

ACTION PLAN

2026



କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର
कृषि विज्ञान केन्द्र
KRISHI VIGYAN KENDRA
NAYAGARH



ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
At: Panipola, P.O.: Balugaon, Dist.: Nayagarh, PIN : 752070, Odisha.

1. Name of the KVK:

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2. Name of host organization:

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3. Training programme to be organized

(a) Farmers and Farmwomen

Thematic area	Title of Training	N o .	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
IPM	Integrated insect pest management in organic and natural farming	1	01	Off	July,2026	3	0	2	0	20	0	25	0	25
IDM	Integrated disease management in organic and natural farming	1	01	Off	July,2026	2	0	1	0	22	0	25	0	25
IDM	Integrated management of sheath rot disease in rice	1	01	Off	Aug,2026	2	0	1	0	14	8	17	8	25
IDM	Integrated disease management in bitter gourd	1	01	Off	Oct,2026	2	1	2	1	18	1	22	3	25
IDM	Integrated disease management in potato	1	01	Off	Dec,2026	2	2	1	2	16	2	19	6	25
IPM	Integrated management of shoot and fruit borer in brinjal	1	01	Off	Aug,2026	3	0	2	0	20	0	25	0	25
IPM	Integrated management of leaf miner in tomato	1	01	Off	Sept,2026	2	1	1	1	18	2	21	4	25
IDM	Integrated disease	1	01	Off	Dec,2026	3	2	2	1	15	2	20	5	25

	management in green gram													
Farm Mechanization	Agricultural Drone sprayer for rice cultivation	1	01	Off	Aug 2026	1	0	5	7	9	3	15	10	25
Farm Mechanization	Use of small tools and implements for vegetable crops	1	01	Off	Sep 2026	2	0	3	0	20	0	25	0	25
Farm mechanization	Use of Tractor drawn Rice Straw Baler for crop residue management	1	01	Off	Oct 2026	2	2	5	5	8	3	15	10	25
Post Harvest Processing	Preparation procedure of Shelf stable sugarcane RTS	1	01	Off	Nov 2026	0	2	0	3	0	20	0	25	25
Post Harvest processing	Preparation of solid granular sugarcane jaggery	1	01	Off	Nov 2026	0	2	0	3	0	20	0	25	25
Farm Mechanization	Improving Spray Efficiency through Solar Operated Sprayers	1	01	Off	Nov 2026	5	1	1	3	14	1	20	5	25
Farm Mechanization	Use of Tractor Operated Super seeder for green gram sowing	1	01	Off	Nov 2026	2	2	5	5	8	3	15	10	25
Farm Mechanization	Improved Farm Machinery and Implements for Agricultural Operations	1	01	Off	Jan 2027	2	1	3	0	14	5	19	6	25
Income generation	Scientific techniques on cultivation of Paddy straw mushroom using semi composted substrates.	1	01	Off	July.2026	0	1	0	0	0	24	0	25	25
Nutrition management	Household food security by kitchen gardening and nutrition gardening	1	01	Off	June.2026	0	2	0	2	0	21	0	25	25
Nutrition management	Scientific technique of backyard	1	01	Off	Aug.2026	0	2	0	3	0	20	0	25	25

	drumstick cultivation to address malnutrition.													
Income Generation	Techniques of humidity management in paddy straw mushroom production	1	01	Off	June.2026	0	3	0	2	0	20	0	25	25
Organic manure production	Scientific methods of vermicomposting from spent mushroom substrate	1	01	Off	Sep.2026	0	2	0	5	0	18	0	25	25
Income Generation	Rearing of poultry bird in backyard	1	01	Off	Aug.2026	0	5	0	7	0	13	0	25	25
Value Addition	Preparation of Ragi Malt powder	1	01	Off	Oct.2026	0	1	0	1	0	23	0	25	25
Value Addition	Scientific process of preparation of mushroom soup mix.	1	01	Off	Dec. 2026	0	7	0	5	0	13	0	25	25
Soil health management	Restoring soil health by application of different components of natural farming	1	01	Off	June, 2026	3	2	0	0	18	2	21	4	25
Agroforestry management	Fruit and vegetable-based silviculture operations within an agroforestry model	1	01	Off	June, 2026	2	0	3	0	20	0	22	3	25
Production and use of organic inputs	Sustainable use of Biofertilizers in organic farming	1	01	Off	June, 2026	2	0	3	0	20	0	22	3	25
Income generation	Broom grass cultivation with upkeep techniques to generate revenue	1	01	Off	July, 2026	10	3	1	0	10	0	21	4	25
Tree management	Methods of management for various understory crops in forest plantations	1	01	Off	Aug, 2026	2	2	0	0	18	3	20	5	25

Value addition	Value addition of mahua flower for income generation	1	01	Off	Sept, 2026	4	1	3	3	12	2	19	6	25
Agroforestry management	Techniques of agroforestry for conserving soil	1	01	Off	Sept, 2026	3	2	0	0	15	5	19	6	25
Vermicomposting	Vermicomposting and its preparation	1	01	Off	Oct, 2026	2	2	0	0	18	3	20	5	25
Soil Health and Fertility Management	Significance of green manuring in improving soil health.	1	01	Off	June, 2026	5	2	5	2	10	1	20	5	25
Soil Health and Fertility Management	Role of bio-fertilizer in restoring soil fertility and enhancing crop yield.	1	01	Off	June,2026	5	2	5	2	10	1	20	5	25
Crop Management	Improved crop management practices for sustainable production in finger millet	1	01	Off	July,2026	5	2	5	2	10	1	20	5	25
Nutrient management	Integrated nutrient management in millets for higher productivity.	1	01	Off	July,2026	5	2	5	2	10	1	20	5	25
Crop Management	Climate smart agricultural Practices for sustainable production in pulse crops.	1	01	Off	Aug,2026	5	2	5	2	10	1	20	5	25
ICT	Application of mobile based app for technology adoption and information dissemination	1	01	Off	Sept,2026	5	2	5	2	10	1	20	5	25
Nutrient management	Micronutrient application in oilseed crops for higher productivity	1	01	Off	Nov, 2026	5	2	5	2	10	1	20	5	25
Nutrient management	Soil test-based nutrient	1	01	Off	Dec, 2026	5	2	5	2	10	1	20	5	25

	management in sugarcane for enhanced cane yield.													
Fish health management	Integrated management of Argulosis in carps	1	01	Off	Aug 2026	2	1	3	0	14	5	19	6	25
Natural Aqua Farming	Suitable combination for natural fish farming	1	01	Off	Sep 2026	2	1	3	0	14	5	19	6	25
Fish health management	Fish diseases and its management	1	01	Off	Oct 2026	1	0	4	2	14	4	19	6	25
Varietal Intervention	Multiple Stocking & Multiple Harvesting method of composite carp culture	1	001	Off	Nov 2026	1	0	4	2	14	4	19	6	25
Varietal Intervention	Scientific Culture of Amrit Catla for Enhanced Fish Production	1	01	Off	Dec 2026	1	0	4	2	14	4	19	6	25

(b) Rural youths

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
IPDM	Management of pest and diseases in mango and cashew	1	2	On	Sept,2026	2	1	1	1	13	2	16	4	20
Bee keeping	Comb honey production technology	1	2	On	Oct,2026	2	1	1	1	13	2	16	4	20
Bee keeping	Scientific bee keeping	1	5	On	Dec,2026	2	1	1	1	13	2	16	4	20
Food safety	Ensuring Food Safety through Good Agricultural Practices (GAP)	1	2	On	Aug,2026	10	1	3	1	5	0	18	2	20
Processing & Value addition	Small scale processing and value addition of Sugarcane	1	2	On	Sep, 2026	1	1	1	1	15	1	17	3	20
Entrepreneurshi	Production of	1	5	On	Nov, 2026	3	3	2	4	5	2	11	9	20

p development	off-season vegetable seedling in protected cultivation													
Value addition	Value addition of fruits and vegetables	1	2	On	Aug.2026		6	0	3		14		20	20
Value addition	Value addition of mushroom	1	2	On	Dec.2026		2	0	8		12		20	20
Income generation	Scientific method of Mushroom Spawn Production	1	5	On	Aug.2026	3	2	5	3	2	5	10	10	20
Nursery management	Enhancing the agricultural methods of various agroforestry models	1	2	On	Aug 2026	3	0	0	0	12	5	14	6	20
Agroforestry management	An agroforestry Approach to Forest Farming	1	2	On	Nov 2026	2	0	0	0	17	3	17	3	20
Income generation	Identification, propagation and management of bamboo species for income generation	1	5	On	Oct 2026	3	0	2	0	15	0	20	0	20
Income generation	Small scale poultry rearing unit for income generation	1	2	On	Oct, 2026	4	1	4	1	9	1	17	3	20
Income generation	Self-employment opportunities through micro-entrepreneurial activities in agriculture & allied sectors.	1	5	On	Sep, 2026	4	1	4	1	9	1	17	3	20
Integrated fish farming	Integrated farming System	1	2	On	Sep, 2026	7	0	3	0	10	0	20	0	20
Fish seed production	Fish seed production	1	5	On	Nov, 2026	2	0	1	0	17	0	20	0	20

