REVISED PROFORMA FOR ACTION PLAN 2025

1. Name of the KVK: Ganjam-I

Address	Telephone		E mail
Krishi Vigyan Kendra, Ganjam-I At : Benakunda P.O: Dihapadhala Via: Tanarada Dist: Ganjam Pin : 761 140 Orissa			kvkganjam1.ouat@gmail kvk.ganjam1@ouat.ac.in

2.Name of host organization :

Address	Telephone		E mail
	Office	FAX	
Vice-Chancellor, OUAT, Bhubaneswar- 751003 Orissa University of Agriculture & Technology	0674-2392677		vcouat@gmail.com

3.Training programme to be organized (January,2025 to December, 2025)

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Nutrient management	Improved techniques of Seed treatment in Groundnut	1	1	OFF	04.04.2025									50
Crop management	Integrated Crop Management in Ragi	1	1	OFF	15.05.2025									25
Crop management	Integrated Crop Management in Maize	1	1	OFF	20.06.2025									25
Weed management	Integrated Weed Management in pigeon pea	1	1	OFF	07.07.2025									25
Crop management	Integrated Crop Management in Maize	1	1	ON	15.07.2025									50
Weed	Weed	1	1	OFF	30.07.2025									25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
management	management in DSR													
Nutrient management	Integrated Crop Management in Sunflower	1	1	ON	21.08.2025									25
Nutrient management	Integrated Nutrient Management in Greengram	1	1	OFF	05.11.2025									25
Nutrient Management	INM in Sesamum	1	1	OFF	12.11.2025									25
Crop management	Integrated Crop Management in Groundnut	1	1	ON	23.12.2025									25
Plant protection IDM	Management of major diseases in Yam	1	1	OFF	10.07.2025									25
Plant protection IDM	Management of fall army worm in Maize	1	1	ON	05.08.2025									25
Plant protection IPM	Integrated Pest Management	1	1	ON	12.08.2025									25
Plant protection IDM	Integrated Disease Management in Ragi	1	1	ON	18.08.2025									25
Plant protection IDM	Integrated Disease Management in Rice	1	1	OFF	29.08.2025									25
Plant protection IPM	Integrated Pest Management in pigeonpea	1	1	ON	25.09.2025									25
Plant protection	Management of diseases in	1	1	ON	26.09.2025									25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
IDM	Brinjal													
Plant protection IPM	IPM in cauliflower	1	1	ON	02.11.2025									25
Plant protection Income Generation	Honey bee rearing	1	1	ON	19.11.2025									25
Plant protection IPM	IPM in mango	1	1	Off	24.11.2025									25
HOV	Use of herbicide in Okra cultivation	1	1	OFF	16.05.2025									25
HOV	Cultivation of practices in Banana	1	1	OFF	25.06.2025									25
HOV	Packages of practices for Okra cultivation	1	1	OFF	18.07.2025									25
HOV	Agro-techniques for Chilli cultivation	1	1	OFF	07.08.2025									25
HOV	Seasonal nursery vegetable production	1	1	ON	20.08.2025									25
HOV	Agro-techniques for Bitter gourd cultivation	1	1	OFF	04.09.2025									25
HOV	INM in Cabbage & cauliflower	1	1	ON	24.09.2025									25
Household food security by kitchen gardening and	Planning and layout of kitchen garden	1	1	OFF	08.05.2025									25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
nutrition gardening														
Mushroom cultivation	Cultivation practices of paddy straw mushroom .	1	1	OFF	19.06.2025									25
Mushroom cultivation	Semi-compost method of paddy straw mushroom cultivation	1	1	OFF	23.07.2025									
Income generation activities for empowerment of rural Women	Cultivation practices of Tuberose	1	1	OFF	31.07.2025									25
Income generation activities for empowerment of rural Women	Use of Agricultural implements and tools for drudgery reduction	1	1	ON	02.08.2025									25
Income generation activities for empowerment of rural Women	Vermicopsting for income generation	1	1	ON	01.09.2025									25
Design and development of low/minimum cost diet	Preparation of low cost supplementary food for children	1	1	OFF	03.09.2025									25
Income generation	Cultivation practices of	1	1	OFF	26.10.2025									25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
activities for empowerment of rural Women	different varieties of Oyster mushroom													
Value addition	Value addition of millet for income generation	1	1	OFF	11.11.2025									25
Value addition	Value addition of Tomato	1	1	OFF	02.12.2025									25
Value addition	Value addition of oyster mushroom	1	1	OFF	04.12.2025									25
Dairy management	Clean milk production & value added products	1	1	OFF	23.07.2025									25
Disease Management	Importance of AI & heat detection	1	1	OFF	22.08.2025									25
Sheep/ Goat farming	Care & management of Doe & Kid	1	1	OFF	18.09.2025									25
Poultry Management	Brooding management in backyard poultry	1	1	OFF	15.10.2025									25
Sheep/ Goat farming	Care & management of breeding buck	1	1	OFF	14.11.2025									25
Feeding management	Feed & fodder management in dairy animals	1	1	OFF	15.12.2025									25
Sheep/ Goat farming	Care & management of	1	1	OFF	19.12.2025									25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
	breeding buck													
Feeding management	Feed & Fodder management in Dairy animals	1	1	OFF	30.12.2025									25
Capacity Building Development	Improved techniques of Seed treatment in Groundnut	1	1	OFF	18.06.2025									25
Capacity Building Development	Orientation and capacity building of Para-extension workers (Progressive farmers) for technology dissemination in grass root level.	1	1	OFF	08.07.2025									25
Mobilisation of social capital	Market linkage for smallholder farmers	1	1	OFF	28.07.2025									25
Capacity Building Development	Usefulness of health management calendar for Ganjam goats	1	1	OFF	16.09.2025									25
Formation & Management of SHG	Orientation and capacity building of Para-extension workers (Progressive farmers) for technology dissemination in grass root level.	1	1	OFF	13.10.2025									25
Leadership management	Formation of groups for	1	1	OFF	16.10.2025									25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
	aggregation & marketing of village produce													
Capacity Building Development	Income generation through agricultural and allied agricultural sector.	1	1	OFF	11.12.2025									25
Capacity Building Development	Improved techniques of Seed treatment in Sesame	1	1	OFF	15.12.2025									25
Capacity Building Development	Improved techniques of Seed treatment in Greengram	1	1	OFF	16.12.2025									25
Mobilization of social capital	Orientation & awareness programme on Farmers Producers Organization	1	1	OFF	18.12.2025									25
Pisciculture	Species Selection and stocking density management in fish Pond	1	1	OFF	29.06.2025									25
Pisciculture	Pre stocking management of Fish Ponds	1	1	OFF	04.07.2025									25
Pisciculture	Seed rearing and Production of Yearlings	1	1	OFF	19.7.2025									25
Pisciculture	Integrated fish farming	1	1	OFF	13.08.2025									25
Pisciculture	Fish feed preparation and feeding	1	1	OFF	02.09.2025									25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
	management in fish pond													
Pisciculture	Fish disease management and control	1	1	ON	30.12.2025									25

