

Annual Progress Report 2025



Krishi Vigyan Kendra, Kendrapara



ANNUAL REPORT 2025 (January-December 2025)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
At: Jajang, P.O: Kapaleswar, Dist: Kendrapara, Odisha - 754250	06727-297554		kvk.kendrapara@ouat.ac.in

1.2. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture and Technology Siripur, Suryanagar, Bhubaneswar - 751003	0674 - 2397970/ 2397818/ 2397719/ 2397669 / 2397719 / 2397919 / 2397868	0674 - 2397700	vcouat@gmail.com vc@ouat.ac.in

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Susmita Mohanty		9937789325	susmitam@ouat.ac.in

1.4. Year of sanction of KVK: 1994

1.5. Staff Position (as on 1stJanuary, 2025)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	PayScale with present basic	Date of joining	Permanent/ Temporary	Category (SC/ST/OBC/Others)
1.	Senior Scientist& Head	Dr. Aurovinda Das	Senior Scientist and Head	Agronomy	1,31,400-2,17,100 (1,71,400)	10.07.2023	Permanent	Others
2.	Subject Matter Specialist	Namita Mahapatra	Scientist (Home Sc.)	Home Sc.	57,700-1,82,400 (84,700)	28.10.2011	Permanent	Others
3.	Subject Matter Specialist	Dr. Prabhanjan Mishra	Scientist (Horticulture)	Horticulture	15,600-39,100 + GP 5400 (23,070)	21.11.2018	Permanent	Others
4.	Subject Matter Specialist	Dr. Gayatree Sahoo	Scientist (Plant protection)	Entomology	15,600-39,100 + GP 5400 (21,390)	29.12.2015	Permanent	OBC
5.	Subject Matter Specialist	Dr. Tapas Ranjan Sahoo	SMS (Agronomy)	Agronomy	56,100-1,77,500 (67,000)	21.11.2018	Permanent	OBC
6.	Subject Matter Specialist	Manas Ranjan Behera	SMS (Fishery Sc.)	Fishery Sc.	56,100-1,77,500 (67,000)	03.06.2021	Permanent	OBC
7.	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8.	Programme Assistant	Pravat Kumar Sahoo	Prog. Assistant (Agril.)	Soil Sc.	35,400-1,12,400 (50,500)	04.01.2016	Permanent	OBC
9.	Computer Programmer	Prasant Kumar Sahoo	Prog. Asst. (Computer)	Computer Sc.	35,400-1,12,400 (66,000)	03.06.2021	Permanent	OBC
10.	Farm Manager	Bipra Charan Swain	Farm Manager	Agronomy	35,400-1,12,400 (52,000)	05.07.2023	Permanent	Others
11.	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12.	Stenographer	Kishore Chandra Das	Jr. Steno-Comp. Operator	-	25,500-81,100 (43,500)	23.12.2013	Permanent	Others
13.	Driver	Birendra Kumar Parida	Driver-cum-Mechanic	-	19,900-63,200 (28,400)	04.06.2021	Permanent	Others
14.	Driver	Anirudha Gochhayat	Driver-cum-Mechanic	-	19,900-63,200 (29,300)	07.07.2014	Permanent	SC
15.	Supporting staff	Krushna Chandra Bhujabal	Peon-cum-watchman	-	16,600-52,400 (25,000)	29.07.2008	Permanent	Others
16.	Supporting staff	Vacant	-	-	-	-	-	-

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.5
2.	Under Demonstration Units	1.5
3.	Under Crops	5.645
4.	Orchard/Agro-forestry	1.7
5.	Others with details (Nallas, natural drainage water ways)	1.5
	Total	11.845

1.7. Infrastructure Development:**A) Buildings and others**

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					✓	552	Yes, but building damaged partly	ICAR
2.	Farmers Hostel					✓	305	Yes	ICAR
3.	Staff Quarters (6)					✓	265	Yes, but poor condition	ICAR
4.	Piggery unit								
5	Fencing					Partly completed		Used	RKVY
6	Rain Water harvesting structure								
7	Threshing floor					✓	250	Not used since 2021, damaged	ICAR
8	Farm godown					✓	40	Not used since 2019, damaged	ICAR
9.	Dairy unit								
10.	Poultry unit					✓		Yes	ICAR
11.	Goatery unit								
12.	Mushroom Lab					✓		Yes	ICAR

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
13.	Mushroom production unit								
14.	Shade house					✓	100	Used	Govt of Odisha
15.	Soil test Lab					✓	35	Not used since 2016, equipment non functional	ICAR
16	Others, Please Specify								

* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (₹)	Total km. Run	Present status
Motor bike (Hero Honda Super Splendor OR04G4022)	2007	42,782	57884	Damaged
Bolero (Mahindra Bolero B2BS-VI) OD02CJ3643	2023	9,00,000	31247	Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (₹)	Present status	Source of fund
a. Lab equipment				
Flame Photometer	2005	66,000	Non-functional	ICAR
BOD incubator	2005	1,42,000	Non-functional	ICAR
Automatic Nitrogen estimation system (Kelp) analyzer	2005	3,57,000	Non-functional	ICAR
Hot air oven	2005	11,000	Non-functional	ICAR
Micro Processor (PH) Meter	2005	10,200	Non-functional	ICAR
Conductivity meter	2005	10,200	Non-functional	ICAR
Refrigerator	2005	9,200	Non-functional	ICAR
Electronic top balance	2005	95,000	Non-functional	ICAR
Physical Balance	2005	4,500	Non-functional	ICAR
Bouyous Hydrometer	2005	6,500	Needs major repair	
Mechanical stirrer	2005	8,200	Non-functional	ICAR
Colony counter	2005	4,500	Needs major repair	
Plant sample grinder	2005	8,000	Needs major repair	ICAR

Name of equipment	Year of purchase	Cost (₹)	Present status	Source of fund
Hot water bath	2005	4,000	Needs major repair	
Horizontal Shaker	2005	11,000	Needs major repair	ICAR
Distil water unit	2005	7,200	Needs major repair	ICAR
Laboratory centrifuge	2005	9,000	Needs major repair	ICAR
Bod incubator	2005	1,42,000	Needs major repair	
Hot plate	2005	2,500	Needs repairing	ICAR
Spectro photometer	2005	30,100	Needs major repair	ICAR
Flame photometer	2005	35,200	Needs major repair	ICAR
Kelplus	2005	45,000	Needs major repair	ICAR
Autoclave	2011	60,000	Functional	ICAR
Laminar flow	2011	60,000	Requiring frequent repair	ICAR
Mrida Parikshak	2017	90,000	Functional	ICAR
Mini Lab	2019	1,24,000	Functional	ICAR
b. Farm machinery				
Tractor	2019	7,00,000	Good	ICAR
c. AV Aids				
LCD Projector	2006-07	-	Non-functional	ICAR
LCD Projector	2023-24	22,589	Functional	ICAR
Digital camera	2009	27,000	Non-functional	ICAR
Digital camera	2015-16	27,000	Functional	ICAR
Webcam	2020-21		Functional	ICAR
Logitech Video conference camera	2023-24	23,999	Functional	ICAR
LED TV	2021-22	28,000	Functional	ICAR
43" TV	2022-23	39,800	Functional	ICAR
Laptop	2017	43,237	Functional	NICRA
Laptop			Functional	ICAR
Laptop	2021-22	49,540	Functional	ICAR
Laptop	2023-24	45,616	Functional	ICAR
Desktop	2017	35,000	Functional	ICAR
Desktop	2021-22	44,150	Functional	ICAR
Desktop	2023-24	48,480	Functional	State Govt.
Trolley Speaker system	2022-23	19,800	Functional	ICAR
Deskjet Printer	2019-20	12,700	Non-functional	ICAR

Name of equipment	Year of purchase	Cost (₹)	Present status	Source of fund
Laser Printer	2023-24	19,900	Functional	ICAR
Laser Printer	2023-24	14,900	Functional	ICAR
Laser Printer	2023-24	24,690	Functional	ICAR
Laser Printer	2024-25	14,800	Functional	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (₹)	Present status	Source of fund
Cage Wheel	2020	7,000	Good	ICAR
Tyned cultivator	2019	15,000	Good	ICAR
Power weeder	2021	35,000	Good	ICAR
Paddy thresher (electrical)	2015	12,000	Good	ICAR
Brush cutter	2023	20,000	Good	ICAR

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	07.03.2026	30	- Before and after soil test data are to be recorded in Natural farming demonstration plots. - For sustainable production in rice fallow areas, improved scientific package may be demonstrated for local varieties of pulse crops. - Farm mechanization practices may be popularised in rice-based cropping system. - Promotion of salinity tolerant variety and technology on saline soil management are to be taken up in demonstration programmes. - More numbers of demonstrations is to be taken in vegetable crops instead of fruit crops with special emphasis on exotic vegetables and off-season vegetable cultivation. - Demonstration on floriculture may be conducted for higher return. - Promotion of Zero tillage potato cultivation - Training programmes on value addition of oyster mushroom and other fruits and vegetable are to be taken up to minimise post-harvest loss.	These will be included in the coming year action plan	

			• Emphasis may be given on polyculture of IMC with fresh water prawn. • Special emphasis may be given on the management of mite in vegetables, nematode and bacterial wilt in solanaceous crops and <i>Spodoptera</i> in Groundnut crop. • Management of leaf roll virus in potato may be given importance. • High value ornamental fish species except Platy, Guppy and Molly to be popularised. • Intercropping in arecanut plantation may be demonstrated. • A data base of biofloc farmers should be prepared with special focus on species, resources and feasibility in Kendrapara.		
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* Salient recommendation of SAC in bullet form

2.A. DISTRICT LEVEL DATA ON AGRICULTURE, LIVESTOCK AND FARMING SITUATION (2025)

Sl.No.	Item	Information
1	Major Farming system/enterprise	Rice-fallow, Rice-greengram/blackgram, rice-groundnut, rice-rice, Rice-pulse-vegetable, Rice-vegetable, Vegetable-vegetable, jute-blackgram/greengram
2	Agro-climatic Zone	East & South-East Coastal Plain Zone
3	Agro ecological situation	Coastal Irrigated alluvium (AES-1), Rainfed alluvium (AES-2) Coastal alluvial saline (AES-3), Coastal waterlogged (AES-4)
4	Soil type	Alluvial, Saline, Black soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice: 2984 kg/ha, Greengram: 370 kg/ha, Blackgram: 390 kg/ha, Groundnut: 2010 kg/ha, Jute: 1936 kg/ha, Vegetable crops: 130-270 q/ha
6	Mean yearly temperature, rainfall, humidity of the district	26.8°, 1501.3 mm, 78.5 %
7	Production of major livestock products like milk, egg, meat etc.	Fish: 15900 MT/year

Note: Please give recent data only

2.b. Details of operational area / villages (2025)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Pattamundai	Pattamundai	Gandakula	Rice, pulses, vegetables fish, poultry, mushroom	• Wilt complex in brinjal, tomato and chilli • Severe infestation of mite, borer, sucking pests in vegetable crops • Severe weed infestation reducing productivity of direct seeded rice • Low profitability in direct seeded rice • Unavailability of suitable greengram varieties • Vast rice fallow areas • Low fish productivity due to improper stocking density and stocking ratio, poor feed and disease management • Losses in storage of pulses due to stored grain pest • Low mushroom production in paddy straw mushroom due to contamination, unavailability of quality spawn • Unavailability of chicks of suitable breeds of poultry • Low milk yield in milch animals due to improper feeding and unhygienic housing	IPM in vegetable crops ICM in DSR Varietal evaluation of greengram Rice fallow management Scientific pisciculture Livelihood support to farm women Feed management in dairy
2	Kendrapara	Kendrapara	Koro	Rice, Fishery, poultry, Dairy Mushroom	• Low yield of rice due to pest infestation such as leaf folder, BPH, blast, stemborer • Vast rice fallow areas • High mortality of fish due to incidence of argulosis in IMC • Unavailability of quality spawn of paddy straw mushroom • Unavailability of chicks of suitable breeds of poultry • Low milk yield in milch animals due to improper feeding and unhygienic housing	IPM in rice Rice fallow management Scientific pisciculture Livelihood support to farm women Feed management in dairy
3	Derabish	Derabish	Nilakanthapur	Rice, pulses, Oilseeds, Fishery, poultry, Mushroom	• Weed infestation in vegetable crops affecting crop performance • Severe infestation of mite, borer, sucking pests in vegetable crops	IWM in vegetable crops IPM in vegetable crops ICM in DSR

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
					• Low profitability in direct seeded rice due to weeds and high cost of cultivation • Unavailability of suitable greengram and blackgram varieties • Vast rice fallow areas • Underutilization of tanks and low fish productivity in biofloc fish farming • Losses in storage of pulses due to stored grain pest • Unsustainable livelihood Unavailability of chicks of suitable breeds of poultry • Low milk yield in milch animals due to improper feeding and unhygienic housing	
4	Mahakalpara	Mahakalpara	Sahabajpur	Rice, Fishery, poultry, Dairy	• Incidence of mid- season and terminal drought in rice • Low yield of rice due to pest infestation such as leaf folder, BPH, blast, stemborer • Vast rice fallow areas • High mortality of fish due to incidence of argulosis in IMC • Non availability of suitable species for bifloc tanks • Unavailability of quality spawn of paddy straw mushroom • Unavailability of chicks of suitable breeds of poultry • Low milk yield in milch animals due to improper feeding and unhygienic housing	Drought management in rice IPM in rice Management of rice fallow
5	Garadpur	Garadpur	Berhampur	Rice, pulses, Oilseeds Vegetables poultry, Mushroom	• Weed infestation in vegetable crops affecting crop performance • Severe infestation of mite, borer, sucking pests in vegetable crops • Low profitability in direct seeded rice due to weeds and high cost of cultivation • Unavailability of suitable greengram and blackgram varieties	ICM in DSR IPM in vegetable crops IWM in vegetable crops Backyard poultry rearing

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
					• Vast rice fallow areas • Underutilization of tanks and low fish productivity in biofloc fish farming • Losses in storage of pulses due to stored grain pest • Unsustainable livelihood Unavailability of chicks of suitable breeds of poultry	

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2025) for its development and action plan

Name of village	Block	Action taken for development
Gandakula	Pattamundai	• Addressing weed problems in major crops like rice, greengram and Blackgram • Increasing productivity of rice -pulse system under rice fallow • Promotion of Integrated farming system • Increasing productivity of rice through IPM for management of major pest and diseases • Increased livelihood security through rearing of dual-purpose poultry bird • Increasing production potential of paddy straw mushroom through supply of quality spawn • Increasing fish yield through inter cropping of minor carps
Koro	Kendrapara	• Promotion of aromatic rice varieties • Increasing productivity of rice-based cropping system through integration of millet in the system • Promotion of Integrated farming system • Increasing productivity of rice through IPM for management of major pest and diseases • Increased livelihood security through rearing of duckery in backyard. • Increasing production potential of paddy straw mushroom through supply of quality spawn • Increasing fish yield through inter cropping of minor carps
Nilakanthapur	Derabish	• Promotion of farm mechanization through use of transplanter in rice • Increasing productivity of rice -pulse system under rice fallow

