/DPD/BTT/AMC	1	15	Shortly moving

FACULTY DEVELOPMENT

TRAINING/ WORKSHOP

Faculties from T-SAMETI has been sent to national level institute for capacity building

I. **MANAGE Hyderabad - 10 nos**

II. **IMAGE, Cuttuck - 2 nos**

III. **EEL, Jorhat - 2 nos**

PGDAEM-

Departmental officer from agri. and line department are offered with the course on PGDAEM. 1ST BATCH 6 NOS Already completed successfully. 2008-09 2nd batch 12 nos in progress .

B. FARMER/ FARM WOMEN-

Different programmes like training within state/ outside state / Expo. Visit/ / Farm school etc are being implemented for capacity building of the farmer/ young farmer son/ farm women/ FOs etc. These programmes are

implemented from the Farmer Oriented district level component under the scheme. The programmes implemented by the four ATMA s are as below-

Sl no	Programme	No of programme implemented by ATMAs								Total of state	Remarks
		ATMA North		ATMA South		ATMA West		ATMA Dhalai			
		No of prog.	Partic no	No of prog.	Partic no	No of prog.	Partic no	No of prog.	Partic no		
1	Training within state			15	450	15	588	7	256		
2	Training within district			206	7870	206	8030	80	3123		
3	Farm School			6	180	7	210	1	30		
4	Expo. Visit			4	85	4	82	1	20		
	ii. Within state			1	10	1	10	1	20		
	iii. Within district			4	44	4	42	4	100		
5	Capacity building of FOs			30	285	10	152	10	125		
6.	Nodal farmer			6	6	7	7	1	1		

Beside above Orientation/ sensitization programmes were taken up in all the blocs/ district with the field staff and PRI bodies belonging to Gram Panchayat/ Panchayat Samiti/ Zilla parishad level.

CHAPTER - IV

TECHNOLOGY DISSEMINATION

The socio economic condition, small holding size, lack of irrigation facilities, high degree of soil erosion , poor credit flow, less mechanization , high cost in cultivation etc resulted in low adoption of technology in almost all the agro. ecological situation. Attempts have been made to transfer farmer accesable ,low cost oriented , need based technology on the identified gaps through different group/ mass approaches. The following activities are being implemented from the Farmers Oriented district level component under the scheme.

Sl no	Programme	No of programme implemented by ATMA's				Total state of	Remarks
		ATMA North No of prog.	ATMA South No of prog.	ATMA West No of prog.	ATMA Dhalai No of prog.		
1	Demonstration	428	510	537 NOS	270	1745	
2	Field day	16	23	23	12	74	
3	Farmer Scientist Interaction	4	4	4	4	16	
4	Farmers Development Fair	1	1	1	1	4	
5	Radio Programme	-	2	5	-	7	
6	TV Programme	-	1	8	1	10	
5	Observance of poster day	1	1	1	1	4	
6.	Film show	1	1	1	1	4	
7	Doccumentati of success story	6	9	11	4	20	
8	Doccumentation and show of Technology package/ ITK	5	5	5	9	24	

CHAPTER - V

RECOGNITION AND REWARDS

An action which leads to a desirable outcome is likely to be repeated in similar circumstances. The Law of Effect by van den and Hawkins (1996)

People try to behave in such a way that their actions have more desirable consequences, often called *rewards*. Rewarding desirable actions leads to *reinforcement of learning*. People learn from own experiences or seeing others, and if, the desirable outcome or result is recognized and rewarded it helps in creating competition for excellence besides, acquiring satisfaction.

To make *Innovation-Diffusion* process faster provision has been made for recognizing and rewarding successful farmer in the scheme. Following are some of the interventions made towards recognizing and rewarding.

SI NO	Item	No of farmer/ ATMA awarded					Remarks
		ATMA North	ATMA South	ATMA West	ATMA Dhalai	Total of state	
1	Best farmer in Agricultural Enterprise in each block	8	11	16	5	40	Rewarded with Certificate, Cash Money, Memento etc.
2	Best farmer in Horticultural Enterprise in each block	8	11	16	5	40	
3	Best farmer in Animal care Enterprise in each block	8	11	16	5	40	
4	Best farmer in Fishery Enterprise in each block	8	11	16	5	40	
5	Best farmer in Agricultural Management in each block	8	11	16	5	40	
6	Best farmer district level for each enterprise						Already selected and will be awarded during state level Farmers Development Fair
7	Best farmer state level for each enterprise						
8	Best ATMA district						

CHAPTER - VI

DIFFUSION OF INNOVATIONS

An Innovation is an idea, practice or object that is perceived by an individual or other unit of adoption.

