Year of Establishment 1994

Annual Progress Report 2024

KrishiVigyan Kendra, Kendrapara

ICAR-ATARI, Kolkata

Odisha University of Agriculture & Technology

ANNUAL REPORT2024 (January-December 2024)

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 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.Aurovinda Das		8895417939	aurovindadas@ouat.ac.in

1.4. Year of sanction of KVK: 1994

1.5. Staff Position (as on 1st January, 2024)

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 + AGP 6000 (23,070)	21.11.2018	Permanent	Others
4.	Subject Matter Specialist	Dr.Tapas Ranjan Sahoo	SMS (Agronomy)	Agronomy	56,100-1,77,500 (65,000)	21.11.2018	Permanent	OBC
5.	Subject Matter Specialist	Manas Ranjan Behera	SMS (Fishery Sc.)	Fishery Sc.	56,100-1,77,500 (65,000)	03.06.2021	Permanent	OBC
6.	Subject Matter Specialist	Dr. Gayatree Sahoo	Scientist (Plant protection)	Entomology	15,600-39,100 + AGP 6000 (21,390)	29.12.2015	Permanent	OBC
7.	Subject Matter Specialist	Vacant						
8.	Programme Assistant	Pravat Kumar Sahoo	Prog. Assistant (Agril.)	Soil Sc.	35,400-1,12,400 (49,000)	04.01.2016	Permanent	OBC
9.	Computer Programmer	Prasant Kumar Sahoo	Prog. Asst. (Computer)	Computer Sc.	35,400-1,12,400 (64,100)	03.06.2021	Permanent	OBC
10.	Farm Manager	Bipra Charan Swain	Farm Manager	Agronomy	35,400-1,12,400 (50,500)	05.07.2023	Permanent	Others
11.	Accountant / Superintendent	Vacant	-	-	-	-		-
12.	Stenographer	Kishore Chandra Das	Jr. Steno-Comp. Operator	-	25,500-81,100 (42,200)	23.12.2013	Permanent	Others
13.	Driver	Birendra Kumar Parida	Driver-cum-Mechanic	-	19,900-63,200 (27,600)	04.06.2021	Permanent	Others
14.	Driver	Anirudha Gochhayat	Driver-cum-Mechanic	-	19,900-63,200 (28,400)	07.07.2014	Permanent	SC
15.	Supporting staff	Krushna Chandra Bhujabal	Peon-cum-watchman	-	16,600-52,400 (24,300)	29.07.2008	Permanent	Others

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	5.0
4.	Orchard/Agro-forestry	1.7
5.	Others with details (*Nallas*, natural drainage water ways)	1.5
	Total	**11.2**

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	42782	57884	Damaged
Bolero (Mahindra Bolero B2BS-VI) OD02CJ3643	2023	900000	21488	Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (₹)	Present status	Source of fund
a. Lab equipment				
Flame Photometer	2005	0.66	Non-functional	ICAR
BOD incubator	2005	1.42	Non-functional	ICAR
Automatic Nitrogen estimation system (Kelp) analyzer	2005	3.57	Non-functional	ICAR
Hot air oven	2005	0.11	Non-functional	ICAR
Micro Processor (PH) Meter	2005	0.102	Non-functional	ICAR
Conductivity meter	2005	0.102	Non-functional	ICAR
Refrigerator	2005	0.092	Non-functional	ICAR
Electronic top balance	2005	0.95	Non-functional	ICAR
Physical Balance	2005	0.045	Non-functional	ICAR
Bouyous Hydrometer	2005	0.065	Needs major repair	
Mechanical stirrer	2005	0.082	Non-functional	ICAR
Colony counter	2005	0.045	Needs major repair	

Name of equipment	Year of purchase	Cost (₹)	Present status	Source of fund
Plant sample grinder	2005	0.08	Needs major repair	ICAR
Hot water bath	2005	0.04	Needs major repair	
Horizontal Shaker	2005	0.11	Needs major repair	ICAR
Distil water unit	2005	0.072	Needs major repair	ICAR
Laboratory centrifuge	2005	0.09	Needs major repair	ICAR
Bod incubator	2005	1.420	Needs major repair	
Hot plate	2005	0.025	Needs repairing	ICAR
Spectro photometer	2005	0.301	Needs major repair	ICAR
Flame photometer	2005	0.352	Needs major repair	ICAR
Kelplus	2005	0.45	Needs major repair	ICAR
Autoclave	2011	0.60	Functional	ICAR
Laminar flow	2011	0.60	Requiring frequent repair	ICAR
Mrida Parikshak	2017	0.90	Functional	ICAR
Mini Lab	2019	1.24	Functional	ICAR
b. Farm machinery				
Tractor	2019	700000	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.