		• Promotion of Integrated farming system • Increasing productivity of rice through IPM for management of major pest and diseases • Increased livelihood security through rearing of dual-purpose poultry bird • Increasing production potential of paddy straw mushroom through supply of quality spawn • Increasing fish yield through introduction of GI catla and amur carp
Sahabajpur	Mahakalpara	• Increasing productivity of vegetable-based cropping system through introduction of new varieties • Improving productivity of Sunflower through ICM • Increasing productivity of rice -pulse system under rice fallow • Promotion of Integrated farming system • Increasing productivity of rice through IPM for management of major pest and diseases • Increased livelihood security through rearing of dual-purpose poultry bird • Increasing production potential of paddy straw mushroom through supply of quality spawn
Berhampur	Garadpur	• Increasing productivity of rice through INM and IWM • Increasing yield of vegetables crops through weed management • Promotion of Integrated farming system • Increasing productivity of rice through IPM for management of major pest and diseases • Increased livelihood security through rearing of dual-purpose poultry bird • Increasing production potential of paddy straw mushroom through supply of quality spawn • Increasing fry yield through incorporation of micro nutrients • Improving productivity of biofloc system

2.1 Priority thrust areas

S. No	Thrust area
1	Resource conservation in rice, biotic and abiotic stress management in rice
2	Enhancement of productivity of pulses
3	Crop residue management and crop diversification in rice-based cropping system
4	Promotion of organic farming and natural farming
5	Promotion of millets: production and value addition
6	Soil health management
7	Pest management of vegetable crops

8	QPM production and promotion of remunerative horticulture
9	Species diversification, feed and disease management in pisciculture
10	Promotion of pond based integrated farming system
11	Low-cost feeding practices in livestock through promotion of fodder and azolla
12	Strengthening backyard poultry for small and marginal farmers
13	Cost minimization and processing in mushroom

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievement of mandatory activities by KVK during the year

OFT												FLD											
No. of technologies tested:												No. of technologies demonstrated:											
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
10	10	70	5	3	0	0	56	6	61	9	70	18	18	228	35	11	0	0	160	22	195	33	228

Training												Extension activities											
Number of Courses		Number of Participants										Number of activities		Number of participants									
Targ et	Achieveme nt	Targ et	Achievement									Targ et	Achie v-ement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
70	70	2040	35	16	0	0	105	46	140	63	204	650	601	20000	3054	1147	0	0	9761	3717	12816	4865	17681
			3	5			3	9	6	4	0			0	5	9			6	9	1	8	9

Impact of capacity building											Impact of Extension activities													
Number of Participants trained				Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)							Number of Participants attended			Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)										
Target	Achievement			SC		ST		Others			Total	Target	Achievement		SC		ST		Others		Total			
				M	F	M	F	M	F	M					F	T	M	F	M	F	M	F	M	F
2040	465			12	3	0	0	73	24	85	27	112	176819	1875		201	36	0	0	1044	594	1245	630	1875

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
200	197	1.0	0.16

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.30	0.12560	0.007	0.00466

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	2	Mass	2	5.14	5.00	-	-
Seminar/conference/symposia papers	1	Mass	-	-	-	-	-
Books			-	-	-	-	-
Bulletins	2	500	-	-	-	-	-
News letter	1	500	-	-	-	-	-
Popular Articles	3	Mass	-	-	-	-	-
Book Chapter	4	Mass	-	-	-	-	-
Extension Pamphlets/literature	5	5000	-	-	-	-	-
Technical reports	232	-	-	-	-	-	-
Electronic Publication (CD/DVD etc.)	1	Mass	-	-	-	-	-
TOTAL	251	-					

3.1 Achievements on technologies assessed and refined

1.	OFT-1: Title of On farm Trial	Refinement of millet integrated rice-based cropping system
2.	Problem diagnosed	Low income from existing cropping farming system
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Rice-blackgram/ greengram TO ₁ : Rice-finger millet TO ₂ : Early rice-finger millet-greengram
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, 2021
5.	Production system and thematic area	Rice –pulse, Cropping system evaluation
6.	Performance of the Technology with performance indicators	Early rice-finger millet-greengram gives 300 % cropping intensity with higher net return/ha (91030) and maximum system yield 78.4 q/ha in terms of rice equivalent yield
7.	Final recommendation for micro level situation	Early rice-finger millet-greengram is more remunerative
8.	Constraints identified and feedback for research	Finger millet during kharif in medium land is not performing well
9.	Process of farmers participation and their reaction	Farmers have actively participated

Thematic area: Cropping system evaluation

Problem definition: Low income from existing cropping system

Technology assessed:

Technology option	No. of trials	Cropping intensity (%)	System Yield (REY) (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP	7	200	55.6	75,300	131716	55,416	1.73
TO ₁	7	200	67.3	88,800	159434	70,834	1.80
TO ₂	7	300	78.4	94,800	185730	91,030	1.96
CD			7.73				

Results: Early rice-finger millet-greengram gives 300 % cropping intensity with higher net return/ha (91030) and maximum system yield 78.4 q/ha in terms of rice equivalent yield

1	OFT-2: Title of On farm Trial	Assessment of suitable jute-based cropping systems for higher profitability
2	Problem diagnosed	Low income from existing cropping farming system
3	Details of technologies selected for assessment (Mention either Assessed or Refined)	FP: Jute- blackgram TO ₁ : Jute- groundnut TO ₂ : Jute-rice-greengram TO ₃ : Jute-vegetable (gardenpea)
4	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT 2021
5	Production system and thematic area	Irrigated, Medium land, Jute -rice, ICM
6	Performance of the Technology with performance indicators	Jute -vegetable (garden pea) gives 200 % cropping intensity with higher net return/ha (199380) and maximum system yield 57.2 q/ha in terms of jute equivalent yield
7	Final recommendation for micro level situation	Jute- vegetable is more remunerative
8	Constraints identified and feedback for research	Early duration Jute variety is needed.
9	Process of farmers participation and their reaction	Farmers have actively participated

Thematic area: Cropping system evaluation

Problem definition: Low income from existing cropping system

Technology assessed:

Technology option	No. of trials	Cropping intensity (%)	System Yield (REY) (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP	7	200	29.8	69300	168370	99070	2.43
TO ₁	7	200	47.3	108200	267245	159045	2.47
TO ₂	7	300	49.3	125300	278545	153245	2.22
TO ₃	7	200	57.2	123800	323180	199380	2.61
	CD		8.4				

Results: Jute -vegetable (garden pea) gives 200 % cropping intensity with higher net return/ha (199380) and maximum system yield 57.2 q/ha in terms of jute equivalent yield.

1	OFT-3: Title of On farm Trial	Assessment of weed management practices in brinjal
2	Problem diagnosed	Low yield and income from Brinjal due to higher weed infestation
3	Details of technologies selected for assessment (Mention either Assessed or Refined)	FP: Manual weeding (25,45,60 DAT) TO ₁ : Use of Power weeder (25 DAT & 45 DAT) TO ₂ : Application of Pendimethalin @ 1.5 kg /ha at 2 DAT followed by application of quizalofop ethyl 0.75 kg /ha 40 DAT
4	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	1: AAU, ASAM, 2024 2: UAS, Dharwad, 2023
5	Production system and thematic area	Irrigated, Rice-vegetable
6	Performance of the Technology with performance indicators	Application of Pendimethalin @ 1.5 kg /ha at 2 DAT followed by application of quizalofop ethyl 0.75 kg /ha 40 DAT resulted lower yield compared to farmers' practice, but economically it is the best although higher net return is realised in mechanical method.
7	Final recommendation for micro level situation	Economically chemical method is best.
8	Constraints identified and feedback for research	Running of power weeder at 60 DAT is difficult if paired row planting is not done
9	Process of farmers participation and their reaction	Farmers have actively participated

Thematic area: IWM

Problem definition: Low yield due to high weed infestation

Technology assessed:

Technology option	No. of trials	WCE (%)	Yield (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP	7	92	294	145600	294000	148400	2.02
TO ₁	7	86	271	106400	271000	164600	2.55
TO ₂	7	83	264	102300	264000	161700	2.58
CD			4.3				

Results: Application of Pendimethalin @ 1.5 kg /ha at 2 DAT followed by application of quizalofop ethyl 0.75 kg /ha 40 DAT resulted lower yield compared to farmers' practice, but economically it is the best although higher net return is realized in mechanical method.

1	OFT-4: Title of On farm Trial	Assessment of natural farming practices in vegetable crops
2	Problem diagnosed	Heavy use of agrochemicals leading to deterioration of soil and environment health; rising cost of cultivation
3	Details of technologies selected for assessment (Mention either Assessed or Refined)	FP: Okra sole crop with application of chemical fertilizer and need based plant protection chemicals TO₁: Okra + Cowpea (1:1) + Seeds treatment with beejamrita 200 ml/kg seeds. Application of Ghanjeevamrit 400 kg/acre 2 times 200 kg during sowing and 45 DAS (Placements)+ Application of Dhravajeevamrit Soil application 3 times @200 l each at 30, 60 and 90 DAS and foliar spray 4 times at 15,45,75, and 105 DAS @ 10% spray. Growing of trap crops marigold as border crop. Spraying Neemastra and Agniastra @ 5 l in 200 l of water at 10 days interval alternatively. Spraying of sour butter milk @ 6L in 100 L of water on incidence of diseases. (AP Natural farming model) TO₂: Okra + Cluster bean (1:1) + Green manuring through Dhaincha. Seed treatment with beejamrita 200 ml/kg of seeds for 7 hrs. Application of FYM 200 kg/acre + Ghanjeevamrit 25 kg/acre during sowing + Application of jeevamrit Soil application 6 times @200 l each at 15 days interval after sowing along with irrigation water. 10 % desi cow urine spray if leaf turns yellow. 6 foliar spray of Jeevamrit @ 5 % at 20 days interval from sowing of main crop growing of trap crops marigold as border crop. Spraying Neemastra and Bhrahamstra @ 3 l in 100 l of water at 10 days interval alternatively. Spraying of sour butter milk @ 3l in 100 l of water on incidence of diseases. (Gujrat Natural farming)
4	Source of Technology (ICAR/ AICRP/ SAU/ other, please specify)	MANAGE, 2025
5	Production system and thematic area	Irrigated, Vegetable-vegetable
6	Performance of the Technology with performance indicators	-
7	Final recommendation for micro level situation	-
8	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	Farmers have actively participated

Thematic area: Natural Farming

Problem definition: Heavy use of agrochemicals leading to deterioration of soil and environment health; rising cost of cultivation Technology assessed:

Technology assessed:

Technology option	No. of trials	Cropping intensity (%)	System Yield (REY) (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP	7						
TO ₁	7						
TO ₂	7						

Results: The trial is being continued.

1.	OFT-5: Title of On farm Trial	Assessment of tuber crops as intercrop in Arecanut plantation Code-24OHO17(K)
2.	Problem diagnosed	No inter space utilization in Arecanut plantation leading to weeds acting collateral host for pest and diseases
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	FP: No intercrop TO ₁ : Cultivation of Elephant foot yam Var. Gajendra TO ₂ : Cultivation of turmeric Var. Rashmi
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CPCRI-2014
5.	Production system and thematic area	Arecanut plantation, upland, irrigated and crop production s
6.	Performance of the Technology with performance indicators	Yield (ha): TO ₁ :153q/ha and TO ₂ : 103 q/ha
7.	Final recommendation for micro level situation	Additional return during gestation period of Arecanut plantation: ₹6,33,560.00/ ha from intercrop within 9 months
8.	Constraints identified and feedback for research	Timely QPM availability and lack of awareness on proper planting distance
9.	Process of farmers participation and their reaction	Farmers participated with great enthusiasm.

Thematic area: Intercropping

Problem definition: No inter space utilization in Arecanut plantation leading to weeds acting collateral host for pest and diseases

Technology assessed: Inter crop cultivation of Elephant foot yam Var. Gajendra & Cultivation of turmeric Var. Rashmi in arecanut plantation

Technology option	No. of trials	Percentage Increase in yield (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	0		0	0	0	0
TO ₁	7	100	153	216381	612000	395619	2.83
TO ₂	7	100	103	153459	391400	237941	2.55

Results: Cultivation of turmeric Var. Gajendra as intercrop resulted best with highest net return of Rs. 3,95,619.00 and B: C of 2.83 from the intercrop

1.	OFT-6: Title of On farm Trial	Assessment of zero tillage potato cultivation under coastal agriculture 25OH002 (R)
2.	Problem diagnosed	Heavy soil limits potato cultivation, high cost of production and low profitability
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Conventional method of potato cultivation TO ₁ : Planting of potato tuber at a spacing of 60 x 20 cm with 20 t/ha FYM and covering the seed tuber with 20 cm paddy straw TO ₂ : Planting of potato tuber in lines on untilled soil, mulching with 20 cm thick straw mulch, fertilizer recommendation as per RDF
4.	Source of Technology (ICAR/ AICRP/ SAU/ other, please specify)	TO ₁ : CIP-2024, TO ₂ : OUAT 2024
5.	Production system and thematic area	Vegetable –Vegetable, Production technology
6.	Performance of the Technology with performance indicators	Although both the technological options yield-wise did not perform better over Farmers practice but due to zero tillage & no earthing up cost of cultivation was low, leading to high B: C ratio than check.
7.	Final recommendation for micro level situation	Land with heavy clayey soil, potato cultivation is possible by adopting these technologies
8.	Constraints identified and feedback for research	Thick mulching of 8-inch paddy straw, leading late shoot formation.
9.	Process of farmers participation and their reaction	Farmers have actively participated, highly motivated with performance in clayey heavy soil.

Thematic area: Production technology

Problem definition: Heavy soil limits potato cultivation, high cost of production and low profitability

Technology assessed: Zero tillage potato cultivation with mulching

Technology option	No. of trials	Percentage Increase in yield (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	-	219.37	103000	219370	116370	2.13
TO ₁	7	-16	184.37	77000	184370	107370	2.39
TO ₂	7	-22	171.88	77000	171880	94880	2.23

Results: Heavy soil is no longer a limiting factor for potato cultivation. Higher yield is from conventional potato cultivation. Whereas due to no tillage practice, cost of cultivation is low in both the technological options and higher profitability & higher B:C ratio of (2.39) in TO -II.

