



Mahila Kishan Sashaktikaran Parijoyana (MKSP)

Promoting livelihood security among women farmers in south Odisha

(SUPPORTED BY NRLM AND SDTT)

Name of the PIA: Madhyam Foundation, Bhubaneswar, on behalf of

SODI Consortium (Chetna Organic, Hrasha Trust, RCDC, Pragati, OPDSC, Madhyam Foundation)

HANDOUT ON TRAINING MODULES



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Mahila Kishan Sashaktikaran Parijoyana (MKSP)

Promoting livelihood security among women farmers in south Odisha

1. Introduction:

Project Title: Promoting livelihood security among women Farmers in South Odisha

Proposed Area of Action: Koraput, Rayagada, Nawarangpur and Malkangiri districts of South Odisha

1.1 The main focus of the project:

- To ensure food security of the targeted women farmers, enhance household level income and promote strong, vibrant community based institutions for improving their collective bargaining power vis-à-vis the government and the market forces. For achieving this, we plan to undertake a host of activities such as soil health improvement, seed treatment, seed production and seed preservation, SRI cultivation, cultivation of pulses, millet, vegetable cultivation and backyard nutrition garden (yam and tapioca) promoting organic cultivation, creating a cadre of local community service providers, promotion and strengthening of SHGs and co-operatives of women farmers, capacity building of women farmers etc.
- Women empowerment for Institution building and management, Technogocial skill up gradation to enhance organically crop production, collective way of input and output marketing. This would be done through various training programs, exposure visits, interactive workshops etc.

1.2 Types of the capacity building programs in MKSP:

Sl. No	Name & Description of training module (Book keeping/ food security/marketing etc.,)	Location of training (If village / cluster / block / district /out-station)	Type of Trainee (Community/CRP/Para-professional)	Type of Trainer (External expert/Project staff/Para-professional/CRP)	No. of training-days/batch	Optimum No. of trainees for each batch
A	B	C	D	E	F	G
1.1	TOT on Technological aspects of SRI	Central level	PRP	External & Project staff	2	22
1.2	TOT on Plant protection and Intercultural operation on SRI	central level	PRP	do	2	22

1.3	TOT on soil testing & Crop Planning	Central level	PRP	do	2	22
1.4	ToT on soil health management with organic ways of vegetable cultivation	Central level	PRP	do	2	22
1.5	TOT on seed selection, treatment& preservation, grading sorting and interim preservation of vegetables	Central level	PRP	do	2	22
1.6	TOT on Integrated backyard Goatery	Central level	PRP	do	2	22
1.7	TOT on integrated farming on Millet cultivation	Central level	PRP	do	2	22
1.8	TOT on improved practice of pulses Cultivation	Central level	PRP	do	2	22
1.9	TOT on Technological aspects of SRI	Cluster level	CRP	PRP, expert	2	22
1.1	TOT on Plant protection and Intercultural operation on SRI	Cluster level	CRP	do	2	22
1.11	TOT on soil testing & Crop Planning	Cluster level	CRP	do	2	22
1.12	ToT on soil health management with organic ways of vegetable cultivation	Cluster level	CRP	do	2	22
1.13	TOT on seed selection, treatment& preservation, grading sorting and interim preservation of vegetables	Cluster level	CRP	do	2	22
1.14	TOT on Integrated backyard Goatery	Cluster level	CRP	do	2	22
1.15	TOT on integrated farming on Millets cultivation	Cluster level	CRP	do	2	22
1.16	TOT on improved practice of pulses Cultivation	Cluster level	CRP	do	2	22
1.17	Training on Technological aspects of SRI	Village level	women farmer	CRP	2	30

1.18	Training on Plant protection and Intercultural operation on SRI	Village level	women farmer	CRP	2	30
1.19	Training on soil testing & Crop Planning	Village level	women farmer	CRP	2	30
1.2	Training on soil health management with organic ways of vegetable cultivation	Village level	women farmer	CRP	2	30
1.21	Training on seed selection, treatment& preservation, grading sorting and interim preservation of vegetables	Village level	women farmer	CRP	2	30
1.22	Training on Integrated backyard Goatery	Village level	women farmer	CRP	2	30
1.23	Training on integrated farming on Millets cultivation	Village level	women farmer	CRP	2	30
1.24	Training on improved practice of pulses Cultivation	Village level	women farmer	CRP	2	30
1.25	Annual district level interface for women farmers	District level	women farmers	external experts	1	150
1.26	Annual conference cum exhibition for women farmers	State level	women farmers	external experts	1	600
2	ToT on promotion and strengthening of producer groups (SHG)	Cluster level	CRP	experts and project staff	2	22
2.1	Training on bookkeeping and management of producer group	Cluster level	SHG leader	CRP	2	30
2.2	TOT on promotion of vegetable growers Cooperative	Central level	PRP	Experts & project staff	2	22
2.3	Training on promotion of producer cooperative	Cluster level	producer group leaders	paraprofessional	1	30
2.4	Training to Cooperative leaders on management of cooperatives	Cluster level	Cooperative leaders	experts and project staff	1	15