Name of equipment	Year of purchase	Cost (₹)	Present status	Source of fund
Trolley Speaker system	2022-23	19,800	Functional	ICAR
Deskjet Printer	2019-20	12,700	Non-functional	ICAR
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	15000	Good	ICAR
Power weeder	2021	35000	Good	ICAR
Paddy thresher (electrical)	2015	12000	Good	ICAR
Brush cutter	2023	20000	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.	13.11.2024	30	• Special thrust and action planning may be based on ODOP of the district • Use of rice transplanter may be emphasised while promoting farm mechanization in rice • Crop management practices may be standardised for rice and other crops in saline areas • Quality parameters of scented, salt tolerant or indigenous rice varieties may be evaluated in concerned OFT/FLDs • Technologies on jute to be compiled and published in form of extension literature by KVK with the support from JRS • Transfer of climate resilient technologies as promoted by KVK may be transferred to non- adopted villages of KVK in Rajkanika, Aul and Pattamundai blocks		Since the SAC recommendations received in November 2024, the action points will be taken care in Action Plan 2025-26

			• Technology on weed management in vegetable crops may be aware to farmers through different activities • Emphasis may be given for promotion of floriculture as a remunerative enterprise • Quality planting materials of arecanut, coconut, grafted brinjal, and tomato (of high temperature tolerant varieties) may be made available at KVK • Special emphasis may be given on rhinoceros beetle management in coconut along with the use coconut climber • Technical backstopping and guidance may be given to 'farm pond plus' beneficiaries for development of pond-based farming system • A model biofloc unit may be developed from among biofloc farmers with special emphasis on floc creation, use of remunerative fish species and management • FPOs and Producer Groups (PGs) may be strengthened guiding them on marketing of produces • Popularisation of mola culture among fish farmers may be given thrust		

** Salient recommendation of SAC in bullet form*

2.A. DISTRICT LEVEL DATA ON AGRICULTURE, LIVESTOCK AND FARMING SITUATION (2023)

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	26.8^0, 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 (2024)

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, Diary 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 • Low profitability in direct seeded rice due to weeds and high cost of cultivation	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
					• 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, Diary	• 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 • 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	ICM in DSR IPM in vegetable crops IWM in vegetable crops Backyard poultry rearing

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2024) for its development and action plan

Name of village	Block	Action taken for development
Gandakula	Pattamundai	• 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	• 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	• 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 catlaand amur carp
Sahabajpur	Mahakalpara	• Increasing productivity of vegetable-based cropping system through introduction of new varieties • Improving productivity of groundnut 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 • 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
12	12	84	14	11			56	25	70	36	106	22	22	220	67	17			87	79	154	96	250

Training											Extension activities										
Number of Courses		Number of Participants									Number of activities		Number of participants								
Target	Achiev-ement	Target	Achievement								Target	Achiev-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
88	76	2640	302	293	0	0	944	706	1246	999	2245	605	601	180000	28301	26405	3		99857	22252	128161	48658	176819

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	T
2640	2245	23	7	0	0	125	96	148	103	251	175000	175000	-								

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
180	165	1.24	1.12

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.417	0.1238	0.012	0.00416

* 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	1		-	-	-	-	-
Seminar/conference/ symposia papers	5						
Books	4						
Bulletins							
News letter	1	500					
Popular Articles							
Book Chapter	4						
Extension Pamphlets/ literature	2	400					
Technical reports	229						
Electronic Publication (CD/DVD etc.)							
TOTAL	**246**	**900**					