1.	OFT-7: Title of On farm Trial	Assessment on YSB and Leaf folder management practices in rice
2.	Problem diagnosed	Low yield due to heavy infestation of yellow stem borer and leaf folder as regular pest in rice
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	FP: Foliar spray with (Chlorpyrifos + Cypermethrin) 1 l/ha @ or Profenophos @ 1l/ha TO ₁ : Foliar spray of Flubendiamide 20% WG @ 125 g/ha at the vegetative phase and at flowering stage TO ₂ : Foliar spray with Tetraniliprole 20SC @ 250 ml/ha at 25, 45 and 65 DAT TO ₃ : Soil application with (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha twice at 30 DAT and PI stage
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO ₁ : DEPT. OF ENTO. OUAT 2023 TO ₂ : AICRP ON RICE, CHIPLIMA-2023 TO ₃ : RRTTS, RANITAL-2023
5.	Production system and thematic area	Rice- pulse cropping system, Pest management
6.	Performance of the Technology with performance indicators	DH/Sq mt, WEH/sq mt
7.	Final recommendation for micro level situation	Soil application with (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha twice at 30 DAT and PI stage
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers were actively involved in the trial

Thematic area: Pest management

Problem definition: Low yield due to heavy infestation of yellow stem borer and leaf folder as regular pest in rice

Technology assessed:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	DH%	WEH (%)	Leaf damage (%)					
FP	7	7			19.6	21.2	19.5	38.5	101500	122400	20,900	1.33
TO ₁	7	11			4.9	6.1	4.1	43.4	107500	138000	30,500	1.51
TO ₂	7	13			4.5	5.8	4.2	45.1	114500	143400	28,900	1.46
TO ₃	7	13			4.1	4.3	3.9	46.4	116500	149100	32,600	1.55

Results: Soil application with (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha twice at 30 DAT and PI stage (TO₃ was found better over other treatments with 21.81% increase in yield over FP and with B:C ratio of 1.55 Good quality photographs of different treatments

1.	OFT-8: Title of On farm Trial	Assessment of management practices against pod borer complex in greengram
2.	Problem diagnosed	Yield reduction due to infestation of pod borer complex
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Foliar spray with (Chloropyriphos+ Cypermrthrin) @ 1L/ ha TO ₁ : Installation of bird perches @ 50 nos./ha, Foliar spray of Emamectin benzoate 5SG @ 200g/ha at 50% flowering stage, Need based spray of Indoxacarb 14.5SC @ 150ml/ha at pod development stage TO ₂ : Foliar spray of neem oil 1500PPM @3ml/lit at 30 days after sowing (DAS) followed by Flubendiamide 39.35% SC 200 ml/ha at 45 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO ₁ : National Pulse Research Centre, Tamil Nadu, 2023 TO ₂ : OUAT, 2018
5.	Production system and thematic area	Rice- pulse cropping system, IPM
6.	Performance of the Technology with performance indicators	No. of damaged pods/plant, no. of different spp. Of larvae per plant, No. of webbings/plant
7.	Final recommendation for micro level situation	Continuing...
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers were actively involved in the trial

Thematic area: IPM

Problem definition: Yield reduction due to infestation of pod borer complex

Technology assessed:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of pods perplant	No. of grains per pod	Test wt. (100 grain wt.)	No. of larvae/ plant	No. of damaged pod/plant					
FP	7	7			5	18.5	4.05	18400	28350	9950	1.54
TO ₁	7	11			1	2.1	5.21	20370	36470	16100	1.79
TO ₂	7	12			3	6.3	5.01	20390	35070	14680	1.72

Results: : Installation of bird perches @ 50 nos./ha, Foliar spray of Emamectin benzoate 5SG @ 200g/ha at 50% flowering stage, Need based spray of Indoxacarb 14.5SC @ 150ml/ha at pod development stage found better over other treatments with a highest B: C ratio of 1.79.

1.	OFT-9: Title of On farm Trial	Assessment on Integrated management of Argulosis in carps (Code- 25OFS01(Y))
2.	Problem diagnosed	Mortality of fish and low production due to Argulus infestation
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	FP: Cypermethrin 10% EC/ Deltamethrin 2.8% EC @ 0.01 ppm TO ₁ : Ivermectin 2% w/w in fish feed @ 250 ppm and fed to the fishes for 4-5 days TO ₂ : ICAR CIFRI-Argcure (TANDAV/DANAV) @ 100 ml/Ha-m/dose (3 doses in weekly interval) TO ₃ : ICAR CIFA (L-check/M-check) @ 2.5 lit/Ha-m/dose (3 doses in weekly interval)
4.	Source of Technology (ICAR/ AICRP/ SAU/ other, please specify)	CIFRI, Barrackpore and CIFA, Bhubaneswar
5.	Production system and thematic area	Disease management
6.	Performance of the Technology with performance indicators	TO1 i.e. use of Ivermectin is effective in controlling Argulus infestation in carps
7.	Final recommendation for micro level situation	TO1 recommended for control of Anchor worm and carp lice
8.	Constraints identified and feedback for research	NIL
9.	Process of farmers participation and their reaction	Farmers have actively participated and happy with the technology

Thematic area: Fish disease management

Problem definition: Mortality of fish and low production due to Argulus infestation

Technology assessed:

Technology option	No. of trials	Disease incidence (%)	Survival rate (%)	Yield (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP	7	36	68	24.34	1,90,900	2,92,080	1,01,180	1.53
TO ₁	7	3	96	33.26	2,07,875	3,99,120	1,91,245	1.92
TO ₂	7	5	93	31.87	2,02,350	3,82,440	1,80,090	1.89
TO ₃	7	6	92	31.23	1,99,340	3,74,760	1,75,420	1.88

Results: TO₁ i.e. use of Ivermectin is effective in controlling Argulus infestation in carps

1.	OFT-10: Title of On farm Trial	Assessment on growth performance of Seabass and GIFT Tilapia in polyculture with IMC in shrimp pond. Code-24OFS03(K)
2.	Problem diagnosed	Non utilization of shrimp pond after harvesting of shrimp
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	FP: Underutilization of shrimp pond after the harvest or IMC only TO ₁ : IMC with additional Stocking of Sea bass seed (10%) TO ₁ : IMC with additional Stocking of GIFT Tilapia (10%) TO ₃ : IMC with additional Stocking of Sea bass (5%) + GIFT Tilapia (5%)
4.	Source of Technology (ICAR/ AICRP/ SAU/ other, please specify)	TO ₁ and TO ₁ – CIBA 2017 TO ₃ – KAU 2016
5.	Production system and thematic area	Pond based, production and management
6.	Performance of the Technology with performance indicators	Result Awaited
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

Thematic area: Production and management

Problem definition: Non utilization of shrimp pond after harvesting of shrimp

Technology assessed:

Technology option	No. of trials	Disease incidence (%)	Survival rate (%)	Yield (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP								
TO ₁								
TO ₂								
TO ₃								

Results: Result Awaited

3.2 Achievements of Frontline Demonstrations

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1	Rice	ICM for local red rice under saline soil condition	Red rice varieties Panialna and Bhaluki, dhaincha green manuring, FYM @2t/ha, jeevamrut @200L/application – 5 times	2	2	3				12		15		15	
2	Rice	Demonstration on indigenous aromatic rice var. Kalikati	Cultivation of aromatic rice var. Kalikati with organic nutrient management practices	2	2	4				11		15		15	
3	Rice	Demonstration on customized mechanical transplanting under irrigated rice-pulse cropping system	Use of four rowed rice walk behind transplanter Customised system: identification of rural youth as entrepreneur (service provider) for promotion of mechanical transplanting, selection of a cluster of 20 acres, raising of community nursery, transplanting by SP on a customized approach.	8	8	12	3			21	12	33	15	48	
4	Finger-millet	ICM	STBF +Seed treatment with biofertilizers (Azospirillum& PSM @ 25 g/ Kg of seeds each var. Arjun (Line Sowing of finger millet at 22.5 cm x 10 cm)	2	2					7	3	7	3	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P ₂ O ₅	K ₂ O					
Rice	Kharif	Rainfed	Sandy loam	125.9	14.2	217.6	Greengram/Blackgram	25.07.2025	23.12.2025	821	60
Rice	Kharif	Rainfed	Clayey loam	142.6	15.8	286.8	Greengram/Blackgram	18.07.2025	12.12.2025	861	72
Rice	Kharif	Rainfed	Clayey loam	148.7	16.4	247.9	Greengram/Blackgram	09.07.2025	03.12.2025	841	68
Finger-millet	Rabi	Irrigated medium land	Sandy loam	205.3-218.3	9.5-10.3	170.3-185.2	Rice	27.01.2026	Continuing	582	48

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

Performance of FLD**Oilseeds (Frontline demonstrations on oilseed crops)**

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Sunflower	ICM	Cultivation of sunflower hybrid KBSH 53 with application of STBF + Sulphur @30kg /ha and Boron 1kg/ha + Application of Trichoderma @ @4 kg/100 kg FYM. Pre emergence application of Pendimethalin @1kg/ha for weed management.	10	2	18.9	16.3	10.42	65100	145530	80430	2.23	64100	125510	61410	1.95
Total															

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Pulses (Frontline demonstration on pulse crops)

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Rice	ICM	Red rice varieties Panialna and Bhaluki, dhaincha green manuring, FYM @2t/ha, jeevamrut @200L/application – 5 times	15	2	40.3	36.2	11.3	-	-	50375	84630	34255	1.68	49364	76020	26656	1.54
Rice	ICM	Cultivation of aromatic rice var. Kalikati with organic nutrient management practices	12	2	39.8	33.4	19.16			50963	83580	32617	1.64	49394	70140	20746	1.42

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Rice	Farm mechanization	Use of four rowed rice walk behind transplanter Customised system: identification of rural youth as entrepreneur (service provider) for promotion of mechanical transplanting, selection of a cluster of 20 acres, raising of community nursery, transplanting by SP on a customized approach.	48	8	48.2	43.6	10.55			58897	102480	43583	1.74	60237	91560	31323	1.52
Finger millet	ICM	STBF + Seed treatment with biofertilizers (Azospirillum & PSM @ 25 g/ Kg of seeds each var. Arjun (Line Sowing of finger millet at 22.5 cm x 10 cm)	10	2			Cont ...										

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Guava	Management of young plants	In the month of June, branch bending to done by retaining 10-15 pairs of leaves at apex and removing all the leaves, flowers and developing fruits manually. Branches were bent down by applying pressure gradually from proximal to distal end of branch. They are to be kept at bent position by tying the tip of branches to the wooden pegs fixed on the ground with the help of rope till flushing completes, for 40-45 days.	10	1	207	183	13			227500	724500	497000	3.18	225400	640500	415100	2.84

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Tuberos e	Production technology	Tuberose var. Arka prajwal (Shringar x Mexican single). Planting of bulbs of size 1.5 to 2.5cm with RDF, spacing 30 cm x 20 cm with recommended package of practices	10	0.2	-	-	Cont ...										
Ridge gourd	Production techniques	Lean to type trellies - stake are joined between two adjoining bed forming an A shaped structure horizontal stakes are installed at the top joining of all other. Strings are used to secure adjoining stakes, trellies height 2m.	10	0.4	217	179	13			122850	325500	229722.5	2.65	95778	232700	109850	2.43
Mango	Orchards Management	Application of triacontanol (3 ppm) at panicle initiation, pea, and marble stage of fruit growth	10	1	-	-	Cont ...										

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Okra	BIPM	Installation of yellow sticky trap @ 50 no./ha at 25 DAS, foliar spray with Neem oil 1500 ppm @ 3ml/l twice at 20 DAS and 40 DAS for management of sucking pests followed by foliar spray with <i>Metarrhizium anisopliae</i> @ (2 x 10 ⁸ cfu) @ 2 g/l water twice at 40 and 50 DAS for management of fruit borer	10	01	145.8	132.0	10.45	Fruit infestation by fruit borer (%): 12 Aphid/cm twig (no.): 5 YVMV infected plants/25 sq mt : 1	Fruit infestation by fruit borer (%): 21 Aphid/cm twig (no.): 48 YVMV infected plants/25 sq mt : 6	202480	291600	89,120	2.60	181420	264000	82,580	2.52

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Bitter gourd	IPM	Food bait @ (20 baits/ ha, 100ml/ bait) (Mixture of 1kg cucumber fruit pulp + 50g Gur + 100ml cow urine + 0.5 lit water and kept for overnight, diluted in 5 lit water and added 10 ml malathion) + Pheromone trap with Cue- lure @ 25 traps / ha installed at 20 DAS (Change of lure at 20 days interval) + foliar spray with Spinosad 45 % SC @ 20 ml/ ha at 30, 45, 60 and 75 DAS	10	1	135.8	98.2	27.69	Infested fruit (%) : 4.3	Infested fruit (%) : 37.1	120700	271600	1,50,900	2.25	134880	196400	61,520	2.11

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Coconut	IPM	Spraying of <i>Metarrhizium anisopliae</i> 5 x 10 ¹¹ cfu (@ 250g <i>Metarrhizium</i> culture + 750ml water) in manure pits to check the perpetuation of the pest + Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults + installation of bucket traps with Rhinolure @12nos./ha + Cholorpyriphos 1.5 D+ sand (1:2) @150 g at the base of the three inner leaves of the plant thrice in a year		01	Nuts/ha : 10850	Nuts/ha : 7950	26.73	Leaf damage % : 13	Leaf damage %: 54	57100	162750	105650	2.85	49680	119250	69570	2.41

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (₹/ha)				*Economics of check (₹/ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Brinjal	IPM	Installation of Yellow sticky traps @ 50 nos./ha at 30 DAT, alternate spraying of Diafenthiuron 50 WP @ 300g/ha and Spirotetramat 11.01% + Imidachloprid 11.01% SC @ 500 ml/ha at 10 days interval starting from 40 DAT	10	1	218.8	176.4	24.03	Mites/leaf: 1.5 Jassids/leaf: 3.1	Mites/leaf: 12 Jassids/leaf: 25	103200	218800	115600	2.12	96200	176400	80200	1.83
		Total															

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (₹)				*Economics of check (₹)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Others (pl.specify)																	
Poultry																	
Feed preparation																	

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (₹)				*Economics of check (₹)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Backyard duckery																	
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Yield (q/ha)		% change in major parameter	Other parameter		*Economics of demonstration (₹)				*Economics of check (₹)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Fry	Carp fry production	Use of Manganous sulphate and Cobaltous chloride each at a dose of 0.01 mg per spawn per day (incorporated with powdered feed)	10	10	27.10 lakh fry/ha	21.89 lakh fry/ha	23.80	Survival rate (%) - 37.75 DOC to attend avg. fry size (25 mm) - 14	Survival rate (%) - 31.20 DOC to attend avg. fry size (25 mm) - 19	208640	538300	329660	2.58	183950	437800	253850	2.38
Carps	Production and management	Application of Seaweed extract @ 1 kg/Ac/month and Mineral mixture @ 1 kg/Ac/month to maintain the desired plankton level in pond	10	10	39.67	33.74	17.57	Plankton density (ml/50 L water) 2.20	Plankton density (ml/50 L water) 1.80	212500	476040	263540	2.24	205520	404880	199360	1.96

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Yield (q/ha)		% change in major parameter	Other parameter		*Economics of demonstration (₹)				*Economics of check (₹)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
BW prawn	Production and management	Dietary minerals and vitamin C supplementation on production of <i>P. vannamei</i> post larvae reared in earthen ponds. Combination of KCl and MgCl ₂ @ 2.5 g/kg feed and Vit C @ 5 g/Kg feed	10	10	47.25	41.5	13.85	-	-	492000	1435000	943000	2.91	489100	1255000	765900	2.56
Fish	Integrated Farming System	Stocking of Yearlings of IMC @ 5000 nos/ha, planting of Papaya, Banana and drumstick on pond dykes + duckery	10	10	Result Awaited												
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
		Total	40	40													