(b) Rural youths

Thematic area	Title of Training	No.	Duration (Days)	Venue ON/OFF	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Production of organic input	Vermicomposting	1	2	ON	25.08.2025 26.08.2025									15
HOV	Nursery management in horticultural `crops	1	2	ON	08.10.2025 & 09.10.2025									15
Plant protection	Role of plant products & ITKs for pest control	1	2	ON	21.07.2025 & 22.07.2025									15
Mushroom cultivation	Spawn production	1	2	ON	08.09.2025 09.09.2025									15
Sheep and goat rearing	Income generation through scientific Dairy farming	1	2	ON	23.09.2025 & 24.09.2025									15
Poultry farming	Low input technology (LIT) poultry farming – A futuristic approach for small farmers	1	2	ON	11.12.2025 & 12.12.2025									15
Capacity Building Development	Value chain management For profitable Agribusiness	1	2	ON	24.07.2025 & 25.07.2025									15
Capacity Building Development	Orientation and awareness programme on Custom hiring centres for betterment of farming community	1	2	ON	19.12.2025 & 20.12.2025									15

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue ON/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Crop management	Artificial intelligence use in crop production	1	1	ON	12.09.2025									15
HOV	Training & pruning in fruit crop	1	1	ON	29.12.2025									15
Household food security	Food & nutrition security through fortification programmes	1	1	ON	22.08.2025								15	15
Women and child care	Dietary management for pregnant and lactating women	1	1	ON	10.10.2025								15	15
Animal production	Importance of feed & feed formulation for Livestock health & management	1	2	ON	23.09.2025 24.09.2025									15
Capacity building for ICT application	ICT-led knowledge management and usage patterns in Agriculture	1	1	ON	23.09.2025								10	10

Abstract of Training: Consolidated table (ON and OFF Campus)

Farmers and Farm women

Thematic Area	No. of Cours	No. of Participants			Grand Total
		SC	ST	Other	

	es	M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	2												50
Resource Conservation Technologies													
Nutrient management	4												100
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	4												100
Fodder production													
Production of organic inputs													
Others,													
TOTAL	**10**												**250**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	5												125
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Cultivation of Vegetable													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Integrated Crop Management	2												50
TOTAL	**7**												**175**
c) Ornamental Plants													
Nursery Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL													
IV. Livestock Production and Management													
Dairy Management	2												50
Poultry Management	1												25
Piggery Management													
Rabbit Management													
Disease Management	1												25
Feed management	2												50
Others, if any (Goat farming)	2												25
TOTAL	**8**												**200**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1												25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1												25
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	3												75
Income generation activities for empowerment of rural Women	4												100
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others (Mushroom cultivation)	2												50
TOTAL	**11**												**275**
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management	4												100
Integrated Disease Management	5												125
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others (Income generation)	1												25
TOTAL	**10**												**250**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	6												150
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL	**6**												**150**
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development	1												25
Group dynamics													
Formation and Management of SHGs	1												25
Mobilization of social capital	1												25
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any	7												125
TOTAL	**10**												**250**
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	**62**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1550**

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Spawn Production	1												15
Bee-keeping													
Integrated farming													
Seed production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements/custom hiring	1												15
Nursery Management of Horticulture crops	1												15
Training and pruning of orchards													
Vermicomposting	1												15
Production of quality animal products													
Dairying													
Sheep and goat rearing	1												15
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1												15
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Value chain management	1												15
Others (ITK)	1												15
TOTAL	**8**												**120**

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Training and pruning of fruit crops	1												15
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1												15
Care and maintenance of farm machinery and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
implements													
WTO and IPR issues													
Dairy farming	1												15
Livestock feed and fodder production													
Household food security	1												15
Women and Child care	1												15
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
AI in crop production	1												15
Others if any													
TOTAL	**6**												**90**

4. Frontline demonstration to be conducted* 1

Crop: Groundnut (High yielding variety of Ground nut)
Thrust Area: Integrated Crop Management
Thematic Area: Varietal evaluation
Season: Rabi, 2025 (Year – I)
Farming Situation: Rice - Groundnut

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Groundnut	2/10	Cultivation of ground nut variety " Kalinga ground nut-101". (Source- OUAT, 2021)	Pod/plant, Pod wt./plant, Shelling (%), yield	seed											10

Extension and Training activities under FLD: high yielding variety of Ground nut

Activity	Title of Activity	No.	Clientele	Duration	Venue ON/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Farmer's training	ICM in Groundnut	1	Farmer/FW	1	Off									25
Field day	Field day on high yielding variety of Ground nut	1	Farmer/FW	1	Off									50

Frontline demonstration to be conducted* 2

Crop: Sunflower (Integrated Crop Management in Sunflower**)**
Thrust Area : Integrated Crop Management
Thematic Area: varietal evaluation
Season:Rabi, 2025 (Year –I)
Farming Situation: Rice-Sunflower

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
2	Sunflower	2/10	STD (RDF: 60:80:60 kg $N:P_2O_5:K_2O$/ha) + FYM@ 5t/ha and biofertilizer application (Azotobacter, Azospirillium and PSB, 1:1:1 @ 4kg each/ha) incubated with FYM for 7 days for higher yield.	Number of Heads/plant, Diameter of head(cm), yield (q/ha), B:C ratio												10

Extension and Training activities under FLD: Integrated Crop Management in Sunflower

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	ICM in sunflower	1	F/FW	1 day	off									25
Field day	ICM in sunflower	1		1 day	off									50

Frontline demonstration to be conducted *3
Crop:Mango (Anthracnose disease in Mango)
Thrust Area: Disease management
Thematic Area Integrated Disease management
Season: Rabi, 2025(II)
Farming Situation: Irrigated medium land

SL. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
3	Mango	2.0/10	Spray with Hexaconazole 5%SC @ 2ml/l at pea stage followed by spraying of (Tebuconazole 50% + Trifloxystrobin25% WG) @ 0.4g/l after 15 days and 3rd spray at 30 days prior to harvest again with Hexaconazole 5%SC followed by post harvest hot water dip treatment (520C for 10 minutes). (Source : OUAT Annual Report 2018	Affected leaves %, Affected fruit%	Tebuconazole + Trifloxystrobin, Hexaconazole	6000											10

Extension and Training activities under FLD on Anthracnose disease in Mango

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Disease management in Mango	1	Farmer /FW	1	Off									25
Field day	Field day on Mango	1	Farmer /FW	1	Off									50