(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
IPDM	Non chemical method of pest management in important crops of Nayagarh District	1	1	Off	Nov,2026	1	1	1	0	15	2	17	3	20
Farm Mechanization	Mechanization for Enhanced Agricultural Productivity and Profitability	1	2	Off	Sep, 2026	7	0	3	0	10	0	20	0	20
Nutritional security	Household food security by kitchen gardening and nutrition gardening	1	2	Off	July'2026	0	2	0	1	0	17	0	20	20
Agroforestry management	Restoration and Reclamation of Wastelands through different Agroforestry systems	1	01	Off	Nov, 2026	4	0	1	0	12	3	16	4	20
Farmers-led extension	Role of ATMA in strengthening farmer-centric extension services for agriculture development.	1	1	Off	Sept, 2026	3	3	3	3	4	4	10	10	20
Composite fish culture	Scientific ways of Composite fish culture	1	2	Off	Sep, 2026	7	0	3	0	10	0	20	0	20

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

Farmers and Farm women

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
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Crop management	2	10	4	14	10	4	14	20	2	22	40	10	50
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, if any (Climate smart agriculture)													
TOTAL	2	10	4	14	10	4	14	20	2	22	40	10	50
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
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.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													

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
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													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
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													

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
Post-harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management	3	13	6	19	10	4	14	38	4	42	61	14	75
Soil and Water Conservation													
Integrated Nutrient Management	3	15	6	21	15	6	21	30	3	33	60	15	75
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													
TOTAL	6	28	12	40	25	10	35	68	7	75	121	29	150
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	41	41	0	4	4	0	5	5	0	50	50
Design and development of low/minimum cost diet													
Designing development for nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													

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
Storage loss minimization techniques													
Enterprise development													
Organic manure production	1	0	18	18	0	2	2	0	5	5	0	25	25
Value addition	2	0	36	36	0	8	8	0	6	6	0	50	50
Income generation activities for empowerment of rural Women	3	0	52	52	0	10	10	0	13	13	0	75	75
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any(organic manure production)													
TOTAL	8	0	147	147	0	24	24	0	29	29	0	200	200
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
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	2	0	4	4	0	6	6	0	40	40	0	50	50
Others, if any (Farm mechanization)	6	14	6	20	22	20	42	73	109	182	109	41	150
TOTAL	8	14	10	24	22	26	48	73	149	222	109	91	200
VII. Plant Protection													
Integrated Pest Management	3	53	3	56	8	3	11	6	2	8	67	8	75
Integrated Disease Management	5	90	12	102	11	3	14	6	3	9	107	18	125
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	8	143	15	158	19	6	25	12	5	17	174	26	200
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery													

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													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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 (Fish health management)	2	3	1	4	7	2	9	28	9	37	38	12	50
Others, if any (Varietal evaluation)	2	2	0	2	8	4	12	28	12	40	38	12	50
Others, if any (Natural aqua farming)	1	2	1	3	3	0	3	14	5	19	19	6	25
Others, if any (IMC)													
TOTAL	5	7	2	9	18	6	24	70	26	96	95	30	125
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
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													

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													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any (ICT)	1	5	2	7	5	2	7	10	1	11	20	5	25
TOTAL	1	5	2	7	5	2	7	10	1	11	20	5	25
XI Agro-forestry													
Production technologies	1	2	0	2	3	0	3	20	0	20	22	3	25
Nursery management													
Agroforestry management	2	5	2	7	3	0	3	35	5	40	43	7	50
Propagation methodology													
Tree management	1	2	2	4	0	0	0	18	3	21	20	5	25
Value addition	1	4	1	5	3	3	6	12	2	14	19	6	25
Income generation	1	10	3	13	1	0	1	10	0	10	21	4	25
vermicomposting	1	2	2	4	0	0	0	18	3	21	20	5	25
TOTAL	7	25	10	35	10	3	13	113	13	126	145	30	175
XII. Others (Pl. Specify)													
TOTAL	45	232	240	434	109	81	190	366	232	598	674	451	1125

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
Soil fertility & management													
Mushroom Production	1	1	1	2	1	0	1	15	2	17	17	3	20
Bee-keeping	2	4	2	6	2	2	4	26	4	34	32	8	40
Integrated pest management													
Integrated pest and disease management	1	2	1	3	1	1	2	13	2	15	16	4	20
Integrated farming													
Seed production													
Production of organic inputs													
Planting material													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Hi-tech horticulture													
Commercial fruit production													
Entrepreneurship development	2	4	4	8	3	5	8	21	3	24	28	12	40
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	3	0	3	0	0	0	12	5	17	15	5	20
Training and pruning of orchards													
Value addition	2		23	23		6	6		11	11		40	40
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
rearing													
Fish seed production	1	2	0	2	1	0	1	17	0	17	20	0	20
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Agroforestry management	1	0	0	0	0	0	0	17	3	20	17	3	20
Others if any (Income generation)	3	11	2	13	10	2	12	33	2	35	54	6	60
Integrated fish farming	1	7	0	7	3	0	3	10	0	10	20	0	20
Food safety	1	10	1	11	3	1	4	5	0	5	18	2	20
TOTAL	16	44	34	64	24	17	41	169	32	205	237	83	320

Extension functionalities

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops (Soil fertility)													
Integrated Pest Management	1	1	1	2	1	0	1	15	2	17	17	3	20
Bio-pest management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Nutritional security													
Farm mechanization	1	7	0	7	3	0	3	10	0	10	20	0	20
Protected cultivation technology													
Formation Management of SHG													

Group Dynamics and farmers organization													
Information networking among farmers	1	3	0	3	4	1	5	10	2	12	17	3	20
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	12	12	0	4	4	0	4	4	0	20	20
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Composite fish Culture	1	7	0	7	3	0	3	10	0	10	20	0	20
Agroforestry	1	4	0	4	1	0	1	12	3	15	17	3	20
TOTAL	6	22	13	35	12	5	17	57	11	68	91	29	120

4. Frontline demonstration to be conducted*

FLD-1	Management of Serpentine leaf miner in tomato
Crop:	Tomato
Thrust Area:	IPM
Thematic Area:	IPM
Season:	Rabi 2026-27
Farming Situation:	Vegetable-Vegetable

Sl. No.	Crop & variety / Enterpris	Proposed Area	Technology package for demonstrati	Parameter (Data) in relation to	Cost of Cultivation (Rs.)			No. of farmers / demonstration			
					Name of Inputs	Demo	Local	SC	ST	Other	Total

	es	(ha)/ Unit (No.)	on	technology demonstrate d				M	F	M	F	M	F	M	F	T
1	Tomato	1/10	Soil application of neem cake @ 2.5 Q/ha, Installation of blue sticky traps @50 nos/ha, application of Difenthiuron 50WP and Spiromecifen 240 SC @ 0.6 ml/lit at 10 days interval	Infested plant %, Yield (q/ha), Economics, B:C ratio	Neem cake,Blue sticky traps, Difenthiuron 50WP ,Spiromecifen 240 SC	1500/u nit	1100/u nit	2	0	1	0	7	0	10	0	10

Extension and Training activities under FLD:

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	Integrated management of leaf miner in tomato	1	F/FW	1	Off	2	0	1	0	22	0	25	0	25
Field day	Integrated management of leaf miner in tomato	1	F/FW	1	Off	4	2	1	1	20	2	25	5	30

FLD-2	Demonstration on IDM approaches in Bittergourd
Crop	Bittergourd
Thrust Area	IDM
Thematic Area	IDM
Season	Rabi, 2026-27
Farming Situation	Vegetable-vegetable

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	Bitter gourd	1/10	Seed treatment with Carbendazim 12%+ Mancozeb 63% @3g/kg, Drenching of Captan 70% + Hexaconazole 5% WP @ 0.1% at 15days after germination, Spray with Thiamethoxam 25 WG@6 g/15 lit+Neem oil @ 0.2% at 25 days after germination, spray of (Captan 70% +Hexaconazole 5% WP) @ 0.1% at 35 days after germination, Spray of Fosetyl-Al @ 0.1% at 45 days after germination	Disease severity index (%), Yield (q/ha), Economics, BC ratio	Carbendazim 12%+ Mancozeb 63% , Captan 70% + Hexaconazole 5% WP, Neem oil, Thiamethoxam 25 WG, Neem oil, Fosetyl-Al	1800/unit	1000/unit	2	0	1	0	7	0	10	0	10

Extension and Training activities under FLD:

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	
Training	Integrated disease management in bitter gourd	1	F/FW	1	Off	3	2	2	1	15	2	20	5	25
Field day	Integrated disease management in bitter gourd	1	F/FW	1	Off	3	2	3	2	18	2	24	6	30

FLD-3	Demonstration on management of Bacterial wilt and blight diseases in Potato
Crop	Potato
Thrust Area	IDM
Thematic Area	IDM
Season	Rabi 2026-27
Farming Situation	Vegetable-vegetable

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	Loca l	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Potato	1/10	Soil application of Bleaching powder @ 12 kg/ha, one prophylactic spray of Chlorothalonil 75% WP @ 1.5 g/l, spraying of (Fenamidone 10 % + Mancozeb 50 % WDG) @ 3 g/l twice at 10 days interval starting from initial occurrence of blight disease	Disease severity index (%),Yield (q/ha), Economics ,B:C ratio	Soil Bleaching powder, chlorothalonil 75% WP, (Fenamidon10%+Mancozeb 50% WDG)	1500/unit	1200/unit	2	0	1	0	7	0	10	0	10

Extension and Training activities under FLD:

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	Integrated disease management of Potato	1	F/FW		On	2	1	0	0	18	0	20	0	25
Field day	Integrated disease management of Potato	1	F/FW	1	Off	3	2	3	2	18	2	24	6	30

FLD-4	Demonstration on comb honey production technology in Asian Bee
Crop	Honey bee
Thrust Area	Comb Honey
Thematic Area	Comb Honey
Season	Rabi 2026-27
Farming Situation	-

Sl . N o.	Crop & variety / Enterpri ses	Propos ed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technolog y demonstra ted	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Othe r		Total		
								M	F	M	F	M	F	M	F	T
1	Honey bee	10 units	Selection of ample bee foraging plants and identifying the honey flow season in a particular area for comb honey production, maintenance of young prolific queen with populous colony in a hive with ISI specification particularly w.r.t bee space, training and stimulating the bees to construct new natural combs, fixing new comb in comb honey production frame and fixing it with wooden or plastic ISI specified frame size (208 X 65	Kg honey/bo x/annum, B:C ratio, Economic s, and farmers’ feedback	plastic ISI specified frame size (208 X 65 X 23 mm),	1000/u nit	500/un it	2	0	1	0	7	0	10	0	10

			X 23 mm), collection of comb honey frames when sealed cent per cent in super chamber. Removal of comb honey from wooden or plastic frames with no damage to combs.													
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Extension and Training activities under FLD:

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	Comb honey production technology	1	Rural Youth	2	On	2	2	1	2	16	2	19	6	25
Training	Scientific bee keeping	1	Rural Touth	5	On	0	0	0	0	15	5	15	5	20
Field day	Comb honey production technology		Farmers & farm women	1	Off	1	1	2	2	22	2	25	5	30

FLD-5	Demonstration on Preparation of solid granular sugarcane jaggery
Crop	Sugarcane
Thrust Area	Sugarcane Processing
Thematic Area	Post Harvest Processing and Value addition
Season	Rabi 2027
Farming Situation	Rainfed 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
1	Sugarcane	10 units	Horizontal crusher, Addition of 40-50ml okra stem mucilage per 100 Liter of sugarcane juice., Boiling temp of juice-115°C to 118 °C, Addition of lime solution 100-125ml per 100 lit juice to adjust P ^H		Okra extract, groundnut oil, Lime	300/unit	500/unit	2	0	2	2	4	0	8	2	10

Extension and Training activities under FLD:

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	Preparation of granular sugarcane jaggery	1	F/FW	1	Off	2	2	5	5	8	3	15	10	25	

FLD-6	Demonstration on Tractor Operated Super seeder for green gram sowing
Crop	Greengram
Thrust Area	Farm Mechanization in Pulse
Thematic Area	Pulse Mechanization
Season	Rabi, 2026-27

Farming Situation	Rainfed medium Land
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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	Greengram	2ha.	Tractor Operated Super seeder, It requires 50 HP dual clutch tractor, Field Efficiency- 1 acre/hr,	Effective field capacity (ha/hr), Field efficiency (%), Seed rate (kg/ha), Yield(q/ha)	Tractor operated super seeder machine	10,000	28,000	1	1	4	2	2	0	7	3	10

Extension and Training activities under FLD:

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	Use of tractor operated super seeder	1	F&FW	1 day	Off	2	2	10	6	3	2	15	10	25	
Field day	Field day on tractor operated super seeder	1	F&FW, IS	1 day	Off	2	1	3	2	15	2	15	5	20	

FLD-7	Demonstration of Solar operated Sprayer in vegetable crops
Crop	Vegetables
Thrust Area	Green Energy in Agriculture
Thematic Area	Farm Mechanization
Season	Kharif 2026
Farming Situation	Rainfed 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
1	Vegetable	10 unit	Eco friendly sprayer having solar charged	Spray discharge rate (L/min),	Solar sprayer	1000/unit	200/unit	1	0	0	1	8	0	9	1	10

			battery (12v x 8amp) with 20 litre capacity tank and working pressure (30-40) PSI. It consists of a pump and an air chamber permanently installed in the tank	Area covered per hour (ha/hr), Time required for spraying (hr/ha)													
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Extension and Training activities under FLD:

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	
Training	Use of solar sprayer in vegetable crops	1	F/FW	1	Off	0	2	0	3	0	20	0	25	25
Field Day	Field day on solar sprayer in vegetable crops	1	F/FW, IS	1	Off	8	4	2	2	10	6	20	10	30

FLD-8	Demonstration on Tractor drawn Straw baler
Crop	Rice
Thrust Area	Crop residue management
Thematic Area	Farm Mechanization
Season	Rabi 2026-2027
Farming Situation	Rainfed 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
1	Rice	5 nos.	Tractor drawn Straw baler	Labour Requirement (MD/hr), Field capacity(ha/hr), BC Ratio	Tractor drawn Straw baler	5000/hr	1000/hr	3	-	0	-	2	-	5	0	5

Extension and Training activities under FLD:

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	Use of Tractor drawn Rice straw baler	1	F/FW	1	Off	2	2	5	6	6	4	13	12	25
Field Day	Performance of rice straw baler	1	F/FW, IS	1	Off	1	1	2	1	9	6	12	8	20

FLD-9	Demonstration on backyard drumstick cultivation to address malnutrition
Crop	Drumstick
Thrust Area	Nutritional Security
Thematic Area	Nutri rich vegetables
Season	Kharif 2026
Farming Situation	Backyard

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	Drumstick Variety: ODC 3)	10 unit	Spacing: 5 ft. x 7 ft.; plant height:8-10 ft; Harvested at 6 months; Fruits are fleshy & tasty; Fruits & leaves are rich in vitamins & minerals)	Yield, Net Income, BC ratio	Seedling				2	0	1	-	7	-	10	10