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (₹) or ₹/unit				*Economics of check (₹) or ₹/unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom																
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Value addition																
Drudgery reduction																
Compost making																
Backyard duckery																
NRRI Decomposer	Application of NRRI Decomposer (1.0 kg inoculum along with 0.5% urea and 1.0% cow dung, or alternatively, 1.0 kg inoculum with 5.0% cow dung for one tonne of agricultural wastes.	10	10	After one season Organic Carbon (%) 0.44-0.46	After one season Organic Carbon(%) 0.40-0.42	16.43	Yield q/ha 24.8	Yield q/ha 21.3	17500	29760	12260	1.70	12300	17040	4740	1.38
Others (pl.specify)																
Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (₹/ha or ₹/Unit)
					Demons ration	Check			
Transplanter	Rice	Demonstration on walk behind type 4 row rice transplanter	40	8	0.2 ha/hr	0.004 ha/hr	49 % increase in output	20 man days reduction	7500/ha

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (₹/ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (₹/ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Castor										
Mustard										
Safflower										
Sesame										
Sunflower	KBSH 53	10	2	Result awaited						
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Ridge gourd)	Naina	10	0.1	179	217	13	95778	232700	109850	2.43
Total										
Commercial crops										
Cotton										

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (₹/ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Coconut										
Others (Pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total										

Good quality photographs of FLDs

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
	Rice	- Machine is required for transplanting of uprooted seedlings - Marketing aspects of local red rice need to be addressed - Plant protection measures in rice under Natural farming need to be standardized.
	Millet	Suitable ragi varieties need to be evaluated to be fit in the existing cropping system
	Sunflower	Bird attack to matured heads need to be addressed
		Salinity tolerant varieties of sunflower to be evaluated
	Okra	Bioagents must be available in local market
	Coconut	traps and lures are not available in the local market
	Brinjal	The IPM package was widely adopted by the farmers

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	17.9.25, 25.9.25, 3.10.25, 8.10.25, 14.10.25, 22.10.25, 30.10.25, 6.11.25, 13.11.25, 25.11.25, 3.12.25, 12.12.25, 17.12.25, 30.12.25, 11.2.26, 25.2.26, 20.3.26	17	890	
2.	Farmers Training	31.7.25, 26.8.25, 02.9.25, 08.8.25, 19.7.25, 18.10.25, 31.10.25, 01.11.25, 17.3.2026	9	270	
3.	Media coverage				
4.	Training for extension functionaries	30.1.26, 31.01.26, 17.03.26	3	75	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2025 and Rabi 2025-26:**A. Technical Parameters:**

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Groundnut	G-66	18.41	18.34	11.72	22.25	Variety K1812 + planting by multi-crop planter+ line spacing 30 cm+ STBF + soil application of Sulphur 90S @ 30kg/ ha + Foliar spray with Borax 20.5% @ 750g/ha+ need based Herbicide application of Imazethapyr10SL @ 400ml/ac + need based PP measures	158	50	22.2	19.8	21	2.66	9.28	-1.91

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (₹/ha)	Gross return (₹/ha)	Net Return (₹/ha)	B:C ratio	Gross Cost (₹/ha)	Gross return (₹/ha)	Net Return (₹/ha)	B:C ratio
1	Improved seed + Planting by multicrop planter + Line sowing + HERBICIDE APPLICATION OF Imazethapyr10 SL @ 400ml/ ac + soil application of sulphur @ 30 kg/ha at 30 DAS + foliar spray with borax 20.5% @ 750g/ ha + need based PP measures	68900	130760	61860	1.89	70765	146438	75673	2.07

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate(₹/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ house hold)
01	Ground nut (K-1812)	456.25	85	70/-	Nil	110	education of child, health, day-to-dat expenses	4

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
01	Improved seed + Planting by multicrop planter + Line sowing + HERBICIDE APPLICATION OF Imazethapyr 10 SL @ 400ml/ ac + soil application of sulphur @ 30 kg/ha at 30 DAS + foliar spray with borax 20.5% @ 750g/ ha + need based PP measures	Yes	Good	43%	seeds to be made available to the farmers by the end of October	75%	this variety may be included in seed chain for its higher acceptance and adaptability in rice fallow situation

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Duration 105-110 days	Good	No. of pod per plant varied from 22-35 no. as compared to FP of 10-20 no.s/ ha	farmers are satisfied with the production.

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmers attended
1	Farmers training programme	02.02.2026 - Padmapur, Garadpur	50
2	Farmers training programme	11.03.2026 - Petchhela, Mahakalpada	50

G. Sequential good quality photographs (as per crop stages i.e. growth & development)**H. Farmers' training photographs****I. Quality Action Photographs of field visits/field days and technology demonstrated.****J. Details of budget utilization**

Crop (provide crop wise information)	Items	Budget Received (₹)	Budget Utilization (₹)	Balance (₹)
	i) Critical input	191782	589000	-395972
	ii) TA/DA/POL etc. for monitoring	42298	53798	-11500
	iii) Extension Activities (Field Day)	9545	8922	623
	iv) Publication of literature			
	Total	2,43,625	6,51,720	-4,08,095

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming	1	15	3	18	6	6	12				21	9	30
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total	1	15	3	18	6	6	12				21	9	30
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Offseason vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Value addition	1	22	5	27	2	1	3				24	6	30
IFS Module	1	21	1	22	8		8				22	8	30
Total (a)	2	43	6	49	10	1	11				53	7	60
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards	1	15	1	16	9	5	14				24	6	30
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	1	15	1	16	9	5	14				24	6	30
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management	1	11		11	14	5	19				25	5	30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
technology													
Processing and value addition													
Others													
Total (e)	1	11		11	14	5	19				25	5	30
f) Spices													
Production and Management technology													
Processing and value addition	1	25	1	26	4	0	4				29	1	30
Others													
Total (f)	1	25	1	26	4	0	4				29	1	30
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	5	94	8	102	37	11	48				131	19	150
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs	1	16	14	30							16	14	30
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total	1	16	14	30							16	14	30
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
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													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
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													
Total													
IX. Production of Input 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 Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		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													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	7	125	25	150	43	17	60				168	42	210

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops	1	15	1	16	9	5	14				24	6	30
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	3	40	12	52	17	16	33				57	28	85
Planting material production													
Vermiculture	1	12	14	26	2	2	4				14	16	30
Mushroom and spawn Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	1	15	1	16	9	5	14				24	6	30
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
technology													
Fry and fingerling rearing	1	12	5	17	3		3				15	5	20
Others													
Total	7	94	33	127	40	28	68	0	0	0	134	61	195

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	2	37	8	45	4	1	5				41	9	50
Integrated Nutrient management													
Rejuvenation of old orchards	1	14	7	21	3	1	4				17	8	25
Protected cultivation technology	1	14	7	21	3	1	4				17	8	25
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security (Nutritional management of adolescent girls)													
Mushroom spawn production technique													
Climate resilient agriculture													
Biofloc fish production technique													
Fish health management	1	5	8	13	2		2				7	8	15
Natural farming													
Other	2	32	3	35	12	3	15				44	6	50
Total	7	102	33	135	24	6	30	0	0	0	126	39	165

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	3	50	13	63	20	7	27				70	20	90
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	5	80	41	121	21	8	29				101	49	150
Soil & water conservation													
Integrated nutrient Management	2	22	28	50	4	6	10				26	34	60
Production of organic inputs	1	19	5	24	6	0	6				25	5	30
Others	1	13	9	22	5	3	8				18	12	30
Total	12	184	96	280	56	24	80	0	0	0	240	120	360

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off season vegetables	1	13		13	17		17				30		30
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	3	19	22	2	6	8				5	25	30
Natural Farming	1	17	3	20	4	6	10				21	9	30
Total (a)	3	33	22	55	23	12	35				56	34	90
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	18	5	23	6	1	7				24	6	30
Cultivation of Fruit													
Management of young plants/orchards	1	14	4	18	9	3	12				23	7	30
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	2	32	9	41	15	4	19				47	13	60
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants	1	21	9	30							21	9	30
Others													
Total (c)	1	21	9	30							21	9	30
d) Plantation crops													
Production and Management technology	1	18	5	23	6	1	7				24	6	30
Processing and value addition													
Others													
Total (d)	1	18	5	23	6	1	7				24	6	30
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	7	104	45	149	44	17	61				148	62	210
III. Soil Health and Fertility Management													
Soil fertility management	1	13	12	25	3	2	5				16	14	30
Integrated water management													
Integrated Nutrient Management	1	11	16	27	1	2	3				12	18	30
Production and use of organic inputs	1	12	14	26	2	2	4				14	16	30
Management of Problematic soils	1	13	11	24	2	4	6				15	15	30
Micro nutrient deficiency in crops	1	12	12	24	3	3	6				15	15	30
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing	1	13	12	25	3	2	5				15	15	30
others													
Total	6	74	77	151	14	15	29				88	92	180
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
VI. Agril. Engineering													
Farm machinery & its maintenance	2	40	4	44	12	4	16				52	8	60
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													
Others													
Total	2	40	4	44	12	4	16				52	8	60
VII. Plant Protection													
Integrated Pest Management	10	125	57	182	76	42	118				201	99	300
Integrated Disease Management													
Bio control of pests and diseases	1	14	6	20	8	2	10				22	8	30
Production of bio control agents and bio pesticides	1	16	5	21	7	2	9				23	7	30
Others													
Total	12	155	68	223	91	46	137				246	114	360
VIII. Fisheries													
Integrated fish farming	1	18	8	26	3	1	4				21	9	30
Carp breeding and hatchery management													
Carp fry and fingerling rearing	1	19	5	24	6		6				25	5	30
Composite fish culture	7	117	70	187	17	6	23				134	76	210
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes	1	21	5	26	3	1	4				24	6	30
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total	10	175	88	263	29	8	37				204	96	300
Total													
IX. Production of Input 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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
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													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	49	732	378	1110	246	114	360	0	0	0	978	492	1470

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

G) Consolidated table (ON and OFF Campus)**i. Farmers& Farm Women**

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	3	50	13	63	20	7	27				70	20	90
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming	1	15	3	18	6	6	12				21	9	30
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	5	80	41	121	21	8	29				101	49	150
Soil & water conservation													
Integrated nutrient	2	22	28	50	4	6	10				26	34	60

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Management													
Production of organic inputs	1	19	5	24	6	0	6				25	5	30
Others (Natural farming)	1	13	9	22	5	3	8				18	12	30
Total	13	199	99	298	62	30	92				261	129	390
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off season vegetables	1	13		13	17	0	17				30		30
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	3	19	22	2	6	8				5	25	30
Others	3	60	9	69	14	7	21				74	16	90
Total (a)	5	76	28	104	33	13	46				109	41	150
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	18	5	23	6	1	7				24	6	30
Management of young plants/orchards													
Rejuvenation of old orchards	2	29	5	34	18	8	26				47	13	60
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	3	47	10	57	24	9	33				71	19	90
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants	1	21	9	30							21	9	30
Others													
Total (c)	1	21	9	30							21	9	30
d) Plantation crops													
Production and Management technology	1	18	5	23	6	1	7				24	6	30
Processing and value addition													
Others													
Total (d)	1	18	5	23	6	1	7				24	6	30
e) Tuber crops													
Production and Management technology	1	11		11	14	5	19				25	5	30
Processing and value addition													
Others													
Total (e)	1	11		11	14	5	19				25	5	30
f) Spices													
Production and Management technology													
Processing and value addition	1	25	1	26	4		4				29	1	30
Others													
Total (f)	1	25	1	26	4		4				29	1	30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	12	198	53	251	81	28	109				279	81	360
III. Soil Health and Fertility Management													
Soil fertility management	1	13	12	25	3	2	5				16	14	30
Integrated water management													
Integrated Nutrient Management	1	11	16	27	1	2	3				12	18	30
Production and use of organic inputs	2	28	28	56	2	2	4				30	30	60
Management of Problematic soils	1	13	11	24	2	4	6				15	15	30
Micro nutrient deficiency in crops	1	12	12	24	3	3	6				15	15	30
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing	1	13	12	25	3	2	5				16	14	30
others													
Total	7	90	91	181	14	15	29				104	106	210
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/ Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
reduction technologies													
Rural Crafts													
Women and child care													
Others													
Others (Compost making)													
Others (Poultry / duckery rearing)													
Others (Mushroom production)													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance	2	40	4	44	12	4	16				52	8	60
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													
Others													
Total	2	40	4	44	12	4	16				52	8	60
VII. Plant Protection													
Integrated Pest Management	10	125	57	182	76	42	118				201	99	300
Integrated Disease Management													
Bio control of pests and diseases	1	14	6	20	8	2	10				22	8	30
Production of bio control agents and bio pesticides	1	16	5	21	7	2	9				23	7	30
Others													
Total	12	155	68	223	91	46	137				246	114	360
VIII. Fisheries													
Integrated fish farming	1	18	8	26	3	1	4				21	9	30
Carp breeding and hatchery management													
Carp fry and fingerling rearing	1	19	5	24	6		6				25	5	30
Composite fish culture	7	117	70	187	17	6	23				134	76	210
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes	1	21	5	26	3	1	4				24	6	30
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total	10	175	88	263	29	8	37				204	96	300
IX. Production of Input at site													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures prodn.													
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													
Mushroom production													
Apiculture													
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													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	56	857	403	1260	289	131	420	0	0	0	1146	534	1680

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Nursery Management of Horticulture crops	1	15	1	16	9	5	14				24	6	30
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	3	40	12	52	17	16	33				57	28	85
Planting material production	1	15	1	16	9	5	14				24	6	30
Vermiculture	1	12	14	26	2	2	4				14	16	30
Mushroom and spawn Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	12	5	17	3		3				15	5	20
Others													
Total	7	94	33	127	40	28	68	0	0	0	134	61	195

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	2	37	8	45	4	1	5				41	9	50
Integrated Nutrient management													
Rejuvenation of old orchards	1	14	7	21	3	1	4				17	8	25
Protected cultivation technology	1	14	7	21	3	1	4				17	8	25
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security (Nutritional management of adolescent girls)													
Mushroom spawn production technique													
Climate resilient agriculture	1	18	7	25	4	1	5				22	8	30
Biofloc fish production technique													
Fish health management	1	5	8	13	2	0	2				7	8	15
Natural farming	1	12	1	13	4	3	7				16	4	20
Other													
Total	7	102	33	135	24	6	30	0	0	0	126	39	165