2.6	Training to cooperative leaders on marketing of vegetable through cooperative	Cluster level	Cooperative leaders	PRP	2	15
3	Value chain study on vegetable & printing of report	Central level			1	1
4	Orientation on various project activities for PRI members	Block level	PRI Representatives	project staff	2	40

1.3 Key Outputs related to Capacity building programs:

- 6500 no of booklet will be printed on organic vegetable cultivation
- 350 no of reference hand book will be printed for CRP on SRI , Vegetable, Millet & Pulses cultivation
- 22 no of training modules will be developed and printed
- 9 no of training module developed and documented with audiovisuals
- 1500 no of leaf let in Odia will be printed on SRI
- 1 No of technical protocol will be documented
- 12 no of cluster level training will be organized for CRP on promotion and effective management of producer groups
- 264 no of CRP will be undertaken training on promotion and effective management of producer groups
- 74nos of training will be organized for producer leaders on group management and book keeping
- 2220 producer group leaders will be trained on group management and bookkeeping
- 3 no of TOT will be organized for paraprofessionals on promotion of producer cooperative
- 66nos of paraprofessionals will be trained on promotion of producer cooperative
- 200 no of cluster level training will be organized for promotion of producer group training
- 6600 producer group leaders will be oriented on promotion of producer cooperatives
- 24 no of training will be organized for cooperative leaders on management of cooperatives
- 360 no of Cooperative leaders will be trained on Management of Cooperatives
- 3 no of TOT will be organized centrally for paraprofessionals on marketing of produces through Cooperative.
- 12 n of training will be organized for cooperative leaders on cooperative marketing
- 360 no of cooperative leaders will be trained on cooperative marketing

- 3 no of TOT will be organized for Paraprofessional on soil testing & Crop planning
- 64 no para- professionals will be trained on soil testing & Soil health management
- 3no of TOT will be organized for Paraprofessional on SRI & sustainable Agriculture
- 64paraprofessional will be trained on Basic Agriculture(plant protection and intercultural operation of paddy and vegetable
- 3 no of TOT will be organized for Paraprofessional on Crop planning and organic ways of cultivation
- 64no of para professional trained on Crop planning & organic ways of cultivation
- 3 no of TOT will be organized for Paraprofessional on seed technology (seed selection, treatment,& preservation),grading shorting & interim storage of vegetable
- 64 no of para professional will be trained on seed technology (seed selection, treatment,& preservation),grading shorting & interim storage of vegetables
- 3 no of TOT will be organized for para Professionals on integrated training on backyard goat rearing
- 64 no of paraprofessionals will be trained on integrated training on backyard goat rearing
- 3 no of TOT Will be organized for Paraprofessionals on Integrated Framing on millet Cultivation
- 64 No of Para professional will be trained on Integrated Framing on millet Cultivation
- 3no of TOT Will be organized for Paraprofessionals on Integrated Framing on improved practice of Pulses cultivation
- 64 No of Para professional will be trained Integrated Framing on improved practice of Pulses cultivation.
- 12no of TOT will be organized for CRPs on soil testing & soil health management
- 264 no CRP s will be trained on soil testing & soil health management
- 12no of TOT will be organized for CRPs on SRI & sustainable Agriculture
- 264CRP s will be trained on Basic Agriculture(plant protection and intercultural operation of paddy and vegetable
- 12 no of TOT will be organized for CRPs on Crop planning and organic ways of vegetable cultivation
- 264no of CRPs will be trained on Crop planning and organic ways of cultivation
- 12no of TOT will be organized for CRPs on seed technology (seed selection, treatment,& preservation),grading shorting & interim storage of vegetable
- 264 no of CRPs will be trained on seed technology (seed selection, treatment,& preservation),grading shorting & interim storage of vegetables
- 12 no of TOT will be organized for CRPs on integrated training on backyard goat rearing
- 264 no of CRPs will be trained on integrated training on backyard goat rearing
- 12no of TOT Will be organized for CRP s on Integrated Framing on millet Cultivation
- 264 No of CRPs will be trained on Integrated Framing on millet Cultivation

- 12 no of TOT Will be organized for CRPs on Integrated Framing on improved practice of Pulses cultivation
- 264 No of Para CRPs will be trained Integrated Framing on improved practice of Pulses cultivation
- 254 no of training will be organized for Mahila Kisan on soil testing & soil health management
- 7620 Mahila Kisans will be trained on soil testing & soil health management
- 254 trainings will be organized for mahila kishan on Crop planning & organic ways of Vegetable cultivation
- 7620 Mahila Kisans will be trained on Crop planning & organic ways of vegetable cultivation
- 254 trainings will be organized for Mahila Kisans on seed technology (seed selection, treatment, & preservation), grading shorting & interim storage of vegetables
- 7620 women farmers will be trained on seed technology (seed selection, treatment, & preservation), grading shorting & interim storage of vegetables
- 530 training will be organized for women farmers on SRI & sustainable Agriculture
- 15900 women farmers will be trained on SRI & sustainable Agriculture
- 530 trainings will be organized on Basic Agriculture (plant protection and intercultural operation of paddy and vegetable
- 15900 women farmers will be trained on Basic Agriculture (plant protection and intercultural operation of paddy and vegetable
- 254 trainings will be organized for Mahila Kishan on Integrated farming on Millet Cultivation
- 7620 farmers will be trained on Integrated farming on Millet Cultivation
- 254 trainings will be organized for Mahila Kishan on Improved practice on pulses cultivation.
- 7620 farmers will be trained on integrated farming on improved practice on pulses cultivation.
- 90 trainings will be organized for land less farmers on integrated training on backyard goat rearing
- 1200 land less farmers will be trained on integrated training on backyard goat rearing 2times & 300 advanced farmers will be trained onetime
- 12 no of district level interface will be organized in 3years
- 1800 Mahila Kishan will attend the district level interface in three years
- 18 no of orientation training will be organized for PRI members in three years
- 720 PRI members will be oriented on various activities undertaken on project I n 3years
- 3 no of Annual state level Conference cum Mini exhibition will be organized n 3years
- 1800 women famers and other stakeholders will attend the conference and in three years
- 300 CRPs will be exposed to Immersion sites