One of the major goals of extension is to get new and profitable technologies adopted by the rural community. The diffusion of innovations is essentially a social process in which subjectively perceived information about a new idea is communicated.

The scheme "*Support to State Extension Programmes for Extension Reforms*" has emphasized on giving a visual shape to the new ideas. Under the programme the following activities are in operation in the state.

Community Radio Station (CRS)-

One no CRS is under process to honour local culture, tradition with technology transfer.

Agro. Polyclinic-

To provide clinical and advisory services to the farming community on day to day problem faced by them in farm and home management comprising Agriculture, Horticulture, Animal Resource and Fishery ENTERPRISE ONE Agro. Polyclinic is established in A.D Nagar in West Tripura ATMA district. The farmers are getting services for all the enterprises under a single roof on paying nominal fees.

Dry Fish Processing Unit

To add value to the catch of weed fish from reservoir at Dumburnagar, a dry fish processing unit is under development.

Land use Pattern

A project has been started at Mandwi block under West Tripura ATMA district on cultivation of traditional vegetable and commercial fruit crop like mussambi in the newly allotted forest land.

Solar Pump Irrigation System-

Due to non availability of electric power in some location irrigation water can not be utilized properly. A new project is going to be started shortly with installation of 4 nos Solar operated pump .

CHAPTER - VIII

PUBLICATIONS

T-SAMETI and four ATMA s are taking all out efforts for generation and publication of information through film, photographs, poster, booklets, leaflets, books, video disk etc with an object to support and strengthen extension mechanism in the state. Some of the works are as below-

Publication by T-SAMETI-

- DVD/ VCD on success story
- Handbook for PDs
- Guideline for application of extension tools
- Leaflets on Agro. Polyclinic, concept of extension reforms.
- Poster on relevant issues

Publications by PDs

- DVD/ VCD on technology package
- Film on Field day/ Farm school/ Training/ Exhibition
- Photo album on Demo./Expo. Visit/ Training/ Farm school/Exhibition
- Leaflet on IPM / Rodent management
- ATMA concept
- Wall Calendar/ Desk calendar

CHAPTER-IX

WOMEN EMPOWERMENT

Empowerment '*has to be more than simply opening up access to decision making; it has to include also the processes that lead the individual or group being enable to perceive themselves as able to occupy that position*'.

In a development context, empowerment should simply a process whereby a women become able to organize themselves to increase their own reliance, to assert their independent right to control resources which will assist in challenging and eliminating their own subordination.

Considering the importance of the issue T-SAMETI and ATMAs has tried to organize some of the programmes for self reliance of women in agricultural development.

1. Training of departmental women extension officer
2. Training of Women SHGs
3. Exposure visit of Women SHG Groups
4. Providing scope in planning and execution of extension programme.

CHAPTER -X

OUR COMPANION

Tripura State Agriculture Management and Extension Training Institute (T-SAMETI) was initiated as a state response to address the various challenges in Agriculture Extension Service delivery to the farming community in the state of Tripura.

The institute has already in the focal point to formulate needed approaches in addressing farmers problem though it is at its infant stage considering resources, infrastructural facilities etc It could be made possible only to have support from the prestigious ,regionally ,nationally and internationally recognized institutes like MANAGE, IGNOU, EEI, FMTI etc. T SAMETI has already organized some of the HRD programmes, successfully in collaboration of such institutes. Belows are some of the programmes-

MANAGE, Hyderabad-

- Organized four no Workshop for operationalisation of SREP and ATMA.

IGNOU, Regional Centre, Agartala

- Training programme for departmental extension staff on IPM
- Training programme for farm women on post harvest management.
- Training programme for Input dealers on IPM.

EEI, Jorhat

- Training programme for extension functionaries on Mobilisation of CIG/ FIG

FMTI, Tezpur

- Training programme for Engineers of state Agriculture department on Maintenance and operation of Farm Machineries.

CHAPTER X

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