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy	F&FW	Integrated weed management in rice	1	Off	22	8	30	8	3	11
Agronomy	F&FW	Crop diversification in rice-based cropping system	1	On	25	5	30	7	0	7
Agronomy	F&FW	Integrated weed management in Jute	1	Off	21	9	30	9	1	10
Agronomy	F&FW	Green manuring & its effect on soil health	1	Off	26	4	30	6		6
Agronomy	F&FW	Integrated farming system for climate resilience	2	On	21	9	30	6	6	12
Agronomy	F&FW	Organic aromatic rice production	1	Off	20	10	30	3	2	5
Agronomy	F&FW	Improved retting technology of Jute	1	Off	23	7	30	4	3	7
Agronomy	F&FW	Crop residue management in Rice	1	Off	18	12	30		3	3
Agronomy	F&FW	Natural farming practices in Pulses	1	Off	18	12	30	5	3	8
Agronomy	F&FW	Integrated nutrient management in sunflower	1	Off	10	20	30			
Agronomy	F&FW	Best management practices for millets	1	Off	14	16	30	5	11	16
Agronomy	F&FW	Integrated Nutrient management in Groundnut	1	Off	16	14	30	4	6	10
Agronomy	F&FW	Integrated weed management in Groundnut	1	Off	27	3	30	3	3	6
Agronomy	F&FW	ICM in drill seeded greengram	1	Off	26	4	30	4	4	8
Agronomy	F&FW	Mechanical Transplanted rice management	1	Off	25	5	30	2		2
Agronomy	RY	Preparation of Natural farming Products	5	On	19	11	30	3	4	7
Agronomy	RY	Vermicompost	5	On	20	10	30	5	3	8
Agronomy	IS	Climate resilient Agriculture	1	On	22	8	30	4	3	7
Agronomy	IS	Natural farming	1	On	16	4	20	4	1	5
Horticulture	F&FW	Lay out and crop management practices for Arecanut	2	Off	29	1	30	4		4
Horticulture	F&FW	Canopy management in guava for enhancing productivity	2	Off	24	6	30	6	1	7
Horticulture	F&FW	Solanaceous vegetable grafting techniques	1	Off	24	6	30	9	5	14
Horticulture	F&FW	Perennial flower cultivation for income generation	2	Off	25	5	30	14	5	19
Horticulture	F&FW	Climate resilient zero tillage potato cultivation	1	On	29	1	30	4		4
Horticulture	F&FW	Vegetable based integrated farming system modules for coastal areas	2	On	30		30	17		17

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Horticulture	F&FW	Cropping sequences of horticultural crops under hi-tech protected structures	1	Off	5	25	30	2	6	8
Horticulture	F&FW	Fruit drop management in mango	1	On	21	9	30	4	6	10
Horticulture	F&FW	Climate smart vegetable farming	1	On	24	6	30	6	1	7
Horticulture	F&FW	Value added product preparation from horticultural crops	1	On	23	7	30	9	3	12
Horticulture	F&FW	Natural farming practices for vegetable crop	1	On	21	9	30			
Horticulture	F&FW	Low input intensive tuber crop planting and management	2	On	24	6	30	6	1	7
Horticulture	RY	Advanced technologies for QPM production in horticultural crops	5	On	24	6	30	9	5	14
Horticulture	RY	Value added product preparation from horticultural crops	5	On	24	6	30	9	5	14
Horticulture	IS	Round the year QPM production in hi-tech nursery	1	On	14	7	21	3	1	4
Horticulture	IS	Rejuvenation of old senile mango orchard	1	On	14	7	21	3	1	4
Pl.Protection	F/FW	Integrated management of major insect and disease pests of rice	2	Off	18	12	30	12	4	16
Pl.Protection	F/FW	Management of insect-disease pests of jute	1	Off	17	13	30	11	5	16
Pl.Protection	F/FW	Pests of chilli and brinjal and their management	1	Off	14	16	30	3	5	8
Pl.Protection	F/FW	Bio-intensive pest management in okra	1	Off	22	8	30	15	8	23
Pl.Protection	F/FW	Ecological pest management in vegetable crops	1	Off	21	9	30	13	5	18
Pl.Protection	F/FW	Organic pest management in vegetable crops	1	Off	12	18	30	23	5	28
Pl.Protection	F/FW	Management of major insect pests in coconut	1	Off	27	3	30	9	2	11
Pl.Protection	F/FW	Fruit fly management in cucurbits	1	Off	28	2	30	6	1	7
Pl.Protection	F/FW	Emerging pests of vegetable crops and their management	1	Off	21	9	30	8	5	13
Pl.Protection	F/FW	Changing behaviour of pests in greengram and blackgram under changing climatic scenario and their management	1	Off	19	11	30	11	7	18
Pl.Protection	F/FW	Ecological pest management in vegetable crops	1	Off	17	13	30	13	8	21
Pl.Protection	F/FW	IPM in vegetables	1	Off	21	9	30	13	5	18

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Pl.Protection	IS	Advances in pesticide management	2	On	21	4	25	2		2
Pl.Protection	IS	Recent advances in IPM in Rice	2	On	20	5	25	2	1	3
Pl.Protection	RY	Entrepreneurship development on Bio-input resource production	3	On	19	6	25	4	2	6
Fishery Sc.	F/FW	Pre-stocking Pond management	1	Off	16	14	30	3	1	4
Fishery Sc.	F/FW	Stocking and post-stocking pond management	1	Off	19	11	30	4		4
Fishery Sc.	F/FW	Short term culture of minor carps with IMC for higher productivity	1	Off	21	9	30	4	1	5
Fishery Sc.	F/FW	Feeding management for carp culture	1	Off	18	12	30	1		1
Fishery Sc.	F/FW	Multiple stocking and multiple harvesting method of pisciculture	1	Off	22	8	30	2		2
Fishery Sc.	F/FW	Composite carp culture for productivity enhancement	1	Off	16	14	30	3	1	4
Fishery Sc.	F/FW	Integrated Fish Farming	1	Off	21	9	30	3	1	4
Fishery Sc.	F/FW	Fish disease and its management	1	Off	22	8	30	2	1	3
Fishery Sc.	F/FW	Production technology for fingerling and yearling production	1	Off	25	5	30	6		6
Fishery Sc.	F/FW	Breeding and culture of ornamental fish	1	Off	24	6	30	3	1	4
Fishery Sc.	RY	Stunted fingerling and yearling production	3	On	15	5	20	3		3
Fishery Sc.	IS	Fish Health management	1	On	7	8	15	2		2
Soil Sc.	F&FW	Management of saline soil	1	Off	12	13	25	3	2	5
Soil Sc.	F&FW	Nutrient management in rice	1	Off	11	14	25	2	3	5
Soil Sc.	F&FW	Methods of soil sampling for soil testing	1	Off	9	13	22	3	5	8
Soil Sc.	F&FW	Crop residue management by application of various waste decomposer	1	Off	13	11	24	3	3	6
Soil Sc.	F&FW	Compost making process utilizing kitchen waste, spent mushroom	1	Off	12	14	26	2	2	4
Soil Sc.	F&FW	Vermicompost and vermi-wash production	1	Off	13	13	26	2	2	4
Soil Sc.	F&FW	Azola cultivation and its use as feed for poultry birds	1	Off	14	12	26	2	2	4
Soil Sc.	RY	Vermicompost and vermiculture production	1	On	12	13	25	3	2	5

H) Vocational training programmes for Rural Youth**a) Details of training programmes for Rural Youth**

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Horticultural crops	QPM demand	Advanced technologies for QPM production in horticultural crops	5	24	6	30	-	-	-	-
Horticultural crops	High money realization	Value added product preparation from horticultural crops	5	23	7	30	-	-	-	-

*Training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop production and management													
Commercial floriculture													
Commercial fruit prodn.													
Commercial vegetable production													
Integrated crop management													
Organic farming													
QPM production	1	15	1	16	9	5	14				24	6	30
Total	1	15	1	16	9	5	14				24	6	30
Post harvest technology and value addition													
Value addition	1	14	1	16	9	6	14				23	7	30
Other													
Total	1	14	1	16	9	6	14				23	7	30
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total													
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides, biofertilizers etc.													
Repair and maintenance of farm machinery &implements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other (Bee keeping)													
Total													
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total													

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl. No	Title	Thematic area	Month	Duration (days)	Client PF/RY/EF	No. of courses	No. of participants	Sponsoring Agency
1	Integrated Aquaculture	IFS	December, 2025	1	RY	1	30	NFDB
2	Nursery Rearing of IMC	Fish seed production	December, 2025	1	RY	1	30	NFDB
3	Fish farming with Duckery	Integrated Farming	December, 2025	1	RY	1	30	NFDB
4	Medium scale Dairy Farming	Dairy farming	November, 2025	3	RY	1	20	ARD VOTI
5	Medium Scale Broiler Farming	Broiler farming	November, 2025	3	RY	1	20	ARD VOTI
7	Small scale Goat and Sheep farming	Goat and sheep farming	February, 2026	3	RY	1	20	ARD VOTI
8	Medium scale Dairy Farming	Dairy farming	February, 2025	3	RY	1	20	ARD VOTI
9	Medium Scale Broiler Farming	Broiler farming	February, 2025	3	RY	1	20	ARD VOTI
10	Safe use of electricity and use of energy efficient pumps	Energy conservation	March 2026	1	PF	1	70	Energy Dept. Govt of Odisha

b) Details of participation

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													
Other IFS													
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Farm machinery, tools and implements													
Other (Energy conservation)	1	50	6	56	14	0	14	-	-	-	64	6	70
Total	1	50	6	56	14	0	14	-	-	-	64	6	70
Livestock and fisheries													
Livestock production and management	5	67	17	84	11	5	16				78	22	100
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Integrated Aquaculture	2	34	13	47	9	4	13				43	17	60
Fish seed production	1	19	5	24	3	3	6				22	8	30
Total	8	120	35	155	23	12	35				143	47	190
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

Good quality photographs of training activity:

3.4. A. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	21	876	174	1050	21	26	31	57	902	205	1107
Kisan Mela	6	1236	485	1721	32	42	29	71	1278	514	1792
Kisan Ghosthi	15	176	96	272	23	0	0	0	176	96	272
Exhibition	8	3261	1462	4723	34	96	64	160	3357	1526	4883
Film Show	32	426	169	595	45%	12	4	16	438	173	611
Method Demonstrations	82	721	268	989	40%	21	26	47	742	294	1036
Farmers Seminar	4	142	63	205	25	12	6	18	154	69	223
Workshop	6	169	79	248	32	16	18	34	185	97	282
Group meetings	76	436	367	803	60%	0	0	0	436	367	803
Lectures delivered as resource persons	36	1325	639	1964	36%	126	169	295	1451	808	2259
Advisory Services	75	102631	38645	141276	48	2456	1520	3976	105087	40165	145252
Scientific visit to farmers field	126	586	347	933	26	39	34	73	625	381	1006
Farmers visit to KVK	1	11426	2939	14365	24	0	0	0	11426	2939	14365
Diagnostic visits	53	480	30	510	30	17	1	18	497	31	528
Exposure visits	7	165	69	234	40	0	0	0	165	69	234
Ex-trainees Sammelan	4	123	37	160	26	0	0	0	123	37	160
Soil health Camp	4	95	105	200	20	5	6	11	100	111	211

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Animal Health Camp	2	23	37	60	25	0	0	0	23	37	60
Agri mobile clinic	3	26	14	40	40%	4	1	5	30	15	45
Soil test campaigns	2	45	55	100	25	4	5	9	49	60	109
Farm Science Club Conveners meet	1	21	6	27	24	0	0	0	21	6	27
Self Help Group Conveners meetings	6	0	60	60	27	0	0	0	0	60	60
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Celebration of important days	8	189	234	423	56	8	6	14	197	240	437
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swachhata Hi Sewa	16	368	146	514	27	12	11	23	380	157	537
Mahila Kisan Divas	1	0	50	50	32	2	1	3	2	51	53
Any Other	6	275	124	399	47	42	26	68	317	150	467
Total	601	125221	46700	171921	646.21	2940	1958	4898	128161	48658	176819

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	12
Radio talks	2
TV talks	3
Popular articles	1
Extension Literature	
Video (Seedling Raising by Protray)	1
Other, if any	

Good quality photographs of Extension activity:

3.5 a. Production and supply of Technological products**Village seed**

Crop	Variety	Quantity of seed(q)	Value (₹)	No. of farmers involved in village seed production	Number of farmers to whom seed provided							
					SC		ST		Other		Total	
					M	F	M	F	M	F	M	F
Total												

KVK Farm

Crop	Variety	Quantity of seed (q)	Value (₹)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Rice	Kalachampa	80.2	3,12,780								
Rice	MTU- 1232	116.8	4,55,520								
Green gram	Virat	1	14000	1				16		17	

Good quality photographs of seed production:

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Cauliflower	Megha, Barkha, White Ivory, White shot	228	570	10	5			35	9	45	14
Cabbage	Rare Ball, BC -76	155	387	8	3			22	7	30	10
Tomato	Sahoo, Challenger-11, Raino	2458	6145	35	50			70	23	105	73
Brinjal	Akshita, VNR -218 & 212, JK -8035/8031	3884	9709	55	39			80	21	135	60
Chilli	Royal Bullet	1858	4644	67	27			100	23	167	50
Drumstick	ODC -3	107	2125	61	3			20	0	81	3
Onion										0	0
Pointed Gord	Bhadrak Local	375	7500					131	0	131	0
Fruits										0	0
Mango										0	0
Guava	VNR Bihi	80	4800					29	7	29	7
Lime										0	0
Papaya	Sinta, Lunar, Vinayak	468	11700	13	5			219	19	232	24
Banana	Bantala, Patakapura & Champa	877	17535	16	7			305	18	321	25
Lemon, Pineapple, Water apple	Dragon fruit, Lemon, Water apple	290	7250					165	7	165	7
Ornamental plants	Marigold, Jasmine, Lily & Lotus	2308	5757					89	7	89	7
Medicinal and Aromatic (Dalchini, Pipali, Betelvine)	-	578	1445					56	133	56	133
Plantation	Local & Mohitnagar	2046	81860					300	8	300	8
Spices										0	0
Turmeric										0	0
Tuber										0	0
Elephant yams	Gajendra	300	15000					16	8	16	8
Fodder crop saplings										0	0
Forest Species										0	0
Others, pl. specify										0	0
Total		16012	176427	265	139	0	0	1637	290	1902	429

Good quality photographs of planting materials:

Production of Bio-Products

Name of product	Quantity (Kg)	Value (₹)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers	Vermicompost 2500 kg	40,000	102	108			110	118	212	226
Bio-pesticide										
Bio-fungicide										
Bio-agents	Azolla 60 kg	3,000	15	18			27	32	42	50
Others, vermiculture	Vermiculture 30 kg	15,000	10	8			12	11	22	19
Total		58,000	127	134			149	161	276	295

Good quality photographs of bio-products:

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (₹)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dairy animals											
Cows											
Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry											
Broilers											
Layers	FFG	560	21,020	7	3			14	8	21	11
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Pig	White Pig	2	12,000	1						1	
Piglet	White pigs	9	27,000	2						2	
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings	GI Catla, Rohu, Mrigal	12000	36,000	3	-			11	02	14	02
Eggs	FFG	840	6,221	12	3			51	19	63	21
Grand Total		13411	102241	25	6	0	0	76	29	101	34

Good quality photographs of livestock and fisheries:

3.5. b. Seed Hub Programme--“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”

i) Name of Seed Hub Centre:

Name of Nodal Officer	
Address	
e-mail	
Phone No.	
Mobile	

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2023						
Rabi 2023-24						
Summer/Spring 2024						
Kharif 2023						
Rabi 2023-2024						

iii) Financial Progress

Fund received (2020-21, 2021-22, 2022-23 and 2023-24)	Expenditure (₹ in lakhs)		Unspent balance (₹ in lakhs)	Remarks
	Infrastructure	Revolving fund		
2020-21				
2021-22				
2022-23				
2023-24				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6. (A) Literature Developed/ Published (with full title, author & reference)