- 64 paraprofessional will be exposed to immersion sites
- 2600 women farmers will be exposed to immersion sites

1.4 Requisites for organizing trainings:

1. Selection of External Resource Person: A data base of resource persons to be decided by all PNGOs. The training contents to be discussed with the selected resource persons and they need to provide time for preparation before conducting training. To decide the resource persons at central level trainings institutions like Agriculture Colleges, KVKs, research institutions on Tuber crop, veterinary & animal husbandry etc to be consulted. At district level trainings for CRP/PRPs local practitioners, subject matter experts from related Government departments other organizations can be consulted.
2. Training calendar: A training calendar to be prepared based on the training need based on crop season, availability of trainer and community. The calendar to be shared with the trainers so that they would be available for the training.
3. Information to participants and trainer: The venue, subject of the training, duration to be informed to all participants at least one week before the training. The agenda to be shared with the trainer 3-4 days before the training date so that he/she can come prepared on the subject.
4. Training materials like writing pad, pen, flip chart, marker pen etc. ,IEC Materials - Posters, Pamphlets, booklets, Relevant videos ,CDs on the topic of the training ,demonstration materials like ingredients to prepare Handikhata, Jeebamruta etc to be arranged by the trainer /organizer.

1.5 Methodology shall be as follows:

- Facilitation by a facilitator (CRP/paraprofessional/Project staff/local resource person)
- Use of local materials for demonstration
- Use of IEC materials , audio-visual aids for explaining the concept
- Sharing of best practices done in other areas
- Brief description about the topic in simple local language
- Participatory discussion
- Practical demonstration
- Field visit, identifying issues, results etc.
- Pre test at the beginning of the training and post test at the end of the training to be organized by the trainer.

2. Sample Training modules:

2.1 Technological aspects of SRI for PRP

Training module -MKSP project.							
Name of Training:		1. TOT on Technological aspects of SRI					
	Name of the PIA:	Madhyam Foundation, Bhubaneswar, Odisha on behalf of SODI consortium	Location of Training:				
No. of days:			2 days	No. of trainees:			
Type of Trainee:		Para Professionals	Type of Trainer:	External Resource person			
<p>Objective of the training: 1)To orient PRPs about the MKSP project since it is the 1st training 2) Non negotiable components of the project like non chemical use, working through women farmers SHG/producer group, role of CRP,PRP, deliverables, sustainability etc.3) Detail theory and practice about SRI cultivation.</p>							
Session No.	Name of Session	Duration (min.)	Contents	Methodology	Expected Outcomes	Materials Required	Trainer
Day-1							
Session 1	Orientation about MKSP and organic cultivation	60	Components of MKSP, stakeholders, major activities, duration, major deliverables, sustainability factors. Why and how about organic using indigenous technology	Video show	PRPs aware about the project in detail	video CD	Project Coordinator
session 2	Objective setting	45	Objectives of the training. Contents of 2 days training and process	Lecture and feedback	clarity on the 2 days program	program schedule document	Project coordinator
session 3	Introduction to SRI	75	What is SRI- Principles of SRI, Scientific justification, Seed selection, land selection, seed treatment?	Lecture method, PP Presentation	Clarity on SRI	video CD	Resource person

session4	Package of practices of paddy in SRI method	120	Land preparation, green manuring, nursery raising, transplanting, weed management, nutrient and Plant protection using Handi Khata and Jeebamruta, water management and yield estimation.	Lecture method, PP Presentation	Knowledge on POP of SRI	video CD	Resource person
Day-2							
Session 1	Use of SRI method in other crops	90	How SRI method can be adopted in Ragi, pulses, tuber crops and vegetables. What are the non chemical organic materials to use for nutrient and pest management. Components for preparing Handi Khata and Jeebamruta	Lecture method, Video show	Knowledge on preparation of Handi Khata and Jeebamruta .Applying SRI method in millets ,pulses and vegetables	Video CD	Resource person
session 2	Practical session-1	90	Preparation of Handi Khata and Jeebamruta	practical	Clarity on preparation of Handi Khata and Jeebamruta	cow dung, urine, gur, leaf of Neem, Karanja etc	Resource person
session 3	Practical session-2	45	Use of Mandawa weeder, its benefits etc	practical	Clarity on use of Mandawa weeder and its benefit	Mandawa weeder	Resource person
session4	Other Sustainable Agriculture practices	45	Cultural practices like crop rotation, mix crop, mulching, early sowing, line transplanting, water management, use of good seed, seed/seedling treatment, indigenous technology for preparing nutrient and plant protection materials	Lecture method	Knowledge on sustainable practices	hand outs	Resource person
Session-5	How to be a good trainer	30	Communication skill, participatory, giving chance to others to speak, citing local examples.	Group exercise, interaction	Knowledge on how to be a good trainer		Resource person
Session-6	open session	15	Post test (Question-answer in feedback format)	Interactive discussion	doubt clarity		Resource person