Frontline demonstration to be conducted* 4
Crop: Tomato (Wilt complex in Tomato by using JIVAMRITA & BIJAMRITA**)**
Thrust Area:
Thematic Area: ICT
Season: Rabi, 2025 (Year-I)
Farming Situation: Irrigated-medium land

SL. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
4	Tomato	2/10	Application of prepared Bijamrita for seed treatment , dry the mixture under shade before 24 hours of sowing and application of 500lt. of Jivamrita per ha with irrigation of water at an interval of 15-20 days on standing crop @ 5-6 times (Source : Manual NCOF, Gaziabad 2020)	PDI (%), Cost of intervention, Yield, ICBR & farmers' feedback	Bizamrita & Jivamrita	7000										10

Extension and Training activities under FLD on Wilt complex in Tomato by using JIVAMRITA & BIJAMRITA

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Farmer's training	Wilt complex in Tomato	1	Farmer/FW	1	Off									25
Field day	Field day on Tomato cultivation	1	Farmer/FW	1	Off									50

Frontline demonstration to be conducted* 5
Crop: **Chilli (**Polythene mulching in Chilli for higher yield profitability**)**
Thrust Area: INM
Thematic Area: Integrated Nutrient Management in Chilli
Season: *Kharif* 2025 (II)
Farming Situation: Irrigated up land

	Crop & variety / Enterprises	**Proposed Area (ha)/ Unit (No.)**	**Technology package for demonstration**	**Parameter (Data) in relation to technology demonstrated**	**Cost of Cultivation (Rs.)**			**No. of farmers / demonstration**								
								SC		**ST**		**Other**		**Total**		
					Name of Inputs	**Demo**	**Local**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
5	Chilli	1 ha/10	Spray of PGRS comprising of NAA @ 15ppm + Salicyclic Acid @150 ppm (Source- ICAR-IIVR, Varanasi, 2018)	No. of fruits /plant, Yield of Fruit/plant, Yield (Q/ha), B:C ratio	Polythene, seedling											10

Extension and Training activities under FLD on polyethene mulching in Chilli for higher yield profitability

Activity	**Title of Activity**	**No.**	**Clientele**	**Duration**	**Venue On/Off**	**No. of Participants**								
						SC		**ST**		**Other**		**Total**		
						M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
Field day	Field day on Chilli	1	Farmer/FW	1	Off									50
Farmer's training	Cultivation of Chilli using polythene mulching	1	Farmer/FW	1	Off									25

Frontline demonstration to be conducted* 6

Crop: **Bean (**Okra variety Kashi Chaman**)**
Thrust Area: vegetable production
Thematic Area: Varietal evaluation
Season: *Kharif*, 2025 (I)
Farming Situation: Irrigated upland

SL. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
6	Okra	1 ha/10	Var. Kashi Chaman	Fruit length(cm), Fruit of pods/plant, Yield(q/ha), B:C ratio	seed											10

Extension and Training activities under FLD on Okra variety Kashi Chaman

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day on Okra	1	Farmer /FW	1	Off									50
Farmer's training	cultivation practices of Okra	1	Farmer /FW	1	Off									25

Frontline demonstration to be conducted* 7

Crop: Strawberry (Different mulching on growth yield of strawberry)
Thrust Area: Fruit cultivation
Thematic Area: ICM
Season: *Rabi* 2025 (I)
Farming Situation: Irrigated medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
7	Strawberry	1.0/10	Fertilizers (NPK@120:80:60kg/ha) only transparent polyethene mulching (Source- Visva Bharati, Sriniketan, West Bengal, 2014)	Plant ht. (cm), No. of runners Yield, B:C Ratio	Mulching material, NPK											10

Extension and Training activities under FLD: Different mulching on growth yield of strawberries

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day on Strawberry	1	F/FW	1	Off									50
Farmer's training	Package of practices for Strawberry cultivation	1	F/FW	1	Off									25

Frontline demonstration to be conducted* 8

Crop: **Guava (**Training & pruning in Guava**)**

Thrust Area: Fruit Cultivation

Thematic Area: ICM

Season: Kharif, 2025 (Year – I)

Farming Situation: Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
8	Guava	1.0	Plant height is maintained at 60 cm and allowed 4 side branches (Source- CHES 2018)	No. of fruits/plant, Fruit weight, Fruit yield/plant, Yield (q./ha)	Secateaur				4				6			10

Extension and Training activities under FLD: training & pruning in Guava

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Guava Cultivation	1	Farmwomen Extension	1	Off		10		20		10		40	40
Training	Guava	1	Farmwomen	1	Off		5				20		30	25

Frontline demonstration to be conducted* 9

Crop: Blackgram (Mechanized Phoola Bari maker)
Thrust Area: Comfort elevation
Thematic Area: Comfort elevation
Season: *Rabi*, 2025 (Year-II)
Farming Situation: Homestead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
9	Balckgram (Mechanized Phoola Bari maker)	10 SHGs	Mechanized phoola bari Mold and die of 1 kg batter holding capacity (165 x 165 x 165 mm size) have been developed for phool bari preparation with four droppings at a time. Production capacity of phhol bari in the developed mould is 5 kg/h, which is four times higher than manual method. The tool can save time and reduce drudgery of phool bari preparation. (Source- CAET, OUAT, 2021-22)	Bari making efficiency (kg/hr), Labour saving (%), Comfort elevation (%)	Mechanized Phoola Bari maker, Blackgram										10	10

Activities under FLD: Mechanized Phoola Bari maker

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Mechanized Phoola Bari maker	Training , Field day	2	Farmer	2days	Off								75	75

Frontline demonstration to be conducted* 10

Crop- Tuberose (Tuberose cultivation for income generation of farm women)
Thrust Area: Tuberose cultivation
Thematic Area: Income generation
Season: *Kharif,* 2025 (Year-Il)
Farming Situation: Irrigated upland

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
10	Tuberose (Prajwala)	0.5 ha	Cultivation of variety Prajwala with spacing 30cm x 20 cm, NPK::200:200:200 kg/ha. (Source- IIHR Bangalore, 2014)	No. of Flower/ spike , Avg. flower wt. Yield (q/ha)	Tuberose sucker										**10**	**10**

Extension and Training activities under FLD: Tuberose cultivation for income generation of farm women

Activity	Title of Activity	No.	Clientele	Duration	Venue On/ Off	No. of Participants							
						SC		ST		Other		Total	
						M	F	M	F	M	F	M	F
Tuberose cultivation	Training , Field day	2	Farmer	2days	Off								

Frontline demonstration to be conducted*11
Crop- Tomato (Tomato powder for increasing self-life and income generation)
Thrust Area:
Thematic Area: Income generation
Season: *Rabi* 2025 (Year-l)
Farming Situation: Homestead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
11	Tomato	10 units	Preparation of tomato powder: washing & cutting of tomato into slices (5mm & drying @ 180 degrees for 10 hours. The dehydrated pieces are ground into powder. It can be safely stored for 9 months. (Source- Post Harvest Technology, TNAU, 2015)	Sensory evaluation, keeping quality, Nutritive value per 100 gms. Of powder, Conversion ratio, cost of preparation, Net return, BC ratio	Packaging material										**10**	**10**