Item	Title	Author's name	Number	Circulation
Research paper	Effectiveness of water-soluble fertilizer spray on productivity and profitability of rabi greengram	S Mangaraj, T R Sahoo, S Pradhan A Das, P J Mishra and B R Pattanaik		
Research paper	Maximizing productivity and profitability of rice through application of Zinc in low land transplanted Ecosystem of Odisha, India	S Pradhan, P Majhi, J Sen, D K Mohanty, R Behera, T R Sahoo, A Khuntia, P J Mishra, S Mangaraj, A Phonglosa		
Research paper	Nano herbicides a sustainable strategy for weed	K Kusumavati, S K rautray, S Sarkar, S dash, Tapas Ranjan Sahoo, S K Swain, Debadatta Sethi		
Seminar/conference/symposia papers				
Books	Cost of cultivation of important crops	P J Mishra, A Khuntia, S Jena, T R Sahoo, S Das	500	
Bulletins				
News letter	The Tulasi	Susmita Mohanty, Gayatree Sahoo, Tapas Ranjan Sahoo, Prabhanjan Mishra, Manas Ranjan Behera, Pravat Ku. Sahoo	500	Mass
Popular Articles				
Book Chapter				
Extension Pamphlets/literature	Chhtu ra mulya jukta utpada O udyogikarana	Susmita Mohanty, Gayatree Sahoo, Tapas Ranjan Sahoo, Prabhanjan Mishra	500	Mass
Technical reports				
Electronic Publication (CD/DVD etc.)	Seedling raising in portray	KVK, Kendrapara	1	
TOTAL				

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1	Workshop	ZREAC Coastal Zone	Dr Aurovinda Das, SS&H	28.04.2025-29.04.2025	RRTTS, OUAT, Bhubaneswar
2	Workshop	SLREC OUAT	Dr Aurovinda Das, SS&H	15.05.2025-17.05.2025	OUAT, Bhubaneswar
3	Conference	National conference on Sanatan Krishi Sanskrit	Dr Aurovinda Das, SS&H	21.05.2025-27.05.2025	Prajapita Brahmakumari
4	Workshop	Annual Zonal workshop	Dr Aurovinda Das, SS&H	28.08.2025-29.08.2025	ICAR-ATARI, Kolkata
5	National Conference	Weaving India Together	Dr. Prabhanjan Mishra, Scientist (Horticulture)	06.10.2025-08.10.2025	ICAR
6	National Workshop	Next generation farming	Dr. Prabhanjan Mishra, Scientist (Horticulture)	11.02.2026	IIWM, Bhubaneswar
7	Training	Advanced techniques in modern vegetable cultivation	Dr. Prabhanjan Mishra, Scientist (Horticulture)	25.11.2025-26.11.2025	DEE, OUAT
8	Training	ToT programme on CABI digital resources and modules	Dr. Gayatree Sahoo Scientist (PP)	16.04.2025	GoO and CABI
9	Workshop	ZREAC Coastal Zone	Dr. Gayatree Sahoo Scientist (PP)	28.04.2025-29.04.2025	RRTTS, OUAT, Bhubaneswar
10	Training	ToT programme on the use of centre CABI digital tools for Odisha	Dr. Gayatree Sahoo Scientist (PP)	05.12.2025	GoO and CABI
11	Training	Millet seed production and quality assurance	Dr. Gayatree Sahoo Scientist (PP)	09.09.2025 - 12.09.2025	ICAR- IIMR, Hyderabad
12	Training	Recent advances in Plant Protection for intensive Organic farming (Online)	Dr. Gayatree Sahoo Scientist (PP)	07.10.2025-27.10.2025	BHU, Varanasi
13	Training	Ecological Defence, Integration of chemicals with biological control	Dr. Gayatree Sahoo Scientist (PP)	23.03.2026 - 24.03.2026	DEE, OUAT
14	Workshop	ZREAC Coastal Zone	Dr Tapas Ranjan Sahoo, SMS, Agronomy	28.04.2025-29.04.2025	RRTTS, OUAT, Bhubaneswar
15	Workshop	Workshop on agri products export from Odisha capacity building programme	Dr Tapas Ranjan Sahoo, SMS, Agronomy	25.04.2025	OUAT, Bhubaneswar
16	Workshop	SLREC OUAT	Dr Tapas Ranjan Sahoo, SMS, Agronomy	15.05.2025-17.05.2025	OUAT, Bhubaneswar

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
17	Training	Training programme on Natural farming organized by EEI, Hyderabad	Dr Tapas Ranjan Sahoo, SMS, Agronomy	09.09.2025-13.09.2025	OUAT, Bhubaneswar
18	Seminar	National Seminar on Agribusiness Potential of Odisha	Dr Tapas Ranjan Sahoo, SMS, Agronomy	06.06.2025-07.06.2025	CA, OUAT, Bhubaneswar
19	Workshop	Review Workshop of NICRA project	Dr Tapas Ranjan Sahoo, SMS, Agronomy	30.10.2025-01.11.2025	CRIDA, Hyderabad
20	Workshop	State level convergence programme on support to Dairy FPO across Odisha	Dr Tapas Ranjan Sahoo, SMS, Agronomy	19.11.2025	DEE, OUAT
21	Workshop	Two days workshop on leveraging blue and green economy for a Resilient future by Govt of Odisha	Dr Tapas Ranjan Sahoo, SMS, Agronomy	29.01.2026-30.01.2026	Govt of Odisha
22	Training	Refresher course on advances in weed management	Dr Tapas Ranjan Sahoo, SMS, Agronomy	12.03.2026-13.03.2026	DEE, OUAT
23	Workshop	Kisan Sarathi 2.0	Dr Tapas Ranjan Sahoo, SMS, Agronomy	20.02.2026	DEE, OUAT & ICAR-ATARI Kolkata
24	Training	Promotion of Start-ups and Entrepreneurship in Agriculture and allied sectors	Manas Ranjan Behera SMS (Fishery Science)	01.07.2025 – 05.07.2025	EEI-Hyderabad
25	Seminar	Extension Education strategies for digital Agriculture: Experiences and sustainable pathways	Manas Ranjan Behera SMS (Fishery Science)	20.06.2025 - 22.06.2025	OUAT, Bhubaneswar
26	Exposure visit	Exposure visit to WBUAFS, Kolkata and ICAR-CIFRI	Manas Ranjan Behera SMS (Fishery Science)	23.03.2026 – 24.03.2026	DEE, OUAT
27	Workshop	Kisan Sarathi 2.0	Prasant Kumar Sahoo, Prog. Asst. (Comp.)	20.02.2026	DEE, OUAT
28	Training	Refresher Training	Prasant Kumar Sahoo, Prog. Asst. (Comp.)	23.03.2026-24.03.2026	DEE, OUAT

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2 best case(s) with suitable action photographs)

Success story:

1. **Name of the Farmer/ Entrepreneur:** Manoranjan Das
2. **Address (At/ Po/ Block/ Dist/ PIN):** Dhankari, Ganja, Jagulaipada, Rajkanika, Kendrapara, Odisha
3. **Contact no:** 9861813883

Landholding (in ha.)	5 ha
Name and description of the farm/ enterprise	Exotic mango & fruits orchard, Horticultural IFS model.
Economic impact	Engaging five numbers of farm labourers and their family round the year.
Social impact	Creating awareness the benefits of Horticultural farming among the farming communities of his villages as well as surrounding villages. Giving government school education to the farm labourer's children.
Environmental impact	Helping to restore the village biodiversity as in the orchard trees, various types of birds and animals are nesting. The orchard surrounding area temperature is 2-3 degree centigrade less than, other places without vegetation
Horizontal/ Vertical spread	In his villages another three numbers of Horticultural IFS unit recently developed by following the foot prints of him.
Good quality photographs (2-3)	

Case Studied: Success through Natural farming for sustainable production system

Personal details

Name: Sri Ajay Kumar Jena

Address: Village-Balipatna, Block: Pattamundai, Dist: Kendrapara,

Mobile: 9937737864

Achievements

Sri Ajay Kumar Jena, aged 68 years, is an achiever and progressive agripreneur of Kendrapara district who has not given up despite his physically challenged condition caused by an accident in his childhood days. In his 20 acres land he maintains diversified farm enterprises such as field crops (rice, greengram, blackgram, groundnut, sugarcane, jute; horticulture crops (vegetables, marigold, mango, cashewnut, coconut, guava, lemon); poultry, dairy, goatery and pisciculture. He is growing horticultural crop organically without use of any agro-chemicals. From the above enterprises he generates an average annual employment of 3200 man-days with an annual income of Rs. 14,70,000. He has been in contact with KVK since 2017 and acquired technical knowhow through his involvement in training, trials and frontline demonstrations. He has good linkages with line departments even and is a beneficiary of Govt schemes. He



adopted several frontline technologies such as, natural farming, organic farming practices in horticultural crops, biofertilizers use in pulse and oilseed crops, canopy management in mango and cashew orchards, power weeder for weed management in orchard and vegetable crops etc. For his outstanding performances in farming he has received several awards from different organization at the district level. Because of his exemplary accomplishment he has been a role model and inspiration for the farming community.



3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
1	Participatory technology Spread	KVK, Kendrapara	A rural youth of the district was identified as service provider who was trained by KVK, Kendrapara regarding operation of rice transplanter and nursery preparation method required for transplanted rice. KVK has identified the clusters in which demonstration was to taken up and he service provider helped the farmers in mat nursery raising and mechanical transplanting. This is an innovative participatory extension approach for quick and effective technology spread.

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Vegetables	Application of Handikhata and Jeevamrit	For nutrient management and to reduce pest load
2.	Brinjal	Application of Ash	Ash is sprinkled over the brinjal crop foliage to manage Epilachna beetle

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Rice	45 ha	1310q	70	Y
2	Vegetable	15 ha	5720 q	125	Y
3	Vermicomposting	48 Nos.	170 t	38	Y

3.10. Indicate the specific training need analysis tools/ methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
01	Farmers' feedback register	To compile the issues of farmers and the problem intensity
2	Monthly Research Extension Interface	To record real time issues in agriculture and allied sectors

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Flame Photometer	1 No.
2	BOD incubator	1 No.
3	Automatic Nitrogen estimation system (Kelp) analyzer	1 No.
4	Hot air oven	1 No.
5	Micro Processor (PH) Meter	1 No.
6	Conductivity meter	1.No.
7	Refrigerator	1 No.
8	Electronic top balance	1 No.
9	Physical Balance	1 No.
10	Bouyous Hydrometer	1 No.
11	Mechanical stirrer	1 No.
12	Colony counter	1 No.
13	Plant sample grinder	1 No.
14	Hot water bath	1 No.
15	Horizontal Shaker	1 No.
16	Distil water unit	1 No.
17	Laboratory centrifuge	1 No.
18	Bod incubator	1 No.
19	Hot plate	1 No.
20	Spectro photometer	1 No.
21	Flame photometer	1 No.
22	Kelplus	1 No.
23	Autoclave	1 No.
24	Laminar flow	1 No.
25	MridaParikshyak	1 No.
26	Mini Lab	1 No.

3.11. b. Details of samples analyzed so far

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in ₹)
Through mini soil testing kit/ labs	Through soil testing laboratory	Total			
254	0	254	836	17	0

3.11.c. Details on World Soil Day

Sl.No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Soil health card distribution, quiz competition	86	5	0	25	25

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology

3.14. RAWE/ FET programme - is KVK involved? (Y/N) Yes

No of student trained	No of days stayed
4	90

ARS trainees trained	No of days stayed

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/Zila Sabhapati/Other Head of Organization/Foreigners)

Date of visit	Name of the visitor	Purpose of visit
30.04.2025	Dr. Ganeswar Behera, Hon'ble MLA, Kendrapara	Akshaya Tiritiya
03.06.2025	Prof. Pravat Kumar Roul, Vice Chancellor, OUAT	VKSA Programme
03.06.2025	Prof. P.J. Mishra, Dean Extension Education, OUAT	VKSA Programme
24.06.2025	Rabindra Ku. Mallick, ADM (Rev.), Kendrapara	KVK visit
02.08.2025	Dr. Durga Prasanna Nayak, MLA, Mahakalapada	PM Kisan Programme
02.08.2025	Sj. Baijayanta Panda, Hon'ble MP, Kendrapara	PM Kisan Programme
02.08.2025	Ms. Lilita Das, President, Zilla Parishad, Kendrapara	PM Kisan Programme
05.02.2026	Ms. Lilita Das, President, Zilla Parishad, Kendrapara	KVK visit
16.12.2026	Dr Niranjan Panda, Dean of Research, OUAT	KVK Visit
19.02.2026	Norway ResilienceTeam	KVK Visit

4. IMPACT**4.1. Impact of KVK activities (Not to be restricted for reporting period).**

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (₹)	
			Before (₹/Unit)	After (₹/Unit)
Mechanical transplanted rice	40	50	26000/ha	34000/ha
ICM in local red rice	20	30	24000/ha	29000/ha
BIPM in okra	35	30	82,580/ha	89,120/ha
Growth promoter for maximixing carp fry yield in nursery tank	50	45	3,60,000/ha	4,30,500/ha
Bending technology in guava	65	60	724500/ ha	640500/ ha

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large-scale adoption (Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Mechanical transplanted rice	2500 ha
ICM in local red rice	1000 ha
BIPM in okra	450 ha
Fruit fly management in bittergourd	250 ha
Growth promoter for maximixing carp fry yield in nursery tank	33 ha
Bending technology in guava	45 ha

Give information in the same format as given below

4.3. Details of impact analysis of KVK activities carried out during the reporting period

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	Farm Mechanization in Transplanted rice. Customized mechanized rice where 4 row walk behind type transplanter was used. A rural youth was promoted as service provider who facilitated mat nursery preparation and transplantation.	Now a days mechanical transplanting in rice not only solves the problem of labor scarcity but also reduce the cost if cultivation of rice.	Mechanical transplanting resulted reduction in cost of cultivation @ Rs. 7500/ha. This year 20 acre of land were covered under this demonstration. This technology impacted in popularization of farm mechanization in transplanted rice condition which has 09% yield increase compared to manual transplanting.

Details of innovations recorded by the KVK

Thematic area	Crop management
Name of the Innovation	Raised and sunken bed methods of vegetable cultivation in low lying areas
Details of Innovator	Raghunath Gayen, Kalatunga, GP-Gogua, Mahakalpara
Back ground of innovation	In the low-lying saline areas of Mahakala block of the district, crop loss due to intrusion of saline sea water and water stagnation caused by heavy rains leads to crop damage in that particular locality. This raised bed and sunken methods of crop cultivation particularly vegetable crops helps in saving the crop from water logging and improvement in livelihood of small and marginal farmers.
Technology details	The raised and sunken beds are prepared by digging 3 ft width trench with depth of 2 ft. in both the sides of trench beds are prepared using the dugout soil with 3 ft width and 2 ft height. The two adjacent beds are connected with bamboo structure covering the trench. On the raised bed climber type vegetables are planted which will grow with water supplied available in the trench and cover the upper surface of the trench with support of bamboo structure.
Practical utility of innovation	This type of cultivation methods helps in draining the excess water through the sunken structure or trenches. The crop is saved from ill effects of intrusion of saline water or water logging due to excess rainfall. The incidence of pest and diseases are less as there is less contact of plants with the ground.

Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Pisciculture
Name & complete address of the entrepreneur	Biplab Kishor Swain At- Ayaba, Kendrapara- 754212 Mob – 8917505750
Role of KVK with quantitative data support:	Technical guidance from KVK such as scientific pond management practice and replacement of normal Catla with GI Catla are major factors for increasing production
Timeline of the entrepreneurship development	2021-22 onwards

Technical Components of the Enterprise	The different farming components are rice (1.5 acres), pisciculture (3 acres), vegetables (0.5 acre) and one guava orchad. The pisciculture tanks were prepared by proper liming and fertilization before stocking of yearlings. Yearlings of GI Catla, Rohu, Mrigal and Amur carp were stocked at a ratio of 3:4:1.5:1.5 and @ 5000 nos/Ha. GI Catla was stocked instead of normal Catla. Floating fish feed was applied @ 2-1% of body weight twice daily. pH and alkalinity of pond water was tested in each month and accordingly liming and fertilizer application was done. The average weight of GI Catla was 1.3 kg during final harvest with a total production of 42.6 q/ha fish.
Status of entrepreneur before and after the enterprise	Increase in production of 9.5 q/ha over control was found. The net profit was 2,12,000 per year from pisciculture and Rs 1,03,000 from other components
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	He is making consistent profit from the enterprise. The factors deciding economic viability are proper species selection with appropriate stocking density and ratio, right FCR and good market price. Viability can be improved by use of aerators, partial harvesting, value addition and polyculture of IMC with Fresh water prawn
Horizontal spread of enterprise	Around 32 ha in nearby 5 villages

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ICAR-ATARI, Kolkata	As a funding source, HRD of Scientists
OUAT, Bhubaneswar	Administrative, technological, monitoring, coordination and techno product support
JRS, Jajanga	Technical support by JRS, technical support extended to them, sharing of resources
NINFET, Kolkata	Sharing technology information and product
CIFA, Bhubaneswar	Technology and techno product sharing, HRD activities
CHES, Bhubaneswar	Obtaining QPM material, capacity building of scientist, CHES being one member in SAC, visit to institute on exposure visits
NABARD	Contribution for Establishment of farmers clubs, Contribution for Pilot project on technology transfer, Marketing credit counseling
District Administration	KVK extending support in conduct of district level programs,
OLM	Training programme
Dept. Mission Shakti	Rural youth training, celebration of women in agriculture day
OSSC, Bhubaneswar	Procurement of seeds for demonstration, Sale of foundation seed of paddy
District Agriculture Dept., ATMA	Technical support extended to dept, KVK being member in all District level committees, Monitoring services, convergence of activities/schemes
Horticulture Department	Training support extended, Convergence of schemes of dept and KVK activities, Support in implementation of govt. schemes
Fishery and ARD Department	Technical support extended to 75septs., participation of 75septs.. In KVK activities, convergence of schemes
AICRP on palm, mushroom etc.	Technical support in organization of capacity building programs

Name of organization	Nature of linkage
RING KVK (Jagatsinghpur, Jaipur)	Exchange of information and resources
NGOs	Acceleration of activities of SHGs and rural youth clubs, Capacity building of NGO functionaries through various interventions

5.2. List of special programmes undertaken during 2025 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./ NABARD/ NHM/ NFDB/ Other Agencies (information of previous years should not be provided)

08) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (₹)
MIDH	FLD under MIDH(NHM) Establishment of small fruit plant nursery along with mother plant progeny nursery	08.08.23	State Horticulture dept.	25,00,000

(b) Programme for other activities (training, FLD, OFT, Mela, Exhibition etc.)

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (₹)
Awareness training programme on safe use of electricity and energy efficient pumps in agriculture	To create awareness on safe use of electricity in agriculture and energy conservation in agriculture. Energy efficient pump sets may be used in agriculture.	11.03.2026	Energy department, Govt of Odisha	35000
VOTI Training	Skill training on Dairy farming, Broiler farming and Sheep Goat farming for entrepreneurship development among rural youths	November 2025	ARD VOTI	2,50,000
NFDB Training	➤ To create awareness on Integrated Aquaculture, Nursery rearing of IMC and Fish farming with duckery among rural youths ➤ Skill training on Composite fish culture for entrepreneurship development	December 2025	NFDB, Hyderabad	1,36,875

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

Sl. No	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (₹)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Vermicompost	2011	3		Vermicompost	2500	22800	40000	
2.	Vermicompost	2011	3	Eisenia fetida	Vermin	30	11500	15000	
3.	Azolla	2018		A.pinnata	Azolla	60	2000	3000	

Sl. No	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (₹)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
4.	Apiary	2017	7 nos	Apis cerena indica	Honey	1.5 kg	3000	1500	
5.	Apiary	2017	7 nos	Apis cerena indica	Bee colony	7 nos.		8400	
6	Mushroom spawn	2011	-	Paddy straw mushroom, oyster mushroom	Mushroom spawn	875 nos.	10,000	15750	
7	Poultry	2013	30	FFG, Rainbow rooster	Poultry chicks	560 nos	9300	21020	
8	Fish seed production pond	2018	2000	Gl Catla, Rohu, Mrigal	Fingerlings/Yearlings	12000 nos	13500	36000	
9	Medicinal garden	2018	350	Medicinal plants	Sapling	578	650	1445	
10	Dragon fruit	2018	80	Red and white pulp	QPM	290	2850	7250	
11	Shade net unit	2009	300	Vegetable seedling and fruit QPM	QPM	12798	28000	70872	
	Total								

6.2. Performance of Instructional Farm (Crops)

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (₹)		Remarks
				Variety	Type of Produce	Qty (q)	Cost of inputs	Gross income	
Paddy	25.06.2025	02.12.2025	3	MTU 1232	FS	116.8	300400	4,55,520	Processed and sampling done
Paddy	30.06.2025	30.12.2025	1.2	Kalachampa	FS	80.	86000	3,12,780	Processed and sampling done
Green gram	03.02.2026		2	OBGG-58	FS		12000	-	Crop is at maturity stage

6.3. Performance of Production Units (bio-agents / bio-pesticides/ bio-fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (₹)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	2500 kg	22,800	40,000	
2.	Vermiculture	30 kg	11,500	15,000	
3.	Azolla	60 kg	3,000	2,000	

6.4. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (₹)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Pigs	White pigs	piglets	9 nos	8500	27000	
2.	Pigs	White pigs	pigs	2 nos	5200	12000	
3.	Fish	Gl Catla, Rohu, Mrigal	Fingerlings/yearlings	12000 nos	13500	36000	

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (₹)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
4.	Poultry	FFG, Rainbow rooster	Chicks	560 nos	9300	21020	

6.5. Utilization of hostel facilities:

Accommodation available (No. of beds): 20

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
November	20	3	
December	20	3	
February	20	9	
March	20	3	
Total	80	18	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: Yes

No. of staff quarters: 6

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
January to December 2026	✓	✓	✓	✓	X	✓

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
KVK Contingency	SBI, Kendrapara	Kendrapara	11387961417
CFLD- Pulse	SBI, Kendrapara	Kendrapara	42274177326
CFLD- Oil seed	SBI, Kendrapara	Kendrapara	41561918958
Natural Farming	SBI, Kendrapara	Kendrapara	41998498899
Skill Development	SBI, Kendrapara	Kendrapara	42170372006
Revolving Fund	SBI, Kendrapara	Kendrapara	30878179008
ATMA	SBI, Kendrapara	Kendrapara	32421924619

7.2. Utilization of funds under CFLD on Oilseed (₹ In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Groundnut	-	2,43,625	-	6,51,720	-4,08,095 (Committed expenditure)

7.3. Utilization of funds under CFLD on Pulses (₹ In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	
-	-	-	-	-	-

7.4. Utilization of KVK funds during the year 2025-26 (Not audited)

Sl.No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	1,00,000	99,000	99,000
3	HRD	15,000	15,000	15,000
4	Contingencies			
A	R. Contingency	5,00,000	4,98,800	4,98,800
B	SCSP	5,85,000	5,85,000	5,85,000
C	Swachhta Expenditure	32,000	31,800	31,800
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Demo Unit	3,50,000	3,50,000	3,50,000
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

7.5. Status of revolving fund (₹ in lakh) for last five years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2021-22	2,49,933	8,16,887	7,38,186	Cash: 3,28,634 Kind: 14,880
2022-23	3,28,634	5,16,198	6,54,833	Cash: 1,89,999 Kind: 7,90,000
2023-24	1,89,999	11,37,973	7,83,151	Cash: 5,44,821
2024-25	5,44,821	12,71,943	10,71,830	Cash: 7,44,934 Kind: 6,43,500
2025-26	7,44,934	7,02,349	10,77,911	Cash: 3,69,372 Kind: 7,68,300

- 7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Diagnostic field visit	15	Kharif	Agriculture		
Verification of QPM	7	Kharif, Rabi	Horticulture		
Training programme	17	Kharif, Rabi	Agriculture, Horticulture Fishery, ARD	Yes	
Special day celebration	6	Kharif, Rabi	Agriculture		Yes

8. OTHER INFORMATION**8.1. Prevalent diseases in Crops**

Name of the disease	Crop	Date of outbreak	Area affected (ha)	Commodity loss (%)	Preventive measures taken for area (in ha)
Sheath blight	Rice	Sept 2025	790	35	15,000
BLB	Rice	Sept-Oct 2025	9,000	30	18,000
YVMV	Greengram & Blackgram	Feb - April 2026	8,030	55	35,000

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
FMD	Cattle animal	Aug 3 rd week	10	120	
Lumpy Skin disease	Cattle animal	Jun 2024	5	450	
Argulosis	IMC	Nov 2 nd week	30	-	10

9.1. Nehru Yuva Kendra(NYK) Training

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	

9.2. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration

9.3. mKisan Portal (National Farmers' Portal/ SMS Portal)

Type of message	No. of messages	No. of farmers covered
Crop	11	10,49,173
Livestock	1	1,08,281
Fishery	7	3,92,920
Weather	1	52,460
Marketing	-	-
Awareness	3	1,57,380
Training information	-	-
Other	3	1,57,432
Total	26	19,17,646

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	83,082
2.	No. of farmers registered in the portal	52,947
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in ₹)
1. Digitization of office records/ e-office	-	-
2. Basic maintenance	3	921
3. Sanitation and SBM	11	2079
4. Cleaning and beautification of surrounding areas	10	14400
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	05	5000
6. Used water for agriculture/ horticulture application	02	1000
7. Swachhta Awareness at local level	10	2000
8. Swachhta Workshops	05	3000
9. Swachhta Pledge	02	1000
10. Display and banner	04	800
11. Foster healthy competition	03	600
12. Involvement of print and electronic media	-	-
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		
14. No of Staff members involved in the activities	12	
15. No of VIP/VVIPs involved in the activities	-	
16. Any other specific activity (in details)		
Total	65	30800

9.6. Observation of National Science Day

Date of Observation	Activities undertaken
-	-

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants
-	-	-

9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

Give good quality 1-2 photograph(s)

9.9. Details of 'Pre-Rabi Campaign' / 'Pre-Kharif Campaign' Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman Zila Panchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
29.5.25	-	-	-	-	-	-	-	1502	3	1505	Yes	Yes
30.5.25	-	-	-	-	-	-	-	1012	4	1016	Yes	Yes
31.5.25	-	-	-	-	-	-	-	973	3	976	Yes	Yes

02.6.25	-	-	-	-	-	-	-	3057	4	30 61	Yes	Yes
03.6.25	-	-	-	-	-	-	-	3076	3	30 79	Yes	Yes
04.6.25	-	-	-	-	-	-	-	3077	4	30 81	Yes	Yes
05.6.25	-	-	-	-	-	-	-	3103	4	31 07	Yes	Yes
06.6.25	-	-	-	-	-	-	-	2353	4	23 57	Yes	Yes
07.6.25	-	-	-	-	-	-	-	656	3	65 9	Yes	Yes
08.6.25	-	-	-	-	-	-	-	728	3	73 1	Yes	Yes
09.6.25	-	-	-	Mahaka l--pada MLA	-	-	-	4235	5	42 40	Yes	Yes
10.6.25	-	-	-	-	-	-	-	4260	3	42 60	Yes	Yes
11.6.25	-	-	-	-	-	-	-	717	2	71 9	Yes	Yes
12.6.25	-	-	-	-	-	-	-	703	2	70 5	Yes	Yes

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwada programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Swachhta Hi Seva/ Swachhta Pakhwada programme organized	10	506	-	-

Please provide good quality photographs:

9.11. Details of Mahila Kisan Divas programme organized

Sl.No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Mahila Kisan Divas programme organized	2	100	-	-

9.12. No. of Progressive/Innovative/Lead farmer identified (category wise)

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Puspalaxmi Behera	Danpur, Derabis, 7852919741	Apiary
2	Mamata Pradhan	Banabiharipur, Rajanagaer, 9348853887	IFS
3	Raghunath Gayen	Kalatunga, Gogua, Mahakalpara	Innovative method of vegetable cultivation

9.13. Revenue generation

Sl.No.	Name of Head	Income (₹)	Sponsoring agency

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (₹ lakhs)	Infrastructure created
1	MIDH, NHM	Establishment of small fruit plants nursery along with mother plant progeny nursery block	Govt. of Odisha	25.0	Nursery development, Poly house & Shade net house
2	Repair & renovation	Renovation of buildings and infrastructure, staff quarters	Govt. of Odisha	17.0	Repair of Admn. Building and staff quarters

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2010	IMD	Functional

9.16. Contingent crop planning

Name of the state	Name of district/ KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Kendrapara	Climate resilient practices	13	150	➤ Cultivation of flood tolerant rice varieties ➤ Mechanised DSR ➤ Cultivation cucurbits in grow bag & trellis system ➤ Rearing of stress tolerant poultry bird in low-cost portable poultry house ➤ Climate resilient pest management practices • Natural resource management

10. REPORT ON CEREAL SYSTEMS INITIATIVE FOR SOUTH ASIA (CSISA)

a) Year:

b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
...						
Others (If any)						

Please provide good quality photographs:

11. DETAILS OF DAPST/ TSP

a. Achievements of physical output under TSP during 2023

Progress of DAPST for the year 2023 (Jan. to Dec., 2023)

Name of KVK	Kendrapara					
Sl.No.	Item/Activity		Units	Targets/Achievements		No. of Beneficiaries
				Annual Targets	Achievements	Annual Targets
						Achievements
1	Trainings (Capacity building/ Skill Development etc.)		No.			
	1.1	1-3 days	No.			
	1.2	4-10 days	No.			
	1.3	2-4 weeks	No.			
	1.4	More than 4 weeks	No.			
2	On Farm Trials (OFTs)		No.			
3	Front Line Demonstrations (FLDs) and other demonstrations		No.			
4	Awareness camps, exposure visits etc.		No.			
5	Input Distribution					
	5.1	Seeds (Field Crops)	Tonnes			
	5.2	Seeds (High Value Crops, spices etc.)	kg			
	5.3	Seeds (Root & Tuber Crops)	tonnes			
	5.4	Nursery plants	No.			