3.1 Achievements on technologies assessed and refined

OFT-1

1	Title of On farm Trial	**Assessment of Aromatic rice varieties**
2	Problem diagnosed	Low income from local aromatic rice varieties
3	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Var. Basumati TO_1: Rice var. Gangabali TO_2: Rice var. Kalikati
4	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RRTTS, Bhawanipatna, OUAT, 2020
5	Production system and thematic area	Rice–pulse, varietal evaluation
6	Performance of the Technology with performance indicators	Aromatic rice variety Kalikati recorded maximum yield and net return over the farmers' variety and other varieties under TOs
7	Final recommendation for micro level situation	Aromatic rice var. Kalikati may be grown for higher yield and better earning
8	Constraints identified and feedback for research	Feedback to research: High yielding varieties of aromatic rice may be developed which will adapt to the specific micro climate with expression of aroma trait
9	Process of farmers participation and their reaction	OFT conducted in participatory approach with involvement of farmers. Marketing facility for aromatic rice is needed to earn better price of the produce

Thematic area: Varietal evaluation

Problem definition: Low income from local aromatic rice varieties

Technology assessed:

Technology option	No. of trials	Yield component			Aroma (organoleptic)	Yield (q/ha)	Cost of cultivation (₹/ha)	Gross return (Rs/ha)	Net return (₹/ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (1000 grain wt.)						
FP	7	12.4	87	22.2	7.5	26.8	43300	61908	18608	1.43
TO_1	7	14.7	94	22.1	6.8	30.1	43800	69531	25731	1.59
TO_2	7	15.6	99	22.3	7.2	33.8	43800	78078	34278	1.78
CD (p=0.05)	-	0.68	4.6	NS	-	2.34	-	-	-	-

Results: Aromatic rice variety Kalikati recorded maximum yield (33.8 q/ha) with good aroma and a net return of ₹34278 /ha

OFT-2

1	Title of On farm Trial	**Assessment of Nano Urea in Rice**
2	Problem diagnosed	Higher use of Urea fertilizer leads to soil quality degradation
3	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: 100 % N (STBFA) soil application (25 % basal + 50 % at tillering + 25 % at PI) TO_1: 75 % N (STBFA) soil application (25 % basal + 50 % at tillering + 25 % at PI) + Foliar spray of nano urea @ 4 ml /lit. of water at tillering and PI) TO_2: 50 % N (STBFA) soil application (25 % basal+ 50 % at tillering + 25 % at PI) + Foliar spray of nano urea @ 4ml /l of water at tillering and PI)
4	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT 2021
5	Production system and thematic area	Rice –pulse, INM
6	Performance of the Technology with performance indicators	Nano urea did not perform well over farmers practice
7	Final recommendation for micro level situation	Nano urea is not recommended for its use as it did not show good result
8	Constraints identified and feedback for research	
9	Process of farmers participation and their reaction	Farmers have actively participated and found that the results are not encouraging

Thematic area: Varietal evaluation

Problem definition: Higher use of Urea fertilizer leads to soil quality degradation

Technology assessed:

Technology option	**No. of trials**	**Yield component**			**Cost saving in N (₹/ha)**	**Yield (q/ha)**	**Cost of cultivation (₹/ha)**	**Gross return (₹/ha)**	**Net return (₹/ha)**	**BC ratio**
		No. of effective tillers/hill	**No. of spikelet per panicle**	**Test wt. (100 grain wt.)**						
FP	7	16.2	130	23.2	-	47.6	58300	109956	51656	1.88
TO_1	7	15.3	126	23.1	-900	45.3	59200	104643	45443	1.76
TO_2	7	14.6	118	23.0	-610	42.4	58900	97944	39044	1.66
CD	-	0.89	8.3	NS	-	1.36				

Results: Both the technological options did not show encouraging results compared to the Farmers practice.

OFT-3

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 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 (81453) and maximum system yield 76.3 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	54.3	75,300	125433	50133	1.66
TO_1	7	200	65.8	88,800	151998	60198	1.71
TO_2	7	300	76.3	94,800	176253	81453	1.85
CD			8.86				

Results: Early rice-finger millet-greengram gives 300 % cropping intensity with higher net return/ha (81453) and maximum system yield 76.3 q/ha in terms of rice equivalent yield.

OFT-4

1	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 TO1: Jute- groundnut TO2: Jute-rice-greengram TO3: 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 (gardenpea) gives 200 % cropping intensity with higher net return/ha (162700) and maximum system yield 56.7 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	-
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	30.2	65300	151000	85700	2.31
TO_1	7	200	48.6	105400	243000	137600	2.30
TO_2	7	300	50.7	120400	253500	133100	2.10
TO_3	7	200	56.7	120800	283500	162700	2.35
CD			9.3				

Results: Jute -vegetable (garden pea) gives 200 % cropping intensity with higher net return/ha (162700) and maximum system yield 56.7 q/ha in terms of jute equivalent yield.