Extension and Training activities under FLD: Tomato powder for increasing self-life and income generation

Activity	Title of Activity	No.	Clientele	Duration	Venue On /Off	No. of Participants							
						SC		ST		Other		Total	
						M	F	M	F	M	F	M	F
Tomato	Training , Field day	2	Farmer	2days	Off								

Frontline demonstration to be conducted*12
Crop- Tomato (Ganga Maa Mandal Nutri-garden model for household nutrition security)
Thrust Area:
Thematic Area:
Season: *Rabi* 2025 (Year-l)
Farming Situation:

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					N Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
12	Fruits & vegetable	5 units	The Ganga Maa model Mondal Model is a circular garden layout covering less than 800sq. ft. with a 30 feet diameter divided into 4 concentrate ring separated by 1.5 feet wide walkways for easy access at the center is 3 foot wide, 2 foot-deep compost feet for recycling organic waste tall & vine crop like Banana, Papaya & Bottlegourd along the outering, while inner ring host a mix of seasonal vegetables & leafy greens. This design maximizes space, support year round cultivation, and promote soil health through integrated composting. (Source- Gujurat Vidyapith, Krishi Vigyan Kendra, 2020)	Nutritional availability per member per day, Avg. consumption of vegetable (g/member/day), Avg. yield, Net return B:C ratio	Seedling, sapling, protray, vermi culture, plastic net										5	5

Extension and Training activities under FLD: Ganga Maa Mandal Nutri-garden model for household nutrition security

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants							
						SC		ST		Other		Total	
						M	F	M	F	M	F	M	F
Tomato	Training , Field day	2	Farmer	2days	Off								

Frontline demonstration to be conducted* 13

Crop: Fodder (Supplementation of mineral mixture & dried curry leaves powder on fertility of CB cattle**)**

Thrust Area: Cattle farming
Thematic Area: LPM
Season:Y,2025 (I)
Farming Situation: Semi - intensive

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
13	Cattle	10 no	Supplementation of mineral mixture (@ 50g for 60 days) & dried curry leaves powder (@ 100g for 14 days) on fertility of CB cattle (Source – SLREC OUAT 2025)	Reduction in anestrous, age at heat, conception rate	Mineral mixture											5

Extension and Training activities under FLD: Supplementation of mineral mixture & dried curry leaves powder on fertility of CB cattle

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants				
						SC	ST	Other	Total	

						M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
Training	Cattle farming	1	F/FW	1	Off									25

Frontline demonstration to be conducted* 14

Crop: Goat (Dietary supplementation of mineral mixture and concentrate on juvenile growth of goats)
Thrust Area: Goat farming
Thematic Area: LPM
Season:Y,2025 (II)
Farming Situation: Semi-intensive

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
14	Goat	10 & 100 Kids	Feeding of kids (3months of age) with mineral mixture (**ASMM**) @ 10g/day and concentrate @ 50-80 g/goat/day up to 60 days (Source : ICAR - CIRG, Mathura, 2017-18)	Body weight at 3, 4, 6 months, % of mortality, Meat production	Concentrate mixture + Mineral mixture											10

Extension and Training activities under FLD: Dietary supplementation of mineral mixture and concentrate on juvenile growth of goats

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Management of Goat	1	F/FW	1	Off									25

Frontline demonstration to be conducted* 15

Crop: Dairy (Low cost concentrate feed mixture with Vit E & Se therapy on reproductive performances of CB heifers**)**
Thrust Area: Nutrition & production
Thematic Area: LPM
Season:Rabi,2025(I)
Farming Situation: Semi-intensive

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
15	Dairy	10 no	Low-cost concentrate feed (Maize 25%, Broken rice 25%, wheat Bran 30%, GNOC 10%, Mineral Mix 2.5%, Salt 0.5% CP = 14.4%) mixture with vitE & Se therapy on reproductive performances of CB heifers (Source- OUAT SLREC 24-25, ICAR-IGFRI, Jhansi -2017)	Avg. Body weight at puberty Avg. Age at first heat (month) Calf birth wt Retention of placenta incidence	Low cost feed & Vit E – Se therapy											10

Extension and Training activities under FLD: Low cost concentrate feed mixture with Vit E & Se therapy on reproductive performances of CB heifers

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Feed & fodder management in dairy animals	1	RY	2	On									20

Frontline demonstration to be conducted* 16

Crop: Poultry (Backyard or low input technology (LIT bird breed-Kalinga Pallishree)**)**
Thrust Area: Poultry farming
Thematic Area: LPM
Season:Rabi,2025(II)
Farming Situation: Backyard poultry

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
16	Poultry	10 nos & 500 birds	Rearing of OUAT Kalinga Palishree chicken breed with proper brooding management for 21 days followed by free range feeding (Breed characteristics: Body weight: Cock 2.5-3.5 kg, hen 1.6-2.5 kg, Age at first egg: 7 months, Egg shell colour: Light brown Annual egg production (numbers): 100-120). (Source: OUAT BBSR, 2022)	Average body weight of cock and hen at 20 weeks, Annual egg production, B:C Ratio	OUAT Kalinga Palishree chicken breed											10

Extension and Training activities under FLD: Low input technology (LIT) poultry breed OUAT Kalinga Pallishri in backyard

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Aspects of Backyard poultry farming for income generation	1	F/FW	1	Off									25

Frontline demonstration to be conducted* 17
Commodity: Goat (Low cost feed formulation for semi-intensive poultry**)**
Thrust Area: Goat farming
Thematic Area: LPM
Season: Throughout the year, 2025 (I)
Farming Situation: free ranging

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
17	Poultry	10 units	Low cost feed formulation (Ground maize 30%, GNOC 23%, Fish meal 10%, Wheat bran 15%, Broken rice 20%, Mineral mix and Salt 2% CP: 18.1, ME: 2521Kcal) for semi-intensive poultry	Feed cost reduction, body wt gain	Low cost feed											10

Extension and Training activities under FLD: Low cost feed formulation for semi-intensive poultry

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Scientific backyard poultry farming	1	F/FW	1	Off									25
Field Day		1	F/FW											50

Frontline demonstration to be conducted* 18

Crop- Vegetables (Effectiveness of short technology videos on technology adoption)
Thrust Area: short technology videos production
Thematic Area: ICT
Season: *Rabi*, 2024 (Year-I)
Farming Situation:

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
18	Vegetables	2 nos of video (30 each)	Preparation of small videos (0.5-2.0 minutes) on different activities of production process of selected commodities and the same will be sent through WhatsApp to the identified group of farmers., (MANAGE, 2016)	Informative and timeliness of the information/technology/skill delivered -Ease in understanding the method and process depicted in the video -Retention, retrieval & re-use of the content												**60**