	5.5	Cutting, slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
	5.9	Animals-small (pig, sheep, goat etc.)	No.				
	5.1	Poultry chicks / duckling etc	No.				
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
	5.14	Large Equipment's / machinery (>₹ 25000)	No.				
	5.15	Infrastructure / Civil Works/ Ponds etc	No.				
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
	5.17	Land development/ Reclamation / Conservation	hectares				
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
	5.19	Micro nutrients	tonnes				
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendements (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg				
	5.23	Plant growth Promoter	kg				
	5.24	Animal Feed	tonnes				
	5.25	Animal Fodder	tonnes				
	5.26	Animal medicines	doses				
	5.27	Any other (Liquid PSB etc.)	Litre				
6	Services/Facilitation						
	6.1	Animal Health Camps	No.				
	6.2	Artificial Insemination / Vaccination	No.				
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.				
	6.5	Promotion of agri-entrepreneurship	No.				
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				
	6.7	Creation of market links of farm produces	No.				
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	Distribution of Literature		No.				
			(Man-months)				
8	Employment generation for livelihood						
9	Fellowship, Stipends or Scholarship		No.				
	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable		No. of projects				
10							
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)						
12	Any other (specify)						

b. Fund received under TSP in 2023-24 (₹ In lakh):

12. DETAILS OF DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2025

b. Progress of DAPSC for the year 2025 (Jan. to Dec., 2025)

Name of KVK		KVK, Kendrapara				
Sl.No	Item/Activity	Units	Targets/ Achievements		No. of Beneficiaries	
			Annual Targets	Achievements	Annual Targets	Achievements
1	Trainings (Capacity building/ Skill Development etc.)	No.				
	1.1 1-3 days	No.	5	3	125	75
	1.2 4-10 days	No.	-	-	-	-
	1.3 2-4 weeks	No.	-	-	-	-
	1.4 More than 4 weeks	No.	-	-	-	-
2	On Farm Trials (OFTs)	No.	4	2	28	14
3	Front Line Demonstrations (FLDs) and other demonstrations	No.	9	5	100	55
4	Awareness camps, exposure visits etc.	No.	8	3	350	90
5	Input Distribution					
	5.1 Seeds (Field Crops)	Tonnes	-	-	-	-
	5.2 Seeds (High Value Crops, spices etc.)	kg	-	-	-	-
	5.3 Seeds (Root & Tuber Crops)	Tonnes	2	-	15	-
	5.4 Nursery plants	No.	2000	-	100	-
	5.5 Cutting, slips, suckers, etc.	No.	25000	5000	100	20
	5.6 Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	400	300	20	12
	5.7 Honey Bee Colonies	No.	-	-	-	-
	5.8 Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.	-	-	-	-
	5.9 Animals-small (pig, sheep, goat etc.)	No.	-	-	-	-
	5.1 Poultry chicks / duckling etc.	No.	400	150	20	13
	5.11 Fish Spawns/ fingerlings	No.	9000	5000	15	10
	5.12 Small equipment's (up to Rs 2000)	No.	-	-	-	-
	5.13 Medium Equipment's/ machinery (up to Rs 25000)	No.	-	-	-	-
	5.14 Large Equipment's / machinery (>₹ 25000)	No.	-	-	-	-
	5.15 Infrastructure / Civil Works/ Ponds etc.	No.	-	-	-	-
	5.16 Setting up plant nursery/ seed farm/ hatchery	No.	-	-	-	-
	5.17 Land development/ Reclamation / Conservation	hectares	-	-	-	-
	5.18 Fertilizers (NPK)/ Secondary fertilizers	Tonnes	-	-	-	-
	5.19 Micro nutrients	Tonnes	-	-	-	-
	5.2 FYM/ Vermicompost	Tonnes	1	-	10	-
	5.21 Soil amendents (Gypsum, lime etc.)	Tonnes	-	-	-	-
	5.22 Plant protection chemicals	kg	8	8	10	10
	5.23 Plant growth Promoter	kg	-	-	-	-
	5.24 Animal Feed	Tonnes	-	-	-	-
	5.25 Animal Fodder	Tonnes	-	-	-	-
	5.26 Animal medicines	doses	-	-	-	-
	5.27 Any other (Liquid PSB etc.)	Litre	-	-	-	-
6	Services/Facilitation					

6.1	Animal Health Camps	No.	2	-	200	-
6.2	Artificial Insemination / Vaccination	No.	-	-	-	-
6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.	-	-	-	-
6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.	150	140	400	320
6.5	Promotion of agri-entrepreneurship	No.	-	-	-	-
6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.	-	-	-	-
6.7	Creation of market links of farm produces	No.	-	-	-	-
6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours	-	-	-	-
6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.	-	-	-	-
7	Distribution of Literature	No.	-	-	-	-
8	Employment generation for livelihood	(Man-months)	-	-	-	-
9	Fellowship, Stipends or Scholarship	No.	-	-	-	-
10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable)	No. of projects	-	-	-	-
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)		-	-	-	-
12	Any other (specify)					

c. Fund received under SCSP in 2024-25 (₹ In lakh): 10.00

13. PROGRESS REPORT OF NICRA KVK (TECHNOLOGY DEMONSTRATION COMPONENT) DURING THE PERIOD (Applicable for KVKs identified under NICRA)

Natural Resource Management

National Resource Management														
Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted										Remarks
				SC		ST		Other		Total				
				M	F	M	F	M	F	M	F	T		
Green manuring in rice through dhaincha	1	1	8	3	2			11	4	14	6	20		
Summer ploughing	1	1	4	1	1			7	1	8	2	10		
Vermin compost from bio degradable waste	1	5	5	1	1			1	2	2	3	5		

Crop Management

Crop Management:											
Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	
Flood tolerant rice Swarna sub1	20	9	2			25	4	34	6	40	
Mechanical transplanted rice	10	5	1			16	3	21	4	25	

Short duration greengram in post flood situation	8	4	1			13	2	17	3	20	
ICM in rice- blackgram paira cropping	8	6	1			12	1	18	2	20	
IPM in rice	5	3	2			8	2	11	4	15	
Bittergourd cultivation in trellis with hanging soil less culture	0.1	1	1					3	0	5	
Off season vegetable cultivation	1.2	2	1					5	2	10	
Climate resilient tuber crop cultivation	0.4	1	0					3	1	5	
Climate resilient pest management in bitter gourd	0.4	1	1					2	1	5	

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted										Remarks
				SC		ST		Other		Total				
				M	F	M	F	M	F	M	F	T		
Post flood stocking of IMC yearling to minimize culture duration		2	0.8	1				3	1	4	1	5		
Backyard rearing of stress tolerant poultry	150	10		2	6						2	10		
Duckery with pisciculture	50	5			4						1	5		

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Farm mechanization through CHC	1	50	14	5			22	8	36	13	49	
Community nursery (Rice)	1	0.1	9	1			17	3	26	4	30	
Seed Bank	1		8	2			16	4	24	6	30	
Fodder bank	1		8	2			7	3	15	5	20	

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
NRM	1	6	2			18	4	24	6	30
Crop production	3	20	2			59	9	79	11	90
Horticulture	2	11	3			41	5	52	8	60
Livestock & fishery	2	5	3			19	3	24	6	30

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Diagnostic field visit	9	14	3			60	11	74	14	86
Exposure visit	1	3	1			9	7	12	8	20
Field day	3	22	9			73	16	95	25	120
Farmers- scientist interaction	2	28	13			78	21	106	34	140
Awareness program	2	21	6			51	22	72	28	100

Detailed report should be provided in the circulated Performa

Technology(ies) popularized/ scaled up during the year

- a) Cultivation of flood tolerant rice varieties
- b) Cultivation cucurbits in grow bag & trellis system
- c) Rearing of stress tolerant poultry bird in low-cost portable poultry house

14. AWARDS/ RECOGNITION RECEIVED BY THE KVK

Sl.No.	Name of the Award	Year	Conferring Authority	Amount	Purpose

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best Progressive Farmer	Mr. Subrat Tripathy	2025	OUAT	-	OUAT Foundation Day
2	Millionaire farmer of the Year	My. Ajay Jena	2025	ICAR and Krishi Jagaran	-	Pusa Mela
3	Best Progressive Woman Farmer	Mrs. Mamata Pradhan	2026	OUAT	-	OUAT Farmers' Fair

15. ANY SIGNIFICANT ACHIEVEMENT OF THE KVK WITH FACTS AND FIGURES AS WELL AS QUALITY PHOTOGRAPH**16. NUMBER OF COMMODITY BASED ORGANIZATIONS/ FARMERS' COOPERATIVE SOCIETY/ FPO FORMED/ ASSOCIATED WITH DURING LAST ONE YEAR (DETAILS OF THE GROUP/SOCIETY MAY BE INDICATED)**

Sl. No.	Name & Address of FPO	Name & Contact No. of Head of FPO	No. of farmer members of FPO			Crop/ Enterprise dealt with by FPO	Kind of support provided by KVK in running/ starting of FPO (in brief)
			M	F	T		
1	Maa Kharakhai FPCL, Rajakanika	Rabindra Ku Sahoo, CEO, Mob:7008995701	317	186	493	Fish Pickle, Steps taken for opening of Aquashop and KIOSK	Capacity building
2	Baulakani FPCL, Mahakalpara	Pabitra Ku Samantray, CEO, Mob: 7894501910	322	204	526	Seed Licence, applied for fertiliser Licence, Facilitated Potato cultivation by member farmers, Collectivisation of Coconut, Steps for collection of milk from farmers	Capacity building

17. INTEGRATED FARMING SYSTEM (IFS)**Details of KVK Demo. Unit**

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in ₹ (Component-wise)	Value realized in ₹ (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Pisciculture	0.2	12,000 IMC fingerlings	15,600	36,000	14	55

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in ₹ (Component-wise)	Value realized in ₹ (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
2	Arecanut	115 plants	4 years plantation	5750	---	---	---
3	Okra, cole crops, brinjal, leafy vegetables	0.05	150 kg	6550	8550	---	---
4	Betelvine	0.01	1000 no. leaves	650	700	---	---

18. TECHNOLOGIES FOR DOUBLING FARMERS' INCOME

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (₹) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Demonstration on ICM in DSR	Mechanical sowing + Pre-emergence application of pyrazosulfuron ethyl @ 200g/ha followed by post-emergence Fenoxaprop - ethyl + ethoxysulfuron @1300 +120ml/ha at 25 DAS	44443	145	
2	Demonstration on improved retting technology in Jute	Application of NINFET SATHI (retting accelerator) powder formulation @ 40 kg/ha	71400	35	
3	Demonstration on ICM in groundnut	Groundnut var Dharani with STBF + gypsum @2.5q/ha and Boron 1kg/ha + Trichoderma. Pre emergence application of Pendimethalin @2.5 l/ha fb post emergence application of Quizalofop p ethyl 1000ml/ha with mechanical harvesting	66400	65	
4	Demonstration on IPM in greengram	Seed treatment with Imidacloprid 600 FS @ 5 ml/kg seed, placement of yellow sticky traps @ 50 nos./ha at 25 DAS, spraying of Neem oil 0.15% @ 2 ml/l at 30 DAS and need based spraying of Diafenthiuron 50 % WP @ 1 g/l at 45 DAS	8300	40	
5	Demonstration on Biointensive pest management in Okra	Installation of yellow sticky trap @ 50 nos/ha at 25 DAS, foliar spray with Neem oil 1500 ppm @ 3ml/l twice at 20 DAS and 40 DAS followed by foliar spray with Metarrhizium anisopliae @ (2 x 108cfu) @ 2 g/l water twice at 40 and 50 DAS	92,123	60	
6	Demonstration on cultivation of grafted brinjal	Cultivation of grafted brinjal var VNR 212	287699	85	

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (₹) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
7	Demonstration on sucking pest management in chilli	Seed treatment with Imidachloprid 600FS @ 5ml /kg seed, Yellow sticky trap (50/ha), Blue sticky trap 50/ha) and need base alternate spraying of spiromesifen 22.9%SC @ 1 ml/ l and Acetamiprid 25 % SP @ 0.2 g./lit. of water	130000	140	
8	Demonstration of Java Punti as intercrop in composite fish culture	Incorporation of Java Punti with IMC i.e. stocking of Catla:Rohu:Mrigal:JavaPunti::3:4:3:2 @ 12000 nos/ha	227000	120	
9	Demonstration of Genetically improved (GI) Catla in composite carp culture	Incorporation of GI Catla in composite carp culture with species ratio of GICatla: Rohu: Mrigal:: 3:4:3 @ 10000 nos/ha	208500	140	
10	Demonstration of Amur carp in composite carp culture	Stocking of fingerlings of Catla: Rohu: Mrgal: Amur carp:: 3:4:1.5:1.5 @ 10,000 nos/ha	244630	90	

19. REPORT ON DIGITAL FARMING INITIATIVES IN AGRICULTURE/ DIGITAL AG. EXTENSION SERVICE

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.2018)					
Total					

20. INFORMATION ON VISIT OF MINISTERS TO KVKs, IF ANY (Please provide good quality photographs)

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
-	-	-	-

21. a) Information on ASCI Skill Development Training Programme, if undertaken during 2025

Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants						Whether uploaded to SIP Portal (Y/N)	Fund utilized for the training (₹)
				SC		ST		Other			
				M	F	M	F	M	F		

(Please provide good quality photographs)

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2024

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (₹)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
IFS	Integrated Aquaculture	8	2				22	6	24	6	30	13000
Fish seed production	Nursery Rearing of IMC	8	1				20	9	21	9	30	13000
Integrated Farming	Fish farming with Duckery	8	2				11	17	13	17	30	13000
Dairy farming	Medium scale Dairy Farming	24	2				15	3	17	3	20	50000
Broiler farming	Medium Scale Broiler Farming	24					18	2	18	2	20	50000
Goat and sheep farming	Small scale Goat and Sheep farming	24	2				12	6	14	6	20	50000
Dairy farming	Medium scale Dairy Farming	24					17	3	17	3	20	50000
Broiler farming	Medium Scale Broiler Farming	24	3				11	6	14	6	20	50000
Energy conservation	Safe use of electricity and use of energy efficient pumps	8	2				57	11	59	11	70	35000

22. INFORMATION ON NARI PROJECT (if applicable)

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project

23. ANY OTHER PROGRAMME ORGANIZED BY KVK, NOT COVERED ABOVE

Sl.No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
01	Skill training under MIDH by AICRP on honeybee and pollinatorts	Comb honey production technology	KVK, Kendrapara	To train the farmers on Comb honey production technology	20

24. GOOD QUALITY ACTION PHOTOGRAPHS OF OVERALL ACHIEVEMENTS OF KVK DURING THE YEAR (best 10)