OFT-5

1.	Title of On farm Trial	Assessment of tuber crops as intercrop in Arecanut plantation
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)	TO- I: Cultivation of Elephant foot yam Var. Gajendra as intercrop TO- II: Cultivation of turmeric Var.Rashmi as intercrop
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
6.	Performance of the Technology with performance indicators	Yield (ha): TO-I:198q/ha and TO-II: 97.5 q/ha
7.	Final recommendation for micro level situation	additional return during gestation period of Arecanut plantation: ₹4,66,744.00/ ha 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: Underutilization of inter-space in plantation crop

Technology assessed:

Technology option	No. of trials	Yield (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP	7	-	-	-	-	-
TO- I	7	198	173105	396000	222895	2.28
TO- II	7	97.5	146151	390000	243849	2.66

Results: Cultivation of turmeric Var. Rashmi as intercrop resulted best with highest net return of Rs. 243849.00 and B: C of 2.66 from the intercrop.

OFT-6

1.	Title of On farm Trial	Assessment of water chestnut and lotus for diversification of waterlogged ecology
2.	Problem diagnosed	Fallow waterlogged land
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	TO- I: Cultivation of Water chestnut var. Balasore Red TO- II: Cultivation of Lotus accession - 1
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIWM, Bhubaneswar, 2016 & ICAR- DFR, Pune, 2022
5.	Production system and thematic area	Water logged low landand crop production
6.	Performance of the Technology with performance indicators	Days to get established, Nos. of plant / m^2 , Av. Numbers fruits / Flower
7.	Final recommendation for micro level situation	Continuing…
8.	Constraints identified and feedback for research	Standardization of Package of practices for water chestnut cultivation
9.	Process of farmers participation and their reaction	Continuing…

Thematic area: crop diversification

Problem definition: Fallow waterlogged land

Technology assessed:

Technology option	**No. of trials**	**Yield component**			**Disease/ insect pest incidence (%)**	**Yield (q/ha)**	**Cost of cultivation (₹/ha)**	**Gross return (₹/ha)**	**Net return (₹/ha)**	**BC ratio**
		No. of effective tillers/hill	**No. of spikelet per panicle**	**Test wt. (100 grain wt.)**						
FP		Continuing…								
TO- I		Continuing…								
TO- II		Continuing…								

Results: Continuing…

OFT-7

1.	Title of On farm Trial	Assessment of management of fruit fly in bitter gourd
2.	Problem diagnosed	Low yield of bitter gourd due to fruit fly
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Spraying of Profenophos 50EC @ 2ml /l twice at 15 days interval TO_1: Soil application of Chlorpyriphos 1.5 % dust @ 25 kg/ha at 30 DAG;Poison bait-Jaggery (100 g), Cartap hydrochloride (2 g) & water (1 litre), placement of bait solution, Installation of Cuelure @ 20/ha, Periodic removal of damaged fruit in bitter gourd TO_2: 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 Cuelure @ 25 traps / ha installed at 20 DAS (Change of lure at 20 days interval) + foliar spray with Spinosad 45 % SC @ 170 ml/ ha at 30, 45, 60 and 75 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO1: OUAT, 2020 TO2: OUAT, 2023
5.	Production system and thematic area	IPM
6.	Performance of the Technology with performance indicators	TO_2 proved significantly better over other treatments with a 58.65% increase in yield over farmers practice and net income and B:C ratio of 132340/- and 2.52 respectively.
7.	Final recommendation for micro level situation	Food bait @20 placement/ ha, (100ml/bait) (Mixture of 1kg cucumber fruit pulp + 50g Gur + 100ml cow urine + 0.5 l water and kept for overnight, diluted in 5 l water and added 10 ml malathion) + Pheromone trap with Cuelure @ 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
8.	Constraints identified and feedback for research	Market availability of fruit fly trap is one of the constraints
9.	Process of farmers participation and their reaction	Farmers were involved in bait preparation and its placement. Food Bait and fruit fly trap installation were widely accepted by the beneficiary farmers.