2.2 Technological aspects of SRI for CRP

Training module -MKSP project.							
Name of Training:		1. TOT on Technological aspects of SRI					
	Name of the PIA:	Madhyam Foundation, Bhubaneswar, Odisha on behalf of SODI consortium	Location of Training:				
No. of days:			2 days	No. of trainees:			
Type of Trainee:		CRPs	Type of Trainer:	2 PRP and External Resource person			
Objective of the training: 1)To orient CRPs about the MKSP project since it is the 1st training 2) Non negotiable components of the project like non chemical use, working through women farmers SHG/producer group, role of CRP,PRP, deliverables, sustainability etc.3) Detail theory and practice about SRI cultivation.							
Session No.	Name of Session	Duration (min.)	Contents	Methodology	Expected Outcomes	Materials Required	Trainer
Day-1							
Session 1	Orientation about MKSP and organic cultivation	60	Components of MKSP, stakeholders, major activities, duration, major deliverables, sustainability factors. Why and how about organic using indigenous technology	Video show	CRPs aware about the project in detail	video CD	PRP/Project Coordinator
session 2	Objective setting	45	Objectives of the training. Contents of 2 days training and process	Lecture and feedback	clarity on the 2 days program	program schedule document	PRP/Project coordinator
session 3	Introduction to SRI	75	What is SRI- Principles of SRI, Scientific justification, Seed selection, land selection, seed treatment?	Lecture method, PP Presentation	Clarity on SRI	video CD	PRP, Resource person

session4	Package of practices of paddy in SRI method	120	Land preparation, green manuring, nursery raising, transplanting, weed management, nutrient and Plant protection using Handi Khata and Jeebamruta, water management and yield estimation.	Lecture method, PP Presentation	Knowledge on POP of SRI	video CD	PRP, Resource person
Day-2							
Session 1	Use of SRI method in other crops	120	How SRI method can be adopted in Ragi, pulses, tuber crops and vegetables. What are the non chemical organic materials to use for nutrient and pest management? Components for preparing Handi Khata and Jeebamruta	Lecture method, Video show	Knowledge on preparation of Handi Khata and Jeebamruta .Applying SRI method in millets ,pulses and vegetables	Video CD	PRP, Resource person
session 2	Practical session-1	90	Preparation of Handi Khata and Jeebamruta	practical	Clarity on preparation of Handi Khata and Jeebamruta	cow dung, urine, gur, leaf of Neem, Karanja etc	PRP, Resource person
session 3	Practical session-2	45	Use of Mandawa weeder, its benefits etc	practical	Clarity on use of Mandawa weeder and its benefit	Mandawa weeder	Resource person
session4	Other Sustainable Agriculture practices	45	Cultural practices like crop rotation, mix crop, mulching, early sowing, line transplanting, water management, use of good seed, seed/seedling treatment, indigenous technology for preparing nutrient and plant protection materials	Lecture method	Knowledge on sustainable practices	hand outs	Resource person
Session-5	How to be a good trainer	30	Communication skill, participatory, giving chance to others to speak, citing local examples.	Group exercise, interaction	Knowledge on how to be a good trainer		Resource person
Session-6	open session	15	Post test (Question-answer in feedback format)	Interactive discussion	doubt clarity		Resource person

2.3 Technological aspects of SRI for Community

Training module -MKSP project.							
Name of Training:		1. Technological aspects of SRI					
	Name of the PIA:	Madhyam Foundation, Bhubaneswar, Odisha on behalf of SODI consortium		Location of Training:			
No. of days: 2 days				No. of trainees:			
Type of Trainee:		Community(Mahila Kishan)		Type of Trainer:	2 PRP and External Resource person		
<p>Objective of the training: 1)To orient Mahila Kishan about the MKSP project since it is the 1st training 2) Non negotiable components of the project like non chemical use, working through women farmers SHG/producer group, role of CRP,PRP, deliverables, sustainability etc.3) Detail theory and practice about SRI cultivation.</p>							
Session No.	Name of Session	Duration (min.)	Contents	Methodology	Expected Outcomes	Materials Required	Trainer
Day-1							
Session 1	Orientation about MKSP and organic cultivation	60	Components of MKSP, stakeholders, major activities, duration, major deliverables, sustainability factors. Why and how about organic using indigenous technology	Video show	Community aware about the project in detail	video CD	CRP/PRP
session 3	Introduction to SRI	75	What is SRI- Principles of SRI, Scientific justification, Seed selection, land selection, seed treatment?	Lecture method, PP Presentation	Clarity on SRI	video CD	CRP/PRP