Extension and Training activities under FLD: Effectiveness of short technology videos on technology adoption

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants							
						SC		ST		Other		Total	
Field Day	Training Field day	2	Farmer	2days	Off								75

Frontline demonstration to be conducted* 19

Commodity: Goat (Usefulness of health management calendar on Goats for improving the technical knowledge of farmers and application of technology)

Thrust Area: Goat farming

Thematic Area: LPM

Season: Throughout the year, 2024 (II)

Farming Situation: free ranging

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
19	Goat	10 units (200 Goat)	A colourful calendar in local language will be printed and which include pictures and information related to de-worming, vaccination, supplement feeding, pregnant animal care etc.	Applicability of calendar, Accessibility of calendar , Knowledge level, change in attitude Morbidity & mortality % of animal Communicability	Multi-colour calendar											60

Extension and Training activities under FLD: Usefulness of health management calendar for Ganjam goats

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Usefulness of health management calendar for Ganjam goats	1	F/FW	1	Off									25
Field Day		1	F/FW											50

Frontline demonstration to be conducted* 20

Crop- Carp (CIFA-Carp grower feed in grow out pond)
Thrust Area: Feed management
Thematic Area: Composite pisciculture
Season: *Rabi*, 2025 (Year-II)
Farming Situation: Rainfed

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
20	Pisciculture	05 nos	Feeding with "CIFA-Carp grower Floating feed" to stunted fingerlings with gradually decreasing feeding rate 3 to 1% of total biomass daily during the culture period. Source: (CIFA, Bhubaneswar, 2019)	FCR, Growth, Yield, B:C ratio	CIFA carp grower Feed											**05**

Extension and Training activities under FLD: CIFA-Carp grower feed in grow out pond

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants							
						SC		ST		Other		Total	
Field Day	Training Field day	2	Farmer	2days	Off								75

Frontline demonstration to be conducted* 21

Crop- Carp (Genetically Improved (GI) catla in composite carp culture)
Thematic Area: Composite pisciculture
Season: *Kharif*, 2025 (Year-II)
Farming Situation: Rainfed

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
21	Pisciculture	05 nos	Culture of genetically improved Catla in composite carp culture @30-40% along with IMC Source: (CIFA, Bhubaneswar, 2019)	Growth, Yield, B:C ratio	GI catla seed											05

Extension and Training activities under FLD: Genetically Improved (GI) catla in composite carp culture

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants							
						SC		ST		Other		Total	
Field Day	Training Field day	2	Farmer	2days	Off								75

Frontline demonstration to be conducted* 22

Crop- Carp (Polyculture of Prawn along with carp**)**
Thematic Area: Composite pisciculture
Season: *Kharif*, 2025 (Year-II)
Farming Situation: Rainfed

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
22	Pisciculture	05 nos	Stocking of freshwater prawn PL-10,000 nos. with stunted fingerlings of Catla – 3000 nos., rohu-2000nos. grass carp- 500nos per ha. **Source:** (NFDB News letter, 2016)	Yield, profit, BC ratio												**05**

Extension and Training activities under FLD: Polyculture of Prawn along with carp

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants							
						SC		ST		Other		Total	
Field Day	Training Field day	2	Farmer	2days	Off								75

5. a) Seed and planting material production by utilization of instructional farm (Crops / Enterprises)

Name of the Crop / Enterprise	Variety / Type	Period From January,2025 to December, 2025)	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Rice	MTU-1061	Kharif-2025	5.0	Seed	200.0			
Ragi	Arjuna	Kharif, 2025	1.0	Seed	10.0			
Blackgram	Sashi	Rabi, 2025	2.0	Seed	5.0			
Tomato	Arka Rakshak	Kharif & Rabi, 2025		Seedling	18000 nos.			
Chilli	Aka Saanvi	Kharif-2025		Seedling	6000 nos.			
Papaya seedling	Vinayak	Kharif-2025		PM	800 nos			
Brinjal	Swarna Shyamali, Akshita	Kharif & Rabi-2025		Seedling	31000 nos.			
Guava gootee	Bihi	Kharif-2025		PM	120 nos			
Kagzi Lime Gotee	Kagzi	Kharif-2025		PM	400 nos			
Onion	Nasik Red	Rabi -2025		Seedling	36000 nos			
Mushroom spawn	Oyster & paddy straw	Round the year		Others	3500 bottles			
Mushroom	Oyster & paddy straw	Round the year		Others	100 kg			
vermicompost		Round the year		others	3000kg			
vermin	E.foetida	Round the year		others	20 kg			
Poultry chick	Kalinga Pallishree, Colour synthetic, Duck, Quail	Round the year		others	2500 nos			
Fodder	CO4	Round the year		Others	10000 slip			
Honey	Apis cerena indica	Round the year		others	6 kg.			
Fingerling	IMC	Round the year		Others	10000 nos			

b) Village Seed Production Programme

Name of the Crop / Enterprise	Variety / Type	Period From…… to ……..	Area (ha.)	No. of farmers	Details of Production				
					Type of Produce	Expected Production(q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)

6. Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	28										1324
2.	KisanMela	6										700
3.	KisanGhosthi	2										150
4.	Exhibition	3										300
5.	Film Show	30										500
6.	Method Demonstrations	20										280
7.	Farmers Seminar	4										60
8.	Workshop	4										90
9.	Group meetings	25										250
10.	Lectures delivered as resource persons	35										750
11.	Advisory Services	100										100
12.	Scientific visit to farmers field	400										300
13.	Farmers visit to KVK	1800										1800
14.	Diagnostic visits	44										200
15.	Exposure visits	4										200
16.	Ex-trainees Sammelan	3										200

17.	Soil health Camp											
18.	Animal Health Camp	2										100
19.	Agri mobile clinic											
20.	Soil test campaigns	5										150
21.	Farm Science Club Conveners meet											
22.	Self Help Group Conveners meetings	4										70
23.	Mahila Mandals Conveners meetings											
24.	Celebration of important days (specify)	14										750
25.	Swatchta Hi Sewa	8										600
26.	Mahila Kisan Diwas	1										200
27.	Any Other (Specify)											
	Total	**2542**										**9074**

Revolving Fund (in Rs.)