Thematic area: IPM

Problem definition: Low yield of bitter gourd due to fruit fly

Technology assessed:

Technology option	No. of trials	Disease/ insect pest incidence (%)	Avg insect catch/trap/week	Yield (q/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
FP	15	36.2	-	98.5	58000	147750	89750	2.55
TO1	15	8.7	34.5	117.9	61500	176850	115350	2.88
TO2	15	6.6	33.0	125.3	64000	187950	123950	2.94

Results: TO2 comprising of integrated application of Food bait @ 20 no./ ha, + Pheromone trap with Cuelure @ 25 traps / ha, + foliar spray of Spinosad 45 % SC @ 170 ml/ ha at 30, 45, 60 and 75 DAS was found to give best control of fruit fly in bitter gourd resulting in highest net return of ₹ 123950/ha with decreased fruit infestation.

OFT-8

1.	Title of On farm Trial	Assessment of different management practices for YSB and Leaf folder 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 (Chlorpyriphos + Cypermethrin) 1 l/ha @ or Profenophos @ 1l/ha TO1: Foliar spray of Flubendiamide 20% WG @ 125 g/ha at the vegetative phase and at flowering stage TO2: Foliar spray with Tetraniliprole 20SC @ 250 ml/ha at 25, 45 and 65 DAT TO3: 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)	TO1: DEPT. OF ENTO. OUAT 2023 TO2: AICRP ON RICE, CHIPLIMA-2023 TO3: RRTTS, RANITAL-2023
5.	Production system and thematic area	Pest management
6.	Performance of the Technology with performance indicators	TO3 proved better over other treatments with a 17.83% increase in yield over farmers practice and net income and B:C ratio of 33800/- and 1.56 respectively and with 4.9% DH, 6.1% WEH and 4.1% leaf damage.
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	Higher cost of few insecticides.
9.	Process of farmers participation and their reaction	Farmers promptly accepted the application of new molecules of insecticides.

Thematic area: IPM

Problem definition: Low yield due to heavy infestation of yellow stem borer and leaf folder

Technology assessed:

Technology option	**No. of trials**	**Insect pest incidence (%)**			**Yield (q/ha)**	**Cost of cultivation (₹/ha)**	**Gross return (₹/ha)**	**Net return (₹/ha)**	**BC ratio**
		Dead heart (%)	**WEH (%)**	**Leaf damage (%)**					
FP	7	18.7	20.1	21.9	39.8	58,000	79,600	21,600	1.37
TO1	7	4.3	5.8	3.9	46.5	61,000	93,000	32,000	1.52
TO2	7	4.7	5.9	4.3	47.1	65,000	94,200	29,200	1.45
TO3	7	4.9	6.1	4.1	46.9	60,000	93,800	33,800	1.56

Results: TO3 comprising Soil application with (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha twice at 30 DAT and PI stage was found to give best control of yellow stem borer and leaf folder in highest net return of 33,800.00 with decreased DH %, WEH % and leaf damage %.

OFT-9

1.	Title of On Farm Trial	**Assessment of the improved techniques for cultivation of paddy straw mushroom (*Volvariella volvacea*) using crumpled straw (Kharif, 2023)**
2.	Problem diagnosed	Less income due to low yield of paddy straw mushroom and high rate of straw bundles
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Rectangular compact method Size 45 X 60 cm^2 TO_1: Square compact bed Size 30 X 30 cm^2 TO_2: Circular compact bed Size 45 cm diameter
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore-2012
5.	Production system and thematic area	Homestead
6.	Performance of the Technology with performance indicators	circular compact bed of size 45 cm diameter (TO_2) performed better than farmer practice & TO_1, with a yield of 0.674 kg/bed (30.37% higher) and B:C ratio of 1.67
7.	Final recommendation for micro level situation	Circular compact bed Size 45 cm diameter
8.	Constraints identified and feedback for research	Time consuming bed preparation method
9.	Process of farmers participation and their reaction	Farmers actively participated in the OFT

Thematic area: Mushroom production

Problem definition: Less income due to low yield of paddy straw mushroom and high rate of straw bundles.

Technology assessed:

Technology option	No. of trials	Yield (kg/bed)	Yield Change (%)	Cost of cultivation per bed (₹)	Gross return per bed (₹) @ ₹160/- per kg	Net return per bed (₹)	BC ratio
FP	07	0.517	-	48	83	35	1.73
TO_1	07	0.596	15.28	48	95	47	1.98
TO_2	07	0.695	19.15	48	111	63	2.31

Results: In this trial, the circular compact bed of size 45 cm diameter (TO_2) performed better than farmer practice & TO_1, with an yield of 0.674 kg/bed (30.37% higher) and B:C ratio of 1.67.