Extension and Training activities under FLD:

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 technique of backyard drumstick cultivation to address malnutrition.	1	F/FW	1	Off	-	3		1		21		25	25
Field	Field Day on Scientific	1	F/FW	1	Off	-	5	-	2	-	23	-	30	30

Day	technique of backyard drumstick cultivation.													
Farm field school	Scientific technique of backyard drumstick cultivation	1	F/FW	1	Off	4	4	1	3	5	13	10	20	30

FLD-10	Demonstration of Ganga Maa Mandal Nutri-garden Model for Household Nutritional Security
Crop:	Vegetables
Thrust Area:	Nutritional security of farm families.
Thematic Area:	Nutri rich vegetables
Season:	Kharif-Rabi, 2026-27
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
1	Vegetables	10unit	(The Ganga Maa Mandal Model is a circular garden layout covering less than 800 sq ft with a 30-foot diameter, divided into four concentric rings separated by 1.5-foot-wide walkways for easy access. At the center is a 3-foot-wide, 2-foot-deep compost pit for recycling organic waste. Tall and vine crops like banana, papaya, and bottle gourd are planted along the outer ring, while inner rings host a mix of seasonal vegetables and leafy greens. This design maximizes space, supports year-round cultivation, and promotes soil health through integrated composting.) Source: Gujrat Vidyapith, Krishi Vigyan Kendra,2020	Average consumption of vegetables (g/member/day), Nutritional availability /member/day, Average total Production (Kg), Additional Income (Rs.), B:C ratio	Seeds, seedlings	1000 /unit	500/ unit		2	0	1	-	7	-	10	10

Extension and Training activities under FLD:

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	Household food security by kitchen gardening and nutrition gardening	1	F/FW	1	Off	-	4		1		20		25	25
Field Day	Field Day on household food security by kitchen gardening and nutrition gardening	1	F/FW	1	Off	-	4	-	3	-	23		30	30
Farm field school	Household food security by kitchen gardening and nutrition gardening	1	F/FW	1	Off	4	4	1	3	5	13	10	20	30

FLD-11	Demonstration preparation of mushroom soup mix
Crop:	Oyster mushroom
Thrust Area:	Mushroom production
Thematic Area:	Value addition of mushroom
Season:	Rabi -2026-27
Farming Situation:	Homestead

S.I	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package or demonstration	Parameter (Data) in relation to technology demonstration	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	De mo	Loc al	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Oyster mushroom	10 units	(Mushroom soup mix was developed with 30% oyster mushroom powder, 30% corn flour, 25% milk powder, 8% salt, 3% sugar, 2% black pepper, and 2% oregano. This soup mix has to be boiled for 2 minutes with 14 times quantity of water)(Source: ICAR-DMR for Commercial Use, 2020)	Shelf life(days), Conversion ratio, Net Return (Rs), B:C ratio	Oyster mushroom powder, corn flour, milk powder, salt, sugar, black pepper, oregano, Polythene				3	0	0	-	7	-	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	N o.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Scientific process of preparation of mushroom soup mix	1	F/FW	1	Off	3	2	1	1	5	13	9	16	25
Field Day	Field day on scientific process of preparation of mushroom soupmix	1	F/FW	1	Off	4	2	2	1	10	11	16	14	30
Farm field school	Scientific process of preparation of mushroom soup mix	1	F/FW	1	Off	2	4	2	9	9	4	13	17	30

FLD-12	Demonstration on poultry breed <i>Pallishree</i> for backyard rearing.
Crop:	Poultry
Thrust Area:	Income generation
Thematic Area:	Poultry rearing
Season:	Kharif/Rabi, 2026
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
1	Poultry chicks Var. <i>Pallishree</i>	10 unit	Rearing of Kalinga <i>Pallishree</i> chicken breed with proper brooding management for 21 days followed by free range feeding. (Source: OUAT, BBSR, 2012)	Mortality rate, body weight at 1 month, 2 months, 4 months & 6 months age and annual egg production.	Poultry chicks (<i>Pallishree</i> breed)	1200/unit	800/unit		3	0	0	-	7	-	10	10

Extension and Training activities under FLD:

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	
Training	Rearing of poultry bird in backyard	1	F/FW	1	Off	3	2	1	1	5	13	9	16	25
Field Day	Field day on poultry bird in backyard	1	F/FW	1	Off	4	2	2	1	10	11	16	14	30
Farm field school	Rearing of poultry bird in backyard	1	F/FW	1	Off	2	4	2	9	9	4	13	17	30

FLD-13	Demonstration of Arrowroot in Natural farming system
Crop:	Arrowroot
Thrust Area:	Production technologies
Thematic Area:	Production technologies
Season:	Kharif, 2026
Farming Situation:	Rainfed Forest 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
1.	Arrowroot	0.4	Demonstration of Arrowroot	Yield(t/ha)	Bijam ruta, Jivam ruta, Handi khta	3000	-	0	0	0	0	10	0	10	0	10

Extension and Training activities under FLD:

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	
Method demonstration	Treatment of arrowroot with components	1	F/FW	1	Off	0	0	0	0	37	10	37	13	50
Training	Restoring soil health by application of different components of natural farming	1	F/FW	1	Off	0	0	0	0	25	0	25	0	25

FLD-14	Demonstration of fruit-based (mango + dragon fruit + pineapple) multistorey system
Crop	Pineapple and dragon fruit
Thrust Area	Production technologies
Thematic Area	Production technologies
Season	Kharif 2026
Farming Situation	Rainfed 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
1	Pineapple (Queen) dragon fruit	0.4	Healthy planting materials of pineapple are planted at a spacing 60 cm between rows and 30 cm between plants within the rows	Fruit yield/ha, BC ratio	Pineapple and dragon fruit	10000	-	2	1	1	1	4	0	7	3	10

Extension and Training activities under FLD:

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	Fruit and vegetable-based silviculture operations within an agroforestry model	25	F&FW	1 day	Off	3	2	0	0	15	5	19	6	25	

FLD-15	Demonstration on Moringa based agroforestry system
Crop	Moringa
Thrust Area	Production technologies
Thematic Area	Production technologies
Season	Kharif and Rabi 2026
Farming Situation	Rainfed 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
1	Moringa	10 unit	Pulses (Greengram) are sown as intercrop in moringa plantation	Yield (q/ha) NPK (%)	Moringa and greengram	15000	-	2	0	1	0	7	0	10	0	10

Extension and Training activities under FLD:

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	Methods of management for various understory crops in forest plantations	25	F&FW	1 day	Off	5	2	0	0	15	3	20	5	25	

FLD-16	Demonstration of broom grass in undulating wasteland of Nayagarh district
Crop	Broom grass
Thrust Area	Income generation
Thematic Area	Income generation
Season	Kharif 2026
Farming Situation	Rainfed 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
1	Broom grass	0.4	The rhizomes are planted at a spacing of 2mx2m. The panicles from the grass are harvested from dec to March when the panicles become tough and its colour changes to light green or red or brown	harvested broom/panicle, BC ratio	Broomgrasses	35000	0	05	0	0	0	0	05	10	0	10

Extension and Training activities under FLD:

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	Broom grass cultivation with upkeep techniques to generate revenue	25 no.	F&FW	1 day	Off	4	1	3	3	12	2	19	6	25

FLD-17	Demonstration on finger millet OUAT Kalinga Ragi (var. Shreeratna)
Crop	Finger millet
Thrust Area	Varietal promotion of nutri-rich cereal
Thematic Area	Production technology
Season	Kharif, 2026
Farming Situation	Rainfed 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	Loca l	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Finger millet (var. Shreeratna)	10	Cultivation of OUAT Kalinga Ragi-1 (Shreeratna): Duration- 117 days. Medium sized, light brown seed colour. Average yield- 2416 kg/ha. Non lodging and non-shattering. Suitable for kharif and irrigated summer.	Effective tillers/hill No. of finger/hill Test weight(gms.) Crop duration (Days) Grain Yield (q/ha) Economics	Finger millet seed	2000	1200	3	0	3	0	4	0	10	0	10

Extension and Training activities under FLD:

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	
Field Day	Demonstration on finger millet OUAT Kalinga Ragi (var. Shreeratna)	1	F/FW	1	Off	10	5	10	5	15	5	35	15	50
Training	Improved crop management practices for sustainable production in finger millet	1	F/FW	1	Off	5	2	5	2	10	1	20	5	25
Training	Integrated nutrient management in millets for higher productivity.	1	F/FW	1	Off	5	2	5	2	10	1	20	5	25

FLD- 18	Demonstration on sulphur application in sugarcane
Commodity	Sugarcane
Thrust Area	Sulphur application in sugarcane
Thematic Area	Nutrient management
Season	Rabi, 2026-27
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	Locality	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Sugarcane	10	Soil test based fertilizer + Sulphur application @60kg/ha	Cane Yield(q/ha) No. of tiller Plant height(cm) stalk diameter (cm) Incremental income Economics	Sulphur	6000	4500	3	0	3	0	4	0	10	0	10

Extension and Training activities under FLD:

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	Soil test-based nutrient management in sugarcane for enhanced cane yield	1	F/FW	1	Off	5	2	5	2	10	1	20	5	25	
Field Day	Demonstration on sulphur application in sugarcane	1	F/FW	1	Off	10	5	10	5	15	5	35	15	50	

FLD-19	Demonstration on extent of adoption of climate resilient technology among farmers for sustainable production
Commodity	--
Thrust Area	Technology adoption by farmers
Thematic Area	Climate resilient technology
Season	Kharif & Rabi, 2026-27
Farming Situation	Rainfed situation

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package or 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.	Crops	--	Recommended climate resilient technology/enterprises practice by the farmers.	Cost reduction (Rs. /ha) Yield enhancement (q/ha) Cropping intensity (%) Incremental income (Rs. /ha) Technology Adoption Index Area under CRTs (ha) Economics	--	--	--	15	5	15	5	15	5	45	15	60

Extension and Training activities under FLD:

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	Climate smart agricultural Practices for sustainable production in pulse crops.	1	F/FW	25	Off	5	2	5	2	10	1	20	5	25	

FLD- 20	Demonstration on extent of adoption pattern & sustainability of mechanized direct seeded rice
Crop	Rice
Thrust Area	Mechanized direct seeded rice
Thematic Area	Technology adoption
Season	Kharif- 2026
Farming Situation	Rainfed low 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
1	Rice	--	Demonstration on extent of adoption pattern & sustainability of mechanized direct seeded rice	Technology adoption rate Sustainable index Crop survival rate (%) Cost reduction (Rs/ha) Grain Yield (q/ha) Cost of Cultivation (Rs/ha) Incremental income (Rs./ha) Economics	---	--	--	15	0	15	0	30	0	60	0	60

Extension and Training activities under FLD:

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

FLD- 21	Demonstration on adoption of natural farming practices
Crop	Rice & Vegetable crops
Thrust Area	Natural farming
Thematic Area	Technology adoption
Season	Kharif & Rabi, 2026-27
Farming Situation	Rainfed low land & Irrigated medium-up 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
1	Rice	--	Farmers practicing natural farming components of Jeevamruta, Beejamruta, Neemastra with help of frontline extension support of KVK, Line Dept. through awareness programme, training and demonstrations.	Rate of adoption of different components Ease in handling the technology complexity, Knowledge gain, Input cost reduction, Change in income	---	--	--	15	0	15	0	30	0	60	0	60

Extension and Training activities under FLD:

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	

FLD-22	Demonstration on Amrit Catla in composite carp culture
Crop	Fishery
Thrust Area	Culture based fish Pond
Thematic Area	Varietal intervention
Season	Kharif,2026
Farming Situation	Pond Based

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.	Genetically Improved (GI) Catla	10	Incorporation of G.I-Catla. in composite carp culture (Catla: Rohu: Mrigal):: 3:4:3 @ 10000 no. /ha	Survivability, Size, ABW, Yield	Amrit Catla fingerlings	65000	45000	3	-	0	-	7	-	10	0	10

Extension and Training activities under FLD:

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 Culture of Amrit Catla for Enhanced Fish Production	1	F/FW	1	Off	2	2	5	6	6	4	13	12	25

FLD- 23	Demonstration of Multiple Stocking & Multiple Harvesting method of composite carp culture
Crop	Indian Major Carp (IMC)
Thrust Area	Culture based fish Pond
Thematic Area	Varietal Introduction
Season	Kharif, 2026
Farming Situation	Pond Based

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	IMC	4 Ha. (10nos.)	In MSMH method of composite carp culture, bigger size fish seeds [SFL (50-70g) or SYL (100-150g)] are to be initially stocked with species ratio & stocking density Catla: Rohu: Mrigal: 2.5:6:1.5 @7500 nos/ha respectively. After 3 months, first harvesting of table-size fishes is to be made.	Length & Weight, FCR, SGR, Plankton density	IMC	40000	35000	2	0	1	0	7	0	10	0	10

Extension and Training activities under FLD:

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	Multiple Stocking & Multiple Harvesting method of composite carp culture	1	F/FW	1	Off	--	--	--	--	19	6	19	6	25
Awareness	SCSP	1	F/FW	1	Off	14	3	2	3	6	2	22	8	30
Booklet	Rural Aquaculture	1	F/FW											

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

Name of the Crop / Enterprise	Variety / Type	Period from 01.04.2026 to 31.03.2027	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	Pratikshya	Kharif	1.0	FS	35.0	86000	144000	58000
Greengram	OBGG 58	Rabi	1.0	TL	5.0	27000	45000	18000
Vegetable Seedling	Hybrid & OP	Round the year	100000 nos.	QPM	100000 nos.	75000	250000	175000
Papaya Seedlings	Hybrid & OP	Kharif	5000	Hybrid	5000	20000	125000	100000
Drumstick Seedlings	ODC 3	Kharif	3000 nos.	Hybrid	3000 nos.	15000	45000	38000
Forest /fruit Seedlings	Australian teak, Gliricidia, sisu, Arjun, Bakul, Neem, Almond, Jamun, Mango, Guava, Lemon	Kharif and Rabi		--	10000 nos.	20000	200000	175000
Carp	Rohu (Jayanti, Amur carp, Grass carp)	Round the year	100000	Fingerlings	100000	20,000	2,00,000	180000
Chicks	Banaraja, Aseel, Kadaknath, Rainbow Rooster, Pallishree, RIR	Round the year	--	21days old chicks	4000 no.	190000	325000	135000
Vermicompost	--	Round the year	--	--	80	80000	160000	80000
vermin		Round the year			20kg	2000	10,000	8000
Mushroom spawn		Kharif & Rabi	4000 bottles		4000 bottles	35000	60000	49250

b) Village Seed Production Programme- NA

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.)

i. 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	10	220	200	420	20	18	10	28	238	230	468
2.	KisanMela	2	240	160	400	25	20	16	36	260	176	436
3.	KisanGhosthi	6	80	80	160	20	5	3	8	85	83	168
4.	Exhibition	8	540	234	774	25	18	12	30	558	246	804
5.	Film Show	23	398	278	676	25	20	15	35	418	293	711
6.	Method Demonstrations	20	230	70	300	25	15	15	30	245	85	330
7.	Farmers Seminar	2	38	22	60	15	8	6	14	46	28	74
8.	Workshop	3	35	23	58	20	6	5	11	41	28	69
9.	Group meetings	15	178	58	236	25	20	12	32	198	70	268
10	Lectures delivered as resource persons	35	600	300	900	25	0	0	0	600	300	900
11	Advisory Services	45	0	0	0	30	0	0	0	0	0	0
12	Scientific visit to farmers field	255	1856	1020	2876	30	85	72	157	1941	1092	3033
13	Farmers visit to KVK	965	396	234	630	35	0	0	0	396	234	630
14	Diagnostic visits	55	248	95	343	20	10	5	15	249	100	349
15	Exposure visits	5	66	34	100	20	1	4	5	67	38	105
16	Ex-trainees Sammelan	3	50	27	77	20	4	2	6	54	29	83
17	Soil health Camp	2	50	50	100	30	3	3	6	53	53	106
18	Animal Health Camp	1	20	30	50	20	2	2	4	22	32	54
19	Agri mobile clinic	15	255	100	355	25	10	14	24	265	114	379
20	Soil test campaigns	2	50	50	100	25	2	2	4	52	52	104
21	Farm Science Club Conveners meet	6	130	50	180	25	5	8	13	135	58	193
22	Self Help Group Conveners meetings	2	0	50	50	25	2	3	5	2	53	55