Opening balance of 2025-2026 (As on 01.04.2025)	Amount proposed to be invested during 2025-2026	Expected Return
	7,00,000	**9,00,000**

7. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)

9. On-farm trials to be conducted* 1

i. **Season: Rabi, 2025** (Year-I)

ii. **Title of the OFT: ASSESSMENT OF EFFECT OF FOLIAR NUTRITION IN BLACKGRAM**

iii. **Thematic Area:** Nutrient Management

iv. **Problem diagnosed:** Low yield of Blackgram

v. **Important Cause:** Existing low yield

vi. **Production system:** Rice-Blackgram

vii. **Micro farming system:** Rainfed Medium land

viii. **Technology for Testing:** Foliar nutrition in Blackgram

ix. **Existing Practice:** Application of NPK 20:40:40

x. **Hypothesis:** Nutrient management of Blackgram will increase the yield and net return

xi. **Objective(s):**

xii. **Treatments:**

(a) **Farmers Practice (FP):** Application of NPK 20:40:40, No foliar nutrition

(b) **Technology option-I (TO-I):** 50% RDF as basal + foliar sprays of 10% vernmiwash at pre-flowering and pod formation stage.

(c) **Technology option-II (TO-II):** 75% STBF +foliat application of NPK 18:18:18 @ 2% at 25 and 40 DAS

xiii. **Critical Inputs:** NPK 18:18:18

xiv. **Unit Size:** 1.0 ha

xv. **No of Replications:** 7

xvi. **Unit Cost:** 2500

xvii. **Total Cost:** 17500

xviii. **Monitoring Indicator:** Number of branches/plant, number of seeds/pod, test weight, seedyield (q/ha), stover yield (q/ha), B:C ratio,

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** AAU Gujarat, 2022-23 OUAT (MULLaRP,2024,OUAT (MULLaRP), 2017-18

On-farm trials to be conducted* 2

i. **Season: Kharif, 2025** (Year-II)

ii. **Title of the OFT: ASSESSMENT OF IWM PRACTICES IN PIGEON PEA**

iii. **Thematic Area:** Weed management

iv. **Problem diagnosed:** Low yield due to heavy weed infestation

v. **Important Cause:** Unavailability of suitable herbicide

vi. **Production system:** Pigeonpea-sweet corn

vii. **Micro farming system:** Rainfed upland

viii. **Technology for Testing:** IWM practices in pigeonpea

ix. **Existing Practice:** Manual weeding at 25 DAS

x. **Hypothesis:** Weed management of Pigeonpea will increase the yield and net return

xi. **Objective(s):**

xii. **Treatments:**

(a) **Farmers Practice (FP):** Manual weeding at 25 DAS

(b) **Technology option-I (TO-I):** Pre emergence application of Pendimethalin (30 EC) @0.75 kg/ha at 3 DAS+ Post emergence application of Imazethapyr (10 SL) @ 100 g a.i. /ha + 1 HW at 50 DAS

(c) **Technology option-II (TO-II):** Pre emergence application of Pendimethalin (30 EC) @0.75 kg/ha at 3 DAS+ Post emergence application of propaquizalfop 2.5%+Imazethapyr (3.75% w/w) @ (50+ 75 g) a.i./ha + 1 HW at 50 DAS

xiii. **Critical Inputs:** Propaquizalfop 2.5%+Imazethapyr, Imazethapyr

xiv. **Unit Size:** 1.0 ha

xv. **No of Replications:** 7

xvi. **Unit Cost:** 2500

xvii. **Total Cost:** 17500

xviii. **Monitoring Indicator:** WCE %, WI%, Grain yield (kg/ha), B:C ratio,

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** AICRP on Pigeon pea, 2013**,** AICRP on Pigeon pea, 2022-23

ON-FARM TRIALS TO BE CONDUCTED 3

i. **Season:** *Rabi*, 2025 (Year-II)

ii. **Title of the OFT: ASSESSMENT OF HERBICIDES FOR WEED MANAGEMENT IN TOMATO**

iii. **Thematic Area:** Weed management

iv. **Problem diagnosed:** Low yield due to heavy weed infestation.

v. **Important cause :** Low yield due to heavy weed infestation

vi. **Production system:** Rice -vegetable

vii. **Micro farming system:** Irrigated up land

viii. **Technology for Testing:** Use of herbicide for weed management

ix. **Existing Practice:** Manual weeding

x. **Hypothesis :** Use of Herbicide for weed management

xi. **Objective(s):** To evaluate two different herbicide for weed control
To evaluate effect of herbicide on yield
To assess decrease in cost of cultivation

xii. **Treatments:**

a) **Farmers Practice (FP):** Manual weeding

b) **Technology option-I (TO-I):** Pre-emergence application of pendimethalin (30% EC) 1kg/ha a.i followed by one hand weeding on 30 days after transplanting

c) **Technology option-II (TO-II):** Pre emergence application of Metribuzin (70%WP) 750 g/ha a.i followed by one hand weeding on30 Days after Transplanting

xiii. Critical Input :

xiv. **Unit Size:** 0.1 ha

xv. **No of Replications:** 7

xvi. **Unit Cost:** 2500

xvii. **Total Cost:** 17500

xviii. **Monitoring Indicator:** No. of fruits /plant, % of disease infection

xix. **Source of Technology :** ICAR-Directorate of Weed Research

ON-FARM TRIALS TO BE CONDUCTED 4

i. **Season:** *Kharif 2025* (Year-II)

ii. **Title of the OFT: ASSESSMENT OF INM PRACTICES IN BANANA**

iii. **Thematic Area:** Integrated Nutrient Management

iv. **Problem diagnosed:** Low yield due to improper nutrient management

v. **Important Cause** : Improper nutrient management

vi. **Production system:** Fruit cultivation

vii. **Micro farming system:** Irrigated upland

viii. **Technology for Testing:** INM practices in Banana

ix. **Existing practice:-** Application of fertilizer @ 200:100:100 g NPK/plant

x. **Hypothesis :** Integrated Nutrient Management practice in Banana

xi. **Objective(s):** To assess INM practices for higher yield

To assess INM practices suitable for saline soil condition

Treatments:

xii. **Farmers Practice (FP):**Application of fertilizer @ 200:100:100 g NPK/plant

a. **Technology option-I (TO-I):** Application of 75% RDF (300:100:300 g NPK/plant) + 125 gm each of Azotobactor ,Azospirillum & PSB (incubated in FYM) per plant

b. **Technology option-II (TO-II):** Application of gypsum 2 kg/ plant + FYM 15 kg/ plant + recommended of N, P and 120% K in saline sodic soil increased the yield by 51 % over control.

xiii. **Critical Inputs: Bio fertilizer** and fertilizer

xiv. **Unit Size:** 0.1 ha

xv. **No of Replications:** 7

xvi. **Unit Cost:** 2500

xvii. **Total Cost:** 147500

xviii. M**onitoring Indicator:** No. of fingers /bunch, bunch weight

xix. **Source of Technology :** Dept. of Fruit science OUAT, 2014-15 and NRC Banana, 2013-14