OFT - 10

1.	Title of On farm Trial	**Assessment of moringa leaf meal and cowpea leaf on supplement performance of colour birds**
2.	Problem diagnosed	Opportunity for cost reduction, increase of egg production, FCR in coloured layer bird
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP - commercial feed (125 g/hen/day) TO_1 - FP + 2g *Moringa oleifera* leaf powder TO_2 - Standard layer ration @ 75g/hen/day with cowpea leaves @ 75 g/hen/day
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR Central Coastal Agricultural Research Institute, Goa, 2017
5.	Production system and thematic area	Homestead / Poultry
6.	Performance of the Technology with performance indicators	Avg. body weight, Egg production, feed conversion ratio, egg weight (g), feed cost, B:C ratio
7.	Final recommendation for micro level situation	Appreciated by women farmers who are rearing coloured poultry layer birds
8.	Constraints identified and feedback for research	NIL
9.	Process of farmers participation and their reaction	SHG members conducted the OFT

Thematic area: Poultry

Problem definition: Low income and low nutrition due to plain biscuit preparation

Technology assessed: Feed supplementation in poultry for enhancing income of SHGs from coloured layer birds

Technology option	No. of trials	Egg production in 8 weeks (No)	Egg weight (g)	Feed consumed in 8 weeks (kg)	Gross cost of eggs (₹)	Gross return from egg sale (₹)	Net return (₹)	BC ratio
FP	07	31	53	7	200	248	48	1.24
TO_1	07	52	54	7	294	416	122	1.41
TO_2	07	29	52	4.2	176	232	80	1.32

Results: In this trial, the egg production in colour layer poultry birds were studied for 8 weeks with the above-mentioned feed and supplements. Moringa leaf supplement along with normal feed i.e. TO1was found to be better than farmer practice & TO_2 with more egg production (52 nos.), higher net return (₹122.00) and higher B:C ratio (1.32).

OFT-11

1	Title of On farm Trial	**Assessment of growth promoters for maximizing carp fry yield in Nursery tank**
2	Problem diagnosed	Low yield of carp fry due to non-use of growth promoters
3	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP - Use of only powdered feed (Rice bran: GNOC:: 1:1) TO_1 - Use of Manganous sulphate and Cobaltous chloride each at a dose of 0.01 mg per spawn per day (incorporated with powdered feed) TO_2– Use of commercially available yeast powder (*S. cerevisiae*) at a dose of 0.5% of total powdered feed to be served daily
4	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CIFA, 2013 TNAU, 2019
5	Production system and thematic area	Pond based
6	Performance of the Technology with performance indicators	TO 1 resulted 23.80% higher yield over Farmers practice with lesser culture period
7	Final recommendation for micro level situation	Use of Manganous sulphate and Cobaltous chloride each at a dose of 0.01 mg per spawn per day
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 seed production

Problem definition: Low yield of carp fry due to non-use of growth promoters

Technology assessed:

Technology option	No. of trials	Yield component		Yield (Lakh of fry/ha)	Cost of cultivation (₹/ha)	Gross return (₹/ha)	Net return (₹/ha)	BC ratio
		Survival rate (%)	DOC to attend avg. fry size (25 mm)					
FP	7	31.20	19	21.89	1,83,950	4,37,800	2,53,850	2.38
TO_1	7	37.75	14	27.10	2,08,640	5,38,300	3,29,660	2.58
TO_2	7	35.30	17	24.40	2,02,791	4,86,700	2,83,909	2.40

Results: Use of Manganous sulphate and Cobaltous chloride each at a dose of 0.01 mg per spawn per day (incorporated with powdered feed) resulted in maximum fry yield (27.10 lakh fry/ha) and the highest net return of Rs 3,29,660/ha.