23	Mahila Mandals Conveners meetings	2	0	50	50	25	2	3	5	2	53	55
24	Celebration of important days (specify)	5	100	50	150	30	10	15	25	110	65	175
25	Sankalp Se Siddhi	-	0	0	0				0	0	0	0
26	Swachhta Hi Sewa	15	200	200	400	30	12	5	17	230	212	442
27	Mahila Kisan Divas	1	0	50	50	20	2	5	7	2	55	57
28	Plant Health	20	420	263	683	25	10	7	17	430	270	700
29	Farm Field School	-	0	0	0	--	0	0	0	0	0	0
30	Innovative farmers documentation	2	15	5	20	10	0	0	0	15	5	20
31	Awareness programme for FPO	4	56	35	91	25	7	7	14	63	42	105
	Total	1529	6615	3885	10500	710	301	267	568	6925	4159	11084

3. Revolving Fund (in Rs.)

Opening balance of (As on 01.04.2026)	Amount proposed to be invested during 2026-27	Expected Return
2938/-	200000	500000

4. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
SCSP	ICAR	150000

9. On-farm trials to be conducted*

OFT: 1

i.	Season	:	Kharif 2026
ii.	Title of the OFT	:	Assessment of management technologies against sheath rot disease in Rice,
iii.	Thematic Area	:	IDM
iv.	Problem diagnosed	:	Infestation of sheath rot disease greatly reduces the yield
v.	Important Cause	:	Infestation of sheath rot disease greatly reduces the yield
vi.	Production system	:	Paddy-Vegetable
vii.	Micro farming system	:	Irrigated medium/low land
viii.	Technology for Testing	:	Chemical management in Paddy
ix.	Existing Practice	:	Spraying of (Carbendazim 12%+Mancozeb 63% WP)@1 Kg/ha
x.	Hypothesis	:	Chemical management greatly reduces the infestation of sheath rot disease and increases the yield
xi.	Objective(s)	:	To control the sheath rot disease and enhances the yield in paddy cultivation
xii.	Treatments:		
	Farmers Practice (FP)	:	Spraying of (Carbendazim 12%+Mancozeb 63% WP)@1 Kg/ha twice at 15 days interval
	Technology option-I (TO ₁)	:	Two foliar sprayings with (Kresoxim methyl 40%+ Hexaconazole 8.0%WG) @ 500 g/ha at 15 days intervals starting from panicle initiation (PI) stage
	Technology option-II (TO ₂)	:	Two sprayings with (Azoxystrobin 11% + Tebuconazole 18.3% SC) @ 750 ml/ha at 15 days intervals starting from panicle initiation (PI) stage.
xiii.	Critical Inputs	:	(Kresoxim methyl 40%+ Hexaconazole 8.0%WG), (Azoxystrobin 11% + Tebuconazole 18.3% SC)
xiv.	Unit Size	:	0.1 ha
xv.	No of Replications	:	10
xvi.	Unit Cost	:	1300
xvii.	Total Cost	:	13000
xviii.	Monitoring Indicator	:	Disease Incidence (%), Yield (q/ha), BC Ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	RRTTS, Chipilima, SLERC proceedings, 2024 and ARS, Utukur, AP, 2023-24

OFT-2

i.	Season	:	Kharif 2026
ii.	Title of the OFT	:	Assessment of IPM Module for the management of Brinjal shoot and fruit borer.
iii.	Thematic Area	:	IPM
iv.	Problem diagnosed	:	Incidence of pest like shoot and fruit borer greatly reduces the yield in brinjal
v.	Important Cause	:	Incidence of pest like shoot and fruit borer greatly reduces the yield in brinjal
vi.	Production system	:	Vegetable- Vegetable
vii.	Micro farming system	:	Irrigated upland
viii.	Technology for Testing	:	
ix.	Existing Practice	:	Spraying of (Chlorpyrifos 50%+Cypermethrin 5 %)/(Triazophos 35%+Deltamethrin 1%)/Profenofos 40%+Cypermethrin 4%) @ 1lit/ha
x.	Hypothesis	:	IPM including Pheromone trap,botanical and new molecules control shoot and fruit borer effectively
xi.	Objective(s)	:	To control shoot and fruit borer effectively in brinjal
xii.	Treatments:		
	Farmers Practice (FP)	:	Spraying of (Chlorpyrifos 50%+Cypermethrin 5 %)/(Triazophos 35%+Deltamethrin 1%)/Profenofos 40%+Cypermethrin 4%) @1lit/ha
	Technology option-I (TO ₁)	:	Clipping of infested shoots & fruits regularly, Installation of pheromone traps @ 25/ha at 20 DAT, spraying of Azadiractin 1500 ppm @ 3 ml/l at 20 DAT, spraying of Bt @ 2 ml/l twice at 30 DAT and 45 DAT, spraying of Chlorantraniliprole 18.5% SC @ 0.25 ml/l at 15 days interval starting from 60 DAT
	Technology option-II (TO ₂)	:	Clipping of infested shoots & fruits regularly, , Installation of pheromone traps @25/ha at 20 DAT, spraying of Azadiractin 1500 ppm @ 3 ml/l at 30 DAT , Alternate spraying of Spinetoram 11.7 SC @ 1 ml/l and Flubendiamide 39.35 SC 0.4 ml/lit at 15 days interval starting from 45 DAT
xiii.	Critical Inputs	:	pheromone traps , Azadiractin 1500 ppm,Bt,Chlorantraniliprole 18.5% SC, Spinetoram 117 SC and Flubendiamide 39.35 SC
xiv.	Unit Size	:	0.1 ha
xv.	No of Replications	:	10
xvi.	Unit Cost	:	2000
xvii.	Total Cost	:	20000
xviii.	Monitoring Indicator	:	Shoot infestation %,Fruit, infestation %, Yield, BC ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, specify)	:	OUAT, AR, 2019, Dept. of Entomology, OUAT, 2023 and

OFT-3

i.	Season	:	Kharif, 2026
ii.	Title of the OFT	:	Assessment on effect of Agriculture Spray Drone for control of stem borer in paddy
iii.	Thematic Area	:	Farm Mechanization
iv.	Problem diagnosed	:	Excessive exposure of farmers to harmful agrochemicals
v.	Important Cause	:	Uniform spray coverage with timely operation
vi.	Production system	:	Rice-Vegetable
vii.	Micro farming system	:	Rainfed
viii.	Technology for Testing	:	Agriculture Spray Drone
ix.	Existing Practice	:	Random spraying using Drone and knapsack sprayer
x.	Hypothesis	:	Use of agriculture spray drones for pesticide application in paddy will improve spray efficiency, reduce labour and water requirements, achieve effective stem borer management, and increase economic returns over conventional spraying practices
xi.	Objective(s)	:	To assess the spraying through Agriculture Spray Drone
xii.	Treatments:		
	Farmers Practice (FP)	:	Random spraying using the Agriculture Spray Drone
	Technology option-I (TO ₁)	:	Drone Spraying at height of 3 meter above the crop canopy
	Technology option-II (TO ₂)	:	Drone Spraying at height of 2 meter above the crop canopy
xiii.	Critical Inputs	:	Agri Drone sprayer and Fipronil for stem borer
xiv.	Unit Size	:	5 unit
xv.	No of Replications	:	4
xvi.	Unit Cost	:	2000
xvii.	Total Cost	:	20000
xviii.	Monitoring Indicator	:	Time requirement for spraying, Control of stem borer, Water use efficiency (%)
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Research Article, Plant Science Today by TNAU, Coimbatore, 2025