ON-FARM TRIALS TO BE CONDUCTED 5

i. **Season: Kharif**, 2025 (Year –I)

ii. **Title of the OFT: ASSESSMENT OF PRODUCTION OF STRAW MUSHROOM FROM SEMI-COMPOSTED SUBSTRATE**

iii. **Thematic Area:** Mushroom Production

iv. **Problem diagnosed:** Low yield of paddy straw mushroom from bundled straw

v. **Important cause**- The biological efficiency paddy straw mushroom is low

vi. **Production system:** Homestead

vii. **Micro farming system:**

viii. **Technology for Testing:** Using semi compost substrate for paddy straw mushroom cultivation

ix,. **Existing Practice** Mushroom cultivation from bundled straw

x. **Hypothesis:** Use of semi compost substrate for paddy straw mushroom cultivation increases the biological efficiency & decrease cost of cultivation

xi. **Objective(s**): Increase the biological efficiency of Paddy straw mushroom cultivation

xii. **Treatments:**

a. Farmers Practice (FP): Mushroom production by using bundled straw
b. Technology option-I (TO-I): Chopped bundled starw of size 2 to 3 inches + wheat bran (6%) + chicken manure (1.5%) + calcium carbonate (2%) Source: AICRP Mushrrom, OUAT 2024)
c. Technology option-II (TO-II): Crumbled starw + wheat bran (6%) + chicken manure (1.5%) + calcium carbonate (2%) Source: AICRP Mushroom, OUAT 2024)

xiii. **Critical Inputs: Mushroom spawn, polythene, wheat bran, calcium carbonate**

xiv. **Unit Size:**

xv. **No of Replications: 7**

xvi. **Unit Cost: Rs.1300/-**

xvii. **Total Cost: Rs. 9100**

xviii. **Monitoring Indicator:** Days of pin head appearance, Average fruit body weight, Biological efficiency**.**

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** AICRP Mushroom, OUAT 2024

ON-FARM TRIALS TO BE CONDUCTED 6

i. **Season:** Rabi,2025 (Year –I)

ii. **Title of the OFT: ASSESSMENT OF VALUE-ADDED PRODUCTS OF MILLETS (MILLET BAR) FOR INCOME GENERATION**

iii. **Thematic Area:** Value addition

iv. **Problem diagnosed:** Limited value addition of Millet

v. **Important cause-** value addition of Millet for enhancing income

vi. **Production system:** Homestead

vii. **Micro farming system:**

viii. **Technology for Testing:** Different value added Millet bar

ix,. **Existing Practice** Limited value addition of Millet

x. **Hypothesis:** Preparation of different Millet bars will be enhanced the income & increased market acceptance

xi. **Objective(s**) : To study the income and market acceptance of different Millet Bars

xii. **Treatments:**

a) **Farmers Practice (FP):** Limited value addition of Millet

b) **Technology option-I (TO-I):** Preparation of Millet bar from roasted finger Millet – 20g, Roasted pearl Millet – 20g, Puffed Sarghum – 30g, Roasted Bengal gram – 20g, Roasted ground nut – 10g with Jaggery 40g.

c) **Technology option-II (TO-II):** Carotene enriched Millet Bar. Preparation of Millet bar from roasted finger Millet – 20g, Roasted peral Millet – 20g, Puffed Sarghum – 30g, Roasted Bengal gram – 20g, Roasted ground nut – 10g with Jaggery 40g & Beta carotene enriched Mango – 40g.

xiii. **Critical Inputs:** Finger millet, pearl Millet, Sarghum, Begal gram, groundnut, Jaggery, Mango, Packaging material

xiv. **Unit Size:**

xv. **No of Replications: 7**

xvi. **Unit Cost: Rs.700/-**

xvii. **Total Cost: Rs. 4900/-**

xviii. **Monitoring Indicator:** Self life (Days), Sensory evaluation (0-9-point hedonic scale) Nutritional profile/100g, Net return/kg. B:C ratio.

xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): Community Science & Research institute (TNAU, 2018-19)

ON-FARM TRIALS TO BE CONDUCTED* 7

i. **Season:** Kharif/Rabi, 2025 (Year-I)

ii. **Title of the OFT: ASSESSMENT OF DIFFERENT MILLET BASED FODDER CROPS ON LIVESTOCK PRODUCTION**

iii. **Thematic Area:** Livestock Production and Management

iv. **Problem diagnosed:** High grain & concentration cost, drought condition reducing conventional fodder production

v. **Important Cause:** Reproduction failure & production loss.

vi. **Production system:** Semi-intensive

vii. **Micro farming system:** Stall fed

viii. **Technology for Testing:** Pearl millet & Sorghum fodder for cattle

ix. **Existing Practice:** Hybrid Napier & other perennial fodder

x. **Hypothesis:** Higher green and higher nutritive value.

xi. **Objective(s):** Milk production, Drought tolerant fodder production

xii. **Treatments:**

a. Farmers Practice (FP): No fodder cultivation, grain & concentrate feeding, occasional cut grass feeding

b. Technology option-I (TO-I): Millet fodder crop (Pearl millet / Bajra)

(Indian Inst. of millet research, 2023-24)

c. Technology option-II (TO-II): Millet fodder crop (Sorghum)

(ICRISAT (2023)

xiii. **Critical Inputs:** Fodder seed

xiv. **Unit Size:** 5

xv. **No of Replications:** 5

xvi. **Unit Cost:** 2000

xvii. **Total Cost:** 10000

xviii. **Monitoring Indicator:** Production (q/ha), feeding rate, reduction in cost, milk production

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** Indian Inst. of millet research, 2023-24, ICRISAT, 2023

ON-FARM TRIALS TO BE CONDUCTED* 8

i. **Season:** Year Round, 2025 (Year-I)

ii. **Title of the OFT: ASSESSMENT OF DIFFERENT HOUSING SYSTEM ON BODY WEIGHT GAIN PERFORMANCE OF GOATS.**

iii. **Thematic Area:** Livestock Production and Management

iv. **Problem diagnosed:** High mortality due improper housing management

v. **Important Cause:** Nutritional management, feed cost

vi. **Production system:** semi-intensive

vii. **Micro farming system:** Semi-intensive, free ranging

viii. **Technology for Testing:** Efficient housing / platform system for goat

ix. **Existing Practice:** No platform, Floor housing

x. **Hypothesis:** Platform system for improving health and production

xi. **Objective(s):** Platform system for goat shed/ farming

xii. **Treatments:**

a) **Farmers Practice (FP):** Rearing of Goats in Kuccha floor

b) **Technology option-I (TO-I):** Rearing of Goats in Kuccha floor with bamboo platform

c) **Technology option-I (TO-II):** Rearing of Goats in Kuccha floor with plastic slatted sheet

xiii. **Critical Inputs:** Plastic slatted sheet

xiv. **Unit Size:** 5

xv. **No of Replications:** 5

xvi. **Unit Cost:** 4000

xvii. **Total Cost:** 20000

xviii. **Monitoring Indicator:** Weight gain in goats at 3 month, 6 month, 9 month, 12 month