OFT-12

1	Title of On farm Trial	Assessment of different anti-ectoparasitic formulations for control of Anchor worm and carp lice
2	Problem diagnosed	Mortality of fish 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- CIFRI-Argcure (TANDAV) @ 40 ml/acre-m/dose in 3 doses in weekly intervals
4	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIFRI, Barrackpore
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 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

Results: TO_1 i.e. use of Ivermectin is effective in controlling Argulus infestation in carps

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 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	2	2	2				13		15		15	
2	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	
3	Finger millet	ICM	STBF +Seed treatment with biofertilizers (Azospirillum& PSM @ 25 g/ Kg of seeds eachvar.Arjun (Line Sowing of finger millet at 22.5 cm x 10 cm)	2	2					8	2	8	2	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_2O_5	K_2O					
Rice	Kharif	Rainfed	Sandy loam	125.9	14.2	217.6	Greengram/ Blackgram	25.6.2024	23.11.2024	842	63
Rice	Kharif	Rainfed	Clayey loam	142.6	15.8	286.8	Greengram/ Blackgram	8.7.2024	2.12. 2024	935	78
Finger millet	Rabi	Irrigated medium land	Clay loam	118-146	8.5-10.2	156-195	Rice	10.12.24	22.4.24	376	10

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
Groundnut	ICM	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	15	2	21.9	18.7	17.1	65000	131400	66400	2.02	63200	112200	49000	1.77
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
Greengram	IPM	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	10	02	5.1	3.8	52.63	19760	34570	14810	1.75	16300	25760	9460	1.58
	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	Mechanical sowing + Pre-emergence application of pyrazosulfuron ethyl @ 200g/ha followed by post-emergence Fenoxaprop - ethyl + ethoxysulfuron @1300 +120ml/ha at 25 DAS	15	2	45.3	41.9	8.1	86% WCE	72% WCE	60200	104643	44443	1.73	63500	96789	33289	1.52
Rice	ICM	Red rice varieties Panialna and Bhaluki, dhaincha green manuring, FYM @2t/ha, jeevamrut @200L/application – 5 times	15	2	40.3	36.4	10.71	-	-	56300	93093	36793	1.65	59400	84084	24684	1.41
Jute	PHT	Application of NINFET SATHI (retting accelerator) powder formulation @ 40 kg/ha	15	2	22.8	21.7	5.1	Retting period -14 days	Retting period -19 days	54000	125400	71400	2.32	50000	108500	58500	2.17
Dragon fruit	Production & Management technology	Demonstration on cultivation of dragon fruit integration in existing horticulture-based cropping system	10	0.15	17.94	-		Continuing…		Continuing…	-						

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	Demonstration of bending technology in guava for increasing productivity	10	0.4	206	178	15.7%	Fruit set 64.5 %	Fruit set 59.3 %	196000	426000	230000	2.17	182000	356000	174000	1.95
Brinjal	Production & Management technology	Demonstration on cultivation of grafted brinjal	10	0.125	447.3	323.60	39 %	Days to 1st harvet 38 days	Days to 1st harvet 47 days	159601	447300	287699	2.80	128000	323600	194960	2.52
Mango	Production & Management technology	Demonstration of growth promoters for improving fruit retention, yield, and quality of mango	10	0.4	-	-	-	Continuing …		Continuing…							
Okra	BIPM	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 10^8cfu) @ 2 g/l water twice at 40 and 50 DAS	10	1	149.7	130.0	15.15	%Fruit infestation: 12% Aphid/ cm twig (no.): 9	%Fruit infestation : 18% Aphid/ cm twig (no.): 58	92850	195000	102140	2.38	94350	130200	182900	2.10

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
Chilli	IPM	Soil application of neem cake @ 2.5 Q/ha, Installation of blue sticky traps @50 nos/ha, application of Difenthiuron 50WP and Spiromecifen 240 SC @ 0.6 ml/lit at 10 days interval	15	2	65.9	54.3	21.36	Mite/ leaf :2.1 Thrips / upper 3 leaves: 2.5	Mite/ leaf: 18.2 Thrips / upper 3 leaves: 19.4	151843	329500	177657	2.17	142147	271500	129353	1.91
Tomato	Pest management	Alternate spraying of insecticides Abamectin 1.8 EC @ 300 ml/ha and Fipronil 5 % SC @ 1000 ml/ha at 30 & 45 DAS	10	1	231.6	195.4	18.53	Infested plant % 3.0	Infested plant % 27.5	159300	347400	188100	2.18	155900	293100	137200	1.88
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	2.0	24.5	22.3	9.86	-	-	108300	122500	14200	1.13	105300	111500	6200	1.05
		Total	130	13.075													