OFT-4

i.	Season	:	Rabi, 2026-27
ii.	Title of the OFT	:	Assessment on Preparation of Self stable Sugarcane Ready to Serve drinks
iii.	Thematic Area	:	Post Harvest Processing
iv.	Problem diagnosed	:	Not availability of Sugarcane RTS in the market
v.	Important Cause	:	Sugarcane RTS with storage for 1 month
vi.	Production system	:	Rice- Sugarcane
vii.	Micro farming system	:	Rainfed medium land
viii.	Technology for Testing	:	Sugarcane RTS preparation
ix.	Existing Practice	:	Sugarcane Jaggery
x.	Hypothesis	:	Optimized Pasteurization will Minimize Browning and Preserve Flavor, Natural Preservatives and Pre-Treatments can Enhance Preservation
xi.	Objective(s)	:	To assess the preparation procedure for Sugarcane RTS
xii.	Treatments:		
	Farmers Practice (FP)	:	No RTS preparation
	Technology option-I (TO ₁)	:	Pasteurizing Temperature- 80 ⁰ C, Suitable additives like lemon juice (3 ml/100 ml), Ginger extract(1.5ml/100ml)
	Technology option-II (TO ₂)	:	Pasteurizing Temperature- 70 ⁰ C, Suitable additives like lemon juice (4 ml/100 ml), Ginger extract(2.5ml/100ml)
xiii.	Critical Inputs	:	Natural Preservatives (Lemon, Ginger, Bottles)
xiv.	Unit Size	:	5 units
xv.	No of Replications	:	10
xvi.	Unit Cost	:	RS. 1500
xvii.	Total Cost	:	RS. 15000
xviii.	Monitoring Indicator	:	Sensory Analysis (Colour, Flavor, Appearance, Overall Acceptability), Shelf Life
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, specify)	:	Research Article, Indian Journal for Econ Dev.,2015

OFT-5

i.	Season	:	Kharif 2026
ii.	Title of the OFT	:	Assessment on production straw mushroom from semi-composted substrates.
iii.	Thematic Area	:	Income generation
iv.	Problem diagnosed	:	1. The high price of bundle straw increases the cost of cultivation.
v.	Important Cause	:	Utilization of crumpled paddy straw with enhanced yield of Paddy Straw mushroom
vi.	Production system	:	Homestead
vii.	Micro farming system	:	Green shade net house and under the tree
viii.	Technology for Testing	:	Utilization of bundled paddy straw & crumpled paddy straw for paddy straw mushroom production.
ix.	Existing Practice	:	Cultivation of paddy straw mushroom using bundled paddy straw.
x.	Hypothesis	:	The high price of bundle straw increases the cost of cultivation.
xi.	Objective(s)	:	To assess the production of paddy straw mushroom from semi composted substrates.
xii.	Treatments:		
	Farmers Practice (FP)	:	Paddy straw mushroom production in Bundle straw.
	Technology Option-I (TO ₁)	:	Chopped Bundle straw of size 2-3 inches + Wheat bran (6%) + Chicken manure (1.5%) + CaCo ₃ (2 %)
	Technology Option-II (TO ₂)	:	Crumpled Straw+ Wheat bran (6 %) + Chicken manure (1.5%) + CaCo ₃ (2%)
xiii.	Critical Inputs	:	Paddy straw mushroom spawn, wheat bran, CaCO ₃ powder
xiv.	Unit Size	:	50(10 participants @ 5 beds/ unit)
xv.	No of Replications	:	03
xvi.	Unit Cost	:	Rs 1800/-
xvii.	Total Cost	:	Rs 18000/-
xviii.	Monitoring Indicator	:	Pinhead appearance (days), Average fruit body weight (g), Yield (Kg/bed) Biological efficiency (%) Net Return (Rs.), B:C ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Source: AICRP on Mushroom, OUAT 2019

OFT-6

i.	Season	:	Kharif, 2026
ii.	Title of the OFT	:	Assessment of humidity management in paddy straw mushroom production.
iii.	Thematic Area	:	Income Generation
iv.	Problem diagnosed	:	Low yield of Paddy straw mushroom
v.	Important Cause	:	Improper moisture management
vi.	Production system	:	Paddy straw mushroom- Oyster mushroom
vii.	Micro farming system	:	Green shade net house
viii.	Technology for Testing	:	Effect of moist sand spreading & effect of fogger with hanging of folding type of gunny bag outside the shade net on production of Paddy straw mushroom.
ix.	Existing Practice	:	Paddy straw mushroom production in Green shade net house or under the tree.
x.	Hypothesis	:	Low yield of Paddy straw mushroom due to low humidity maintenance in existing practice
xi.	Objective(s)	:	To assess the impact of humidity maintenance Paddy straw on mushroom production.
xii.	Treatments:		
	Farmers Practice (FP)	:	PS mushroom production in Green shade net house or under the tree.
	Technology Option-I (TO ₁)	:	TO ₁ : Mushroom production by using bundled paddy straw substrate (3 layers) with covering the floor with 2-inch sand in moist condition and spreading wet gunny bag along the windows/ walls.
	Technology Option-II (TO ₂)	:	TO ₂ : Mushroom production by using bundled paddy straw substrate (3 layers) with Installation of Fogger and hanging of folding type of Gunny bag outside the shade net.
xiii.	Critical Inputs	:	1. Paddy straw mushroom spawn 2. Installation of fogger
xiv.	Unit Size	:	600 (10 participants @ 60 beds)
xv.	No of Replications	:	03
xvi.	Unit Cost	:	Rs 15000/-
xvii.	Total Cost	:	Rs 30000/-
xviii.	Monitoring Indicator	:	Pinhead appearance (days), Average fruit body weight (g), Biological efficiency (%) Net Return (Rs.), B:C ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Source: CTMRT, OUAT, 2014.

OFT-7

i.	Season	:	Kharif & Rabi, 2026-27
ii.	Title of the OFT	:	Assessment on role of digital literacy interventions in agricultural information dissemination and decision-making behaviour of Farmers
iii.	Thematic Area	:	Information and communication technology (ICT)
iv.	Problem diagnosed	:	Inadequate utilization of digital intervention by farmers for agricultural information.
v.	Important Cause	:	Low digital literacy among farmers
vi.	Production system	:	--
vii.	Micro farming system	:	--
viii.	Technology for Testing	:	Assessment on role of digital literacy interventions in agricultural information dissemination and decision-making behaviour of Farmers
ix.	Existing Practice	:	Farmers often get advisory in the form of mobile text /messages/audio calls
x.	Treatments	:	
xi.	Farmers Practice (FP)	:	Farmers often get advisory in the form of mobile text /messages/audio calls
xii.	Technology Option-I	:	Social media-based digital literacy (WhatsApp + YouTube)
xiii.	Technology Option-II	:	Government agricultural app-based digital literacy (Kisan Suvidha, PM -Kisan etc.)
xiv.	Critical Inputs	:	Interview schedule and farmers feedback
xv.	Unit Size	:	30 no beneficiaries
xvi.	No of Replications	:	--
xvii.	Unit Cost	:	--
xviii.	Total Cost	:	--
xix.	Monitoring Indicator	:	Digital literacy index Change in decision making Technology adoption score Change in farm productivity Improvement in farm income
xx.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	--

OFT-8

i.	Season	:	Kharif & Rabi, 2026-27
ii.	Title of the OFT	:	Assessment of farmers perception on use of insecticides through different spraying machines
iii.	Thematic Area	:	Perception study
iv.	Problem diagnosed	:	Efficacy of different spraying machines
v.	Important Cause	:	Repeated spraying involves additional cost, labour & drudgery
vi.	Production system	:	Crop based production system
vii.	Micro farming system	:	Rainfed medium land
viii.	Technology for Testing	:	Assessment of farmers perception on use of insecticides through different spraying machines
ix.	Existing Practice	:	Spraying through knapsack sprayer
xii.	Treatments:		
	Farmers Practice (FP)	:	Spraying through knapsack sprayer
	Technology Option-I	:	Spraying through power sprayer
	Technology Option-II		Spraying through Agri drone
xiv.	Critical Inputs	:	Interview schedule and farmers feedback
xv.	Unit Size	:	30 no beneficiaries
xvi.	No of Replications	:	--
xvii.	Unit Cost	:	--
xviii.	Total Cost	:	--
xix.	Monitoring Indicator	:	Labour saving (%) Cost of spraying (Rs./ha) Labour cost reduction (Rs./ha) Complexity of the related technology Operational efficacy of the technology Drudgery reduction (%)
xx	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	--