session4	Package of practices of paddy in SRI method	120	Land preparation, green manuring, nursery raising, transplanting, weed management, nutrient and Plant protection using Handi Khata and Jeebamruta, water management and yield estimation.	Lecture method, PP Presentation	Knowledge on POP of SRI	video CD	CRP/PRP
Day-2							
Session 1	Use of SRI method in other crops	120	How SRI method can be adopted in Ragi, pulses, tuber crops and vegetables. What are the non chemical organic materials to use for nutrient and pest management? Components for preparing Handi Khata and Jeebamruta	Lecture method, Video show	Knowledge on preparation of Handi Khata and Jeebamruta .Applying SRI method in millets ,pulses and vegetables	Video CD	CRP/PRP
session 2	Practical session-1	90	Preparation of Handi Khata and Jeebamruta	practical	Clarity on preparation of Handi Khata and Jeebamruta	cow dung, urine, gur, leaf of Neem, Karanja etc	CRP/PRP
session 3	Practical session-2	45	Use of Mandawa weeder, its benefits etc	practical	Clarity on use of Mandawa weeder and its benefit	Mandawa weeder	CRP/PRP
session4	Other Sustainable Agriculture practices	45	Cultural practices like crop rotation, mix crop, mulching, early sowing, line transplanting, water management, use of good seed, seed/seedling treatment, indigenous technology for preparing nutrient and plant protection materials	Lecture method	Knowledge on sustainable practices	hand outs	CRP/PRP
Session-5	How to strengthen the group activities	30	Communication skill, participatory, giving chance to others to speak, citing local examples.	Group exercise, interaction	Knowledge on how to strengthen the group collective activities		CRP/PRP
Session-6	open session	15	Post test	Interactive discussion	doubt clarity		CRP/PRP

2.4 :Crop Planning and organic ways of cultivation for PRP,CRP and community

Venue... Dt... Duration: 2 Days,

Time	Session	Topics	Methodology	Materials	Resource Person/Facilitator
9.30 - 10.00 am		Registration	Filling format	Registration form	Convener
10.00 - 10.15 a.m.	Inaugural Session	Inauguration, Welcome address and Objective sharing	Dialogue	Lamp and handouts	Convener
10.15 - 10.45 a.m.	Understanding Oneself	Introduction of Participants and formation of groups, Sharing responsibility and Setting ground rules and selection of reporter for the day	Formal	Chart paper, Markers and Sketch pens	Convener
10.45 - 11.30 a.m.	Expectations sharing	Eliciting expectations from the trainees and presentation/clarification	Group work	Chart paper/Board, Markers and Sketch pens	RP
11.30 – 11.45 a.m.			Tea break		
		Concept of crop planning ; Its need and importance	Dialogue, Brainstorming in	Chart paper/Board,	RP

11.45 – 12.30 p.m.	– Sharing the General Concept of Crop planning	(domestic requirement of vegetables, markets, supply – demand concept, gaps between demand and supply, crop seasonality, crop availability- In Odisha context.)	groups, Power-point presentation, <i>Success story</i>	Sketch pens and Markers, LCD projector	
12.30 – 1.30 p.m.	– Organic ways of Vegetable Cultivation	-Conceptual clarity on general vs Organic cultivation -Practical demonstration on 1.Compost pit 2.Hadri 3.Jeeva mruta - Practical demonstration on 1.Handi Khata, 2. seed treatment	Dialogue, Brainstorming, posters,	Plastic drum Leafs of Neem, Arakha &Karanja Cow dung -Cow urine & other essential materials	RP
1.30 – 2.30 p.m.			Lunch break		
2.30 – 4.00 p.m.	– Technical session on Vegetable crop planning	Vegetable crop planning- Importance, scope, seasonality of crops, different aspects of vegetable crop planning, modalities for crop planning for individual growers and vegetable cooperatives, limitations and risk factors,	Power point presentation, participatory Interaction,	Filled up chart papers, Gum tape, Board, Markers, LCD and Screen, Laptop, PPT CD, Hand outs	RP
4.00 – 5.30 p.m.	– Vegetable crop planning	Preparation of district wise crop plan by participants	Brainstorming, Group work - discussion and preparation of district wise vegetable crop plan in chart paper/ power point mode	Board and Markers, Laptop, crop seasonality calendar, hand outs, Chart papers and	RP

				Sketch pens	
5.30-6.30	Video Show on vegetable crop husbandry	Video Show on vegetable crop husbandry	AV Show	LCD projector, Laptop	RP

Day-2

Time	Session	Topics	Methodology	Materials	Resource person/ Facilitator
10.00 – 10.30	Recap of the previous day activities	Recap of the previous day activities, selection of reporter for the day	Verbal presentation	-	Reporter of the previous day
10.30-11.30 a.m	Concept of organic vegetable cultivation	Concept and success stories	PP presentation and participatory discussion and group work	Board, Markers, LCD, Screen, Laptop	RP
11.30-11.45 a.m.			Tea break		
11.45 – 12.30 a.m.	Presentation of group work	Presentation of group work on vegetable cultivation	Chart paper /PP presentation, Dialogue,	Board, Markers, LCD, Screen, Laptop, Chart papers, Gum tape	Group leaders
12.30- 1.30 pm	Reflection over the vegetable crops	Reflection over the vegetable crops prepared by different groups and expert comments	Brainstorming, Dialogue, participatory discussion, modification of the crop plan document	Chart paper/board, sketch pens and markers, Laptop, LCD and Screen	Participatory
1.30 – 2.30 p.m.	Lunch break				
		Preparation of partner wise action	Brainstorming, discussion,	Chart paper, sketch pens and markers,	Groups