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																	
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**
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	38.67	32.84	17.75	Plankton density (ml/50 L water) 2.20	Plankton density (ml/50 L water) 1.75	216840	464040	247200	2.14	202090	394080	191990	1.95

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 *P. vannamei*post larvae reared in earthen ponds. Combination of KCl and MgCl2 @ 2.5 g/kg feed and Vit C @ 5 g/Kg feed	10	10	Result awaited												
GI Catla	Species introduction	Incorporation of GI Catla in composite carp culture with species ratio of GI Catla:Rohu:Mrigal::3:4:3 @ 5000 nos of yearlings/ha	10	10	39.42	33.27	18.48	Avg. body wt of GI Catla (kg) 0.960	Avg. body wt of Catla (kg) 0.810	212125	473040	260915	2.23	183980	399240	215260	2.17
Amur carp	Varietal substitution	Stocking of fingerlings of Catla: Rohu: Mrgal: Amur carp:: 3:4:1.5:1.5 @ 10,000 nos/ha	10	10	37.96	32.18	17.96	Avg. body wt of Amur carp (kg) 0.920	Avg. body wt of Amur carp (kg) 0.790	210890	455520	244630	2.16	200082	386160	186078	1.93
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																
Others (pl. specify) Value addition	Production of Mushroom millet Cookies	10	10	Sensory Evaluation Flavour-7.0 Taste – 7.5 Texture 8.2	Flavour -6.3 Taste – 7.8 Texture 8.5		Shelf life 3 months	Shelf life 3 months	750 Per 10 kg	1,800	1,450 Per 10 kg	2.61	900 Per 10 kg	2,350	1,050 Per 10 kg	2.44
Others (pl. specify) Drudgery reduction	Arecanut dehusker	10	10	Dehusking per hour in kg 5.2	4.0	1.2 kg more dehusking per hour	Saving of labour 50%	Nil	Cost of dehusking of 10 kg 200	-	Cost saving in dehusking 1 q 293	-	Cost of dehusking of 10 kg 293	-	Cost saving in dehusking 1 q nil	-
Others (pl. specify) Compost making	Production of compost by utilizing kitchen waste	10	10	Organic carbon 1.3%	-	-	N – 0.8% P2O5-0.3% K2O – 1.2%	-	-	-	-	-	-	-	-	-

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
Others (pl. specify) Backyard duckery	Feeding of Azola to duck	10	150	Egg No/ bird /yr 220	200	10 % more eggs and 11.11 % more live wt in Demo	-	2.7 kg	708	1840	1132	2.6	740	1670	930	2.3
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	Decomposition % after 30 days 20	Decomposition % after 30 days 10	-	Days to composting 85	Days to composting 140	500/- per Q compost	550/- per Q compost	150 per Q compost	-	500/- per Q compost	750/- per Q compost	250 per Q compost	-
Total		50	190													

* 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	Feeding of Azola to duck	10	10 % more eggs and 11.11 % more live wt	-	B:C of 2.6 was observed in demonstration as compared to 2.3 in FP

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Pregnant women					
Adolescent Girl					
Other women					
Children	Production of Mushroom millet Cookies	10	**Sensory Evaluation** Flavour-7.0 Taste – 7.5 Texture 8.2	**Sensory Evaluation** Flavour-6.3 Taste – 7.8 Texture 8.5	Shelf life of the products can be up to 3 months
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)			
					Demonstration	Check									

* 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)										

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
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
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 (Pl.specify)										

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
Total										
Commercial crops										
Cotton										
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
1.ICM in DSR	Rice	• Broad spectrum herbicide is required to control the weeds with one application
2.ICM in Local red rice	Rice	• Plant protection measure needs to be addressed in Natural farming
3. Improved retting technology	Jute	• Availability of NINFET SATHI Local market is an issue
4. ICM in groundnut	Groundnut	• Gypsum availability and machine availability is an issue
5. BIPM in Okra	Okra	• Market unavailability of bio-agents
6. Production of Mushroom millet Cookies	Millet	• High market demand for this nutritional rich product and good source for income generation for women SHGs.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	4.11.24, 16.11.24, 29.11.24, 10.12.24, 21.12.24, 30.12.24, 4.1.25, 13.1.25, 24.1.25, 7.2.25, 15.2.25, 27.2.25, 6.3.25, 13.3.25, 18.3