OFT-9

i	Season:	Kharif, 2026
ii	Title of the OFT:	Assessment of leguminous green leaf manures on Brinjal/okra
iii	Thematic Area:	Production technology
iv	Problem diagnosed:	Lack of knowledge and awareness of the utilization of leaf green manure of forest tree species.
v	Important Cause:	Indiscriminate fertilizer use cause soil deterioration
vi	Production system:	Production technology
vii	Micro farming system:	Rain-fed upland
viii	Technology for Testing:	Different leguminous green leaf manures (Gliricidia/ Subabool / Acacia/ Sissoo) are to be applied in Brinjal/okra field
ix	Existing Practice:	Fertilizer application in the existing crop
x	Hypothesis:	
xi	Objective(s):	To find out the suitable green leaf manures beneficial for the vegetable farming and also improving soil health
xii	Treatments:	
	Farmers Practice (FP):	Cultivation of vegetable without application of green leaf manure
	Technology option-I (TO ₁):	Green leaves from Gliricidia will be incorporated to the field @ 10t ha-1 during field preparation and allowed 45 days into the soil for decomposition process
	Technology option-II (TO ₂)	Green leaves from Subabul will be incorporated to the field @ 10t ha-1 during field preparation and allowed 45 days into the soil for decomposition process.
	Technology option-II (TO ₃)	Green leaves from Acacia will be incorporated to the field @ 10t ha-1 during field preparation and allowed 45 days into the soil for decomposition process.
	Technology option-II (TO ₄)	Green leaves from Sissoo will be incorporated to the field @ 10t ha-1 during field preparation and allowed 45 days into the soil for decomposition process
xiii	Critical Inputs:	Leaves (Gliricidia/ Subabool / Acacia/Sissoo)
xiv	Unit Size:	0.4ha
xv	No of Replications:	10
xvi	Unit Cost:	1000
xvii	Total Cost:	10,000
xviii	Monitoring Indicator:	Nutrient availability in green leaf manure, Soil nutrient status, Yield of vegetable (q/ha). B:C ratio
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other	Source : TNAU, 2016

OFT-10

i	Season	Rabi, 2026-27
ii	Title of the OFT	Assessment of different value-added products of Mahua flower
iii	Thematic Area	Value addition
iv	Problem diagnosed	Lack of knowledge and expertise about mahua Value addition and product diversification
v	Important Cause	Mahua flower available are locally used for preparation of desi liquor

		and no value addition made
vi	Production system	
vii	Micro farming system	Rain-fed upland
viii	Technology for Testing	Mahua flower is used for preparation of mahua candy and RTS
ix	Existing Practice	No value addition of mahua flower
x	Hypothesis	Preparation of mahua candy and RTS for income generation
xi	Objective(s)	To find out the suitable value addition practices for income generation
xii	Treatments	
	Farmers Practice (FP):	No practice
	Technology option-I (TO ₁):	Mahua Candy: Cleaned, dried mahua, stamen removal, steeping in 40% sugar solution for 12 h, straining, boiling the syrup and adding sugar to 50% sugar solution, steeping for 24 h and straining, progressively repeating the step to 70% sugar solution similarly, straining, drying and packaging
	Technology option-II (TO ₂)	Mahua RTS: Extraction of pulp from mahua flower and mixed with equal amount of sugar and water. Mahua pulp 12.5 kg (TSS 7%) + sugar solution + 14 kg (TSS 74%) + water 36 kg.
xiii	Critical Inputs:	Mahua flower
xiv	Unit Size:	10
xv	No of Replications:	10
xvi	Unit Cost:	1500
xvii	Total Cost:	15000
xviii	Monitoring Indicator:	Adoptability %, Storing quality, Economics and B:C
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other)	Annual report AICRP on PHET-2020-21

OFT-11

i.	Season	:	Kharif-Rabi 2026-27
ii.	Title of the OFT	:	Assessment on Integrated Management of Argulosis in carps-
iii.	Thematic Area	:	Health Management
iv.	Problem diagnosed	:	Less production
v.	Important Cause	:	Fish mortality due to Argulosis in carp polyculture
vi.	Production system	:	Culture based system
vii.	Micro farming system	:	Pisciculture pond
viii.	Technology for Testing	:	Different Chemicals for control of Argulus in fish
ix.	Existing Practice	:	Application of lime 100kg/ha.
x.	Hypothesis	:	Control of crustacean ectoparasite
xi.	Objective(s)	:	Removal of Argulus from freshwater fish body as well as pond ecosystem
xii.	Treatments:		
	Farmers Practice. (FP)	:	Cypermethrin 10% EC / Deltamethrin 2.8% EC@ 0.01 ppm
	Technology Option-I (TO ₁)	:	Ivermectin 2% w/w in fish feed @ 250ppm & fed to the fishes for 4-5 days
	Technology Option-II (TO ₂)	:	ICAR-CIFRI- Argcure (TANDAV) @ 40 ml/acre-m/dose in 3 doses in weekly intervals
	Technology Option-III(TO ₃)	:	ICAR-CIFA-(L-Check/M-check)@2.5ml/ha-m in in 3 doses in weekly intervals
xiii.	Critical Inputs	:	Chemicals for control of Anchor worm & carp lice
xiv.	Unit Size	:	1 ac.
xv.	No of Replications	:	10
xvi.	Unit Cost	:	Rs. 1500
xvii.	Total Cost	:	Rs. 15,000
xviii.	Monitoring Indicator	:	Disease incidence (%), Mortality (%), SGR, ABW (Harvest), BC ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	ICAR-CIFA (2018), BENFISH (2018), CIFRI, Barrackpore

OFT-12

i.	Season	:	Kharif 2026
ii.	Title of the OFT	:	Assessment of suitable combination for natural fish farming-
iii.	Thematic Area	:	Natural Aqua Framing
iv.	Problem diagnosed	:	Less production from biofloc unit with IMC
v.	Important Cause	:	Sustainability in Natural Aqua Farming
vi.	Production system	:	Pond based
vii.	Micro farming system	:	
viii.	Technology for Testing	:	Suitable species in Natural Aqua Farming
ix.	Existing Practice	:	Practice with IMC
x.	Hypothesis	:	The selected species were having feeding habit of omnivorous and detritus
xi.	Objective(s)	:	To get maximum production comparison to IMC
xii.	Treatments:		
	Farmers Practice (FP)	:	IMC
	Technology Option-I (TO ₁)	:	IMC with Puntius
	Technology Option-II (TO ₂)	:	IMC with Mola
	Technology Option-II (TO ₃)	:	IMC with Chela (Bausnaparti)
xiii.	Critical Inputs	:	
xiv.	Unit Size	:	1 ac.
xv.	No of Replications	:	10
xvi.	Unit Cost	:	Rs. 1500
xvii.	Total Cost	:	Rs. 15,000
xviii.	Monitoring Indicator	:	Growth rate (%), Yield (q/ha)
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	

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	ARYA /SARAL	3.0
2	SCSP	1.5
3	ASCI	3.0
5	OFF SEASON FISH SEED PRODUCTION THROUGH GREEN ENERGY	100.0
6	PROJECT ON FPOs	1.5

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

- Impact analysis of project ARYA
- Success story of Farmers of Nayagarh district
- Farm promoters for upscaling technology in the field of agriculture extension
- Farm Mechanization in Rice cultivation
- Farm Mechanization in sugarcane cultivation
- Sugarcane jaggery preparation as a cottage industry
- Off season fish seed production

12. Scientific Advisory Committee

Date of SAC meeting held during 2025	Proposed date during 202
13.03.2026	18.12.2026

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	T		
Soil Samples	200	10	12	15	15	393	50	418	82	500	28	100
Water Samples	100	8	2	5	5	15	15	28	22	50	10	--
Total		18	14	20	20	408	65	446	104	550	33	100

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2025	Expected fund requirement (Rs.)
KVK-R	1085000-	25,00,000/-
KVK-NR	350000	-
Total		

* 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