2.30 – 3.30 p.m.	Action Plan Preparation	plan for the year	preparation of presentation,	Laptop, LCD and Screen	
3.30 – 4.30 p.m.	Group presentation	Presentation of the action plan for the year by individual partners and reflection, discussion, experts comments, modification and finalization of the action plan	Participatory Discussion, Simulation	-	Participatory
4.30 – 5.00 p.m.	Valedictory session	Evaluation of the training,	Written evaluation and verbal communication	Evaluation sheets,	RP and convener

2.5 : Organic method of Plant protection and Intercultural operation on SRI paddy for PRP, CRP and community

Day-1

Time	Task	Technology/ Process	responsibility
10.00-10.30 AM	Registration	Assemble and registration	
10.30-11.00 A.M	Introduction and Brief narration of activities PRPs do in the field	Self introduction	
11.00-11.30	Stock taking of existing skills and ITKs	Open questionnaire	Resource person
11.30-12.00	Objective setting	Open questionnaire. This session is to cover SCI and SRI aspect of the crop production. Sharing the objective	Resource person
12.00-12.15	Tea Break		

12.15 -1.30 PM	Introduction to P.O.P of SRI(Land preparation, green manuring, nursery raising, transplanting, inter culture , weed management and weeding, Plant protection, /determination water management ,yield estimation, etc)	Lecture method, PP Presentation and AV aids-	RP
1.30-2.30 PM	Lunch break		
2.30.4.30 PM	Major Insects, pests, deficiency symptoms in paddy	Lecture method, PP Presentation and AV aids.	RP
4.30-5.30 P.M	Use of indigenous materials to prepare organic manure and pest control materials	Presentation, discussion about organic way of making manure and plant protection materials	RP
Day-II			
10 – 12 Noon	Handikhata--- How to prepare, when to use, how much to use	Presentation, discussion, practical	RP
12-12.15	Tea Break		
12.15 – 1.15 PM	Jeebamruta - How to prepare, when to use, how much to use	Presentation, discussion, practical	RP
1.15-2.15 PM	Lunch break		
2.15-4.00	Other Sustainable Agriculture Practices	Presentation, discussion, practical	RP
4.00 PM-4.45	Valedictory	Presentation by trainees	RP
4.45-5.00 PM	CONCLUDING SESSION		

2.6 : Training on Soil Testing and Soil Health Management

Date: 2 days

Objective: To enable the CRPs/PRPs/community to understand the basic principles of soil testing and enhance understanding about living soil as a medium for plant growth.

To carry out on field soil testing by the RPs in future through mini soil testing kit.

Resource Persons: Soil Chemist and microbiologists from soil testing Laboratory, Agriculture Officer from the district/Block level agriculture office.

Program schedule

Activities	Time	Methodology
Day – I		
Registration	8.30am	
Welcome & Guest Introduction	9am	Verbal communication
Objective sharing	9.- 9.15am	Verbal and written
Essentiality of Soil testing in Crop Production for sustainable livelihood.	9.15 – 11.15am	Audio visual and lecture
Tea break	11.15-11.30am	
Techniques of soil sample collection & use of Soil testing kit at farmers level for determination of PH & NPK	11.30-1pm	Practical in field and laboratory
Lunch Break	1-1.45pm	
Practical session in Soil Testing Laboratory	2.00-5.00 pm	Practical
Day-II		
Recap of the previous day	10 am	
Soil , soil properties, different classifications and important ones in our context	10.30-12.00	Theory and pictorial Presentation
Soil health- Soil as a living medium for plant growth & nutrients	12.00-1.00	Theory and pictorial Presentation
Lunch break	1.00-2.00	
A basic understanding on Soil micro biology	2.00-4.00	Theory, audio visual and pictorial Presentation
Evaluation and valediction	4-5pm	

2.7 Training on Group management and Book-keeping for Producer Groups (SHG)

Date:

Venue:

Programme Window

Day/Session	Contents	Methodology
1st Day		
1st Session 10.A.M to11.30 A.M	Welcome and Introduction Expectation sharing and objective setting	Pairing methods Brainstorming and interaction
2nd Session 11.45. AM to 1.30 PM	Group Formation and Development: Group formation strategy and Process Challenges at the time of Group formation Stages of Group development	Group discussion and presentation Participatory
1.30 P.M to 2.30 P.M	Lunch Break	
4th Session 2.30 PM -4.00 P.M	Features and Function Of SHGs: Membership and meeting Group behavior and dynamics Savings and Lending Rules and Regulation Decision making and leadership	Experience sharing Pictures show Flowchart presentation Story telling Group exercise And presentation