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** OUAT Annual report 2022-23

ON-FARM TRIALS TO BE CONDUCTED* 9

i. **Season:** Year Round, 2025 (Year-II)

ii. Title of the OFT: ASSESSMENT OF DIFFERENT DUCK BREEDS IN BACKYARD

iii. **Thematic Area:** Livestock Production and Management

iv. **Problem diagnosed:** Duck breeds reared are purely traditional and less remunerative

v. **Important Cause:** Local breeds, Low production, High mortality, Less economy

vi. **Production system:** semi-intensive

vii. **Micro farming system:** Semi-intensive, free ranging

viii. **Technology for Testing:** Different duck breeds in backyard

ix. **Existing Practice:** Local duck or desi variety

x. **Hypothesis:** Low mortality, Higher production

xi. **Objective(s):** Finding a suitable Duck breed for the Agro-climatic zone.

xii. Treatments:

(a) Farmers Practice (FP): Local duck or desi variety

(b) Technology option-I (TO-I) : Khaki Campbell rearing in backyard

(c) Technology option-I (TO-II): Desi X Khaki Campbell cross rearing in backyard

xiii. **Critical Inputs:** 21 days brooded ducklings

xiv. **Unit Size:** 10

xv. **No of Replications:** 500

xvi. **Unit Cost:**

xvii. **Total Cost:** 20000

xviii. **Monitoring Indicator:** Chick mortality, Growth rate and egg productivity , BC ratio

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** ICAR-CARI, BBSR, 2016-17

,

ON-FARM TRIALS TO BE CONDUCTED* - 10

i. **Season:** *Kharif*, 2024 (Year-II)

ii. **Title of the OFT: ASSESSMENT OF EFFECTIVENESS OF DIFFERENT EXTENSION METHODS TO ACCESS INFORMATION ON RICE PRODUCTION**

iii. **Thematic Area**: ICT

iv. **Problem diagnosed:** Low rate of transfer of technology

v. **Important Cause :** Poor accessibility to accurate and timely information on technical knowledge/advisory in different production system

vi. **Production system:** Rice-pulses (Rainfed)

vii. **Micro farming system:** Rainfed, Upland, Irrigated, Medium land

viii. **Technology for Testing:** Effectiveness of different extension methods to access information on rice production

ix. **Existing Practice:** Farmers getting information from private apps & websites besides peer group, input dealers, extension functionaries, mass media, KMA

x. **Hypothesis :** The apps developed by Govt. institutions/Govt. undertaking institutions are more credible as far as dissemination of information is concern.

xi. **Objective(s):** To evaluate different extension methods to access information on rice production

xii. **Treatments:**

a) **Farmers Practice :** Farmers getting information from private apps & websites besides peer group, input dealers, extension functionaries, mass media, KMA
b) **Technology option-I (TO-1):** FP + Short Video Lecture+ Focus Group discussion
c) **Technology option-II (TO-2):** FP + Using of " Xpert" App.

xiii. **Critical Inputs:**

xiv. **Unit Size:** 90 farmers

xv. **No of Replications:** 2

xvi. **Unit Cost:**

xvii. **Total Cost:**

- xviii. **Monitoring Indicator:** Timely Availability / delivery of technology, suitability of technology, ease in handling, retention and retrieve information
- xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):**

ON-FARM TRIALS TO BE CONDUCTED* - 11

i. **Season:** *Year Round*, 2025 (Year-I)

ii. **Title of the OFT: ASSESSMENT OF GENDER RESPONSIVENESS IN CLIMATE SMART AGRICULTURE INTERVENTIONS DELIVERED THROUGH DIFFERENT CHANNELS**

iii. **Thematic Area**: Women in Agriculture

iv. **Problem diagnosed:** Despite widespread promotion of Climate Smart Technologies (CSTs), gender disparities in access, adoption, and benefit remain poorly understood, especially across different delivery models.

v. **Important Cause :** Limited outreach and gender-sensitive communication channels restrict women's participation and access to reliable agro-advisories, resulting in delayed adoption of Climate Smart Technologies (CSTs) across diverse production systems.

vi. **Production system:** Rice and Vegetables

vii. **Micro farming system:** Rainfed, Medium land

viii. **Technology for Testing:** Gender responsiveness in climate smart agriculture interventions delivered through different channels

ix. **Existing Practice:** CSTs accessed through input dealers & peers (informal/traditional networks)

x. **Hypothesis : H_0 (Null Hypothesis):**

There is no significant difference in gender responsiveness (access, knowledge, adoption, and empowerment) among different delivery channels of Climate Smart Agriculture interventions (informal networks, participatory group learning, and institutional platforms).

H_1 (Alternative Hypothesis):

Gender responsiveness (access, knowledge, adoption, and empowerment) significantly differs across delivery channels of Climate Smart Agriculture interventions, with participatory group learning platforms performing better than informal networks and institutional platforms.

xi. **Objective(s): Technologies are introduced via FIGs, WSHGs, or FPOs, or NGO-led participatory learning events promoting peer learning and collective decision-making.**

xii. **Treatments:**

a) **Farmers Practice :** CSTs accessed through input dealers & peers (informal/traditional networks)

b) **Technology option-I (TO-1):** CSTs introduced via participatory group learning (WSHGs, FPOs, SHG platform, NGO meetings)

c) **Technology option-II (TO-2):** CSTs delivered by KVK or institutional platforms

xiii. **Critical Inputs:**

xiv. **Unit Size:** 40 from each (20 male & 20 female)

xv. **No of Replications:** 7

xvi. **Unit Cost:**

xvii. **Total Cost:**

- xviii. **Monitoring Indicator:** Gender-disaggregated assessment of access to technology, extent of adoption, knowledge and skill enhancement, participation in decision-making, economic benefits realized, empowerment status, changes in awareness and capacity, adoption rate, cost reduction, and perceived improvements in resilience and livelihood security.

-

- xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** CRIDA, 2021 AR

10. List of Projects to be implemented by funding from other sources (other than KVK fund)

Sl. No.	Name of the project	Fund expected (Rs.)
1	NICRA	16,00,000
2	ARYA	13,00,000
3	DAMU	20,00,000

11. No. of success stories proposed to be developed with their tentative titles

12. Scientific Advisory Committee

Date of SAC meeting held during 2024	Proposed date during 2025
12.11.2024	06.12.2025

13. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC distributed
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F			
Soil Samples	450										35	2250
Water Samples												
Other (Please specify)												
Total	450										35	2250

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2025	Expected fund requirement (Rs.) during 2025-26
KVK	20,08,800	30,00,000
Total	20,08,800	30,00,000

* Any additional requirement may be suitably justified.

15. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data

Senior Scientist & Head
KVK, Ganjam-I