	Bank linkages Quality parameters and gradation of SHGs	
5th Session 4.15 PM-5.30 PM	Group Fund Management: Components of group fund Loan disbursement and repayment process Interest calculation and repayment schedule Tips for group fund management	Pictorials Flowchart Question answer Lectures
2nd Day		
1st Session 10.A.M to11.30 A.M	Recap of first training programme Bookkeeping and Financial management: Needs and Importance of financial management of SHGs	Question answer Participatory Lecture
2nd Session 11.45. AM to 1.30 PM	Practical system of bookkeeping and documents for SHGs-Its types, meaning and uses financial decision making process.	Format showing And understanding
1.30 P.M to 2.30 P.M	Lunch Break	
4th Session 2.30 PM -4.00 P.M	Handout practices of cash book, general ledger, loan ledger, savings ledger etc;	Questioner Practical exercise for recording of books of accounts
5th Session 4.15 PM-5.30 PM	Financial reporting system of SHGs-Preparation of monthly financial statement and Balance Sheet.	Questioner Practical exercise for recording of books of accounts

2.8 Training on Promotion, Strengthening and Effective Management of PGs/SHGs

Date: 2 days

Venue: Field location with electric facility

DAY	Contents	Resource Person	Time
1st Day	Introductory Session <ul style="list-style-type: none"> ▪ Welcome and Introduction ▪ Expectation sharing and objective setting ▪ Structural analysis of credit ▪ Overview of SHG 	RP	10.00-1.00
	LUNCH BREAK(1.00 P.M-2.00 P.M)		
	Group Formation and Development: <ul style="list-style-type: none"> ▪ Group formation Strategy & process ▪ Challenges at the time of group formation ▪ Stages of Group development 	RP	2.00 - 5.00
2nd Day	Feature and Function of SHGs <ul style="list-style-type: none"> ▪ Membership & Meeting ▪ Group behavior and dynamics ▪ Saving , internal lending ▪ Rules & regulation ▪ Decision –making and leadership ▪ Bank linkages and linkages with other institution 	RP	9.30 - 1.00
	LUNCH BREAK(1.00 P.M-2.00 P.M)		
	Group Fund management: <ul style="list-style-type: none"> ▪ Components of group fund ▪ Loan disbursement & repayment 	RP	2.00-

	process <ul style="list-style-type: none"> ▪ Interest calculation and construction of repayment schedule ▪ Tips for group fund management ▪ Bookkeeping system in SHGs and its recording Process ▪ Preparation of financial report ▪ SHG audit & Sustainability of SHGs ▪ MIS For SHGs ▪ Causes of risk and strategy for risk management 		5.00
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2.9 Training on Promotion & Management of Cooperative

Venue:

Date:

Duration: 2 days

Programme Schedule

Date & Time	Topic
Day-I	
9.30 am	Registration
10-10.30 am	Welcome address and objective of the Training, Self Introduction(by participants)
10.30-10.45am	Inaugural address by the convener
10.45-11am	Tea Break
11-11.45am	Why Cooperative, its rationale (by RP)
11.45-1pm	Steps in formation of Cooperatives (by RP)
1-2pm	Lunch Break
2-3.30pm	Challenges in promotion of Co operatives

3.30-3.45pm	Tea Break
4.45-5.30pm	Stake holder analysis
Day-II	
9.30-11am	Functions of cooperative (Management of savings , Loan and other activities
11-11.15 am	Tea Break
11.15-1pm	Sustainability of Cooperative
1-2pm	Lunch Break
2-3.30pm	Discussion on Model byelaws, organization structure ,Governance of Cooperatives
3.30-3.45pm	Tea Break
3.45-4.30pm	Developing action plan for registration of Cooperatives
4.30-5pm	Evaluation of the Training
5 pm	Vote of thanks

2.10 Training for CRPs/PRPs/ Cooperative leaders on Cooperative management

Duration: 3 days (20-30 participants)

Program Schedule

Date & time	Topic	Methodology
Day-I		
9.30am	Registration	
10-10.30am	Welcome address, introduction of RP & objective sharing of the training, Self Introduction by participants.	Verbal
10.30 -11.30am	<ul style="list-style-type: none"> • Present Status of Cooperative Registration. • Exercise of Self helps Cooperative Act -2001. 	Lecturer and PP Presentation
11.30-11.45am	Tea break	

11.45-1.30pm	<ul style="list-style-type: none"> • Sharing about Role and Responsibility of CEO & office bearers. • Cooperative Principle and preparation of Indicators. • Discussion about Share Capital & membership fees. • Discuss about Guideline of Board of Directors. 	PP Presentation
1.30-2.30pm	Lunch break	
2.30-5.30pm	<ul style="list-style-type: none"> • How to Prepare Proper Cooperative Bye-laws and Key elements. • Election Process • Distribution of dividends among Cooperative members & formula. 	PP Presentation, Group activity exercise and Lecturer
Day-II		
9.30am-10am	Welcome address & day review	Group Discussion and Lecturer method
10-11.30am	<ul style="list-style-type: none"> • Communication Documents of Cooperative. • Proper management of Cooperative assets like, Use of seed bank, • Importance of cooperative records& its maintenance • Business process of Vegetables through Cooperatives 	
11.30-11.45am	Tea break	
11.45-1.30pm	Sustainability of cooperatives.	GD
1.30-2.30	Lunch break	
2.30-3.30	Action plan for cooperatives	Group Discussion and written plan
3.30-4.30	Evaluation & feed back	Written
4.30-5.30	Summing up & vote of thanks	

Date & Time	Topic	Facilitator
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2.11 Training on Seed technology (2Days, 30 Participants-CRP)

Day-I	Registration	
9.30 a.m.		
10.00-10.30 a.m.	Welcome Address, Introduction of RP and Objective Sharing of training , Self Introduction	Convener
10.30-10.45a.m.	Opening Remarks of Seed bank Promotion	RP
10.45-11.00 a.m.	Tea Break	
11.00-12.30 p.m.	<ul style="list-style-type: none"> • Seed in agriculture, Definition and Conceptual clarity • Difference between seed and grain • Seed Quality & Methods of Seed selection 	RP
12.30-1.30 p.m.	<ul style="list-style-type: none"> • Role of Cooperative in collection of seeds & promotion of seed bank • Modality for management of seed bank 	RP
1.30-2.30p.m.	<ul style="list-style-type: none"> • Lunch Break 	
2.30-4.00p.m.	<ul style="list-style-type: none"> • Role of cooperative in Production, collection, sorting and grading, packaging, transportation of vegetables 	RP
4.00-4.15p.m.	<ul style="list-style-type: none"> • Tea Break 	
4.15-5.15p.m.	<ul style="list-style-type: none"> • Role of cooperative in collective marketing of vegetables 	RP
5.15-5.30 p.m.	<ul style="list-style-type: none"> • Summing of Vote of Thanks 	
Day-II	<ul style="list-style-type: none"> • Welcome Address and Recapitulation 	
10-11.30 a.m	Legal issues and local taxes, floor management, selling, client satisfaction etc on vegetable marketing	RP
11.30-11.45 a.m.	Tea break	
11.45-1.30 .m.	Quality control and pricing & Preservation of Vegetables	RP
1.30-2.30 p.m.	Lunch break	

2.30-3.30 p.m.	Evaluation and feed back	Written feedback
3.30-3.45 p.m.	Tea break	
3.45-4.30p.m.	Summing of Vote of thanks	

2.12 Training for land less farmers on integrated backyard goat rearing & management

Duration: 2days (25-30 participants)

Program Schedule

Date & time	Topic	Methodology
Day-I		
9.30am	Registration	
10-10.30am	Welcome address, introduction of RP & objective sharing of the training, Self Introduction by participants.	Lecture
10.30 - 11.30am	<ul style="list-style-type: none"> • Rationality of Goat farming for the land less framers • Selection criteria of Goats varieties 	Audio visuals and lecture
11.30-11.45am	Tea break	
11.45-1.30pm	<ul style="list-style-type: none"> • .Feeding management in goat rearing • Need of Fodder cultivation 	Lecture and posters & Discussions
1.30-2.30pm	Lunch break	
2.30-5.30pm	<ul style="list-style-type: none"> • Vaccination , its importance & health control in Goat rearing 	Audio visuals and lecture
Day -2		
9.30am-10am	Welcome address & day review	Lecture & audio visuals
10-11.30am	<ul style="list-style-type: none"> • Breeding management in goat rearing 	
11.30-11.45am	Tea break	
11.45-1.30pm	Mortality control & Need of Insurance in goat rearing	PPT & lecture
1.30-2.30	Lunch break	

2.30-3.30	<ul style="list-style-type: none"> Environmental Management in goat rearing 	Lecture
3.30-4.30	Review and Feed back	Lecture
4.30-5.30	Vote of Thanks	Lecture

2.13 Training Schedule on Integrated Framing on Millet Cultivation

Duration: 2days

Day 1	Topics	Facilitation
1	Registration	Organizing PNGO
2	Welcome address & Objective sharing	
3	Expectation of participants	
	Importance of Millet crop in one of most food security option	Resource person
4	Methodology of land preparation in Millet crop	Resource person
5	Prospects of millet crops in the cropping pattern	Do
	Lunch break	
	Use of Organic manure & pesticides in millet crop	Do
Day -2		
1	Review of previous day	Organizing institution
2.	Different millet crops to be grown during the year, in the locality (season wise)	Do
3	Lunch break	
4	Steps to increase the productivity of Millet crops & pest control Management in indigenous method	Do

5	Evaluation and Validation	
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2.14 Training on Improved Practice of Pulses Cultivation (Duration: 2days)

Day 1	Topics	Facilitation
1	Registration	Organizing PNGO
2	Welcome address & Objective sharing	
3	Expectation of participants	
4	Land paten & preparation for pulse crop	Resource person
5	Prospects of pulse crops in the cropping pattern	Do
	Lunch break	
	Use of Organic manure & pesticides in pulse crop	Do
Day -2		
1	Review of previous day	Organizing institution
2.	Different pulse crops to be grown during the year, in the locality (season wise)	Do
3	Lunch break	
4	Steps to increase the productivity of pulse crops & Pest control management	Do
5	Evaluation and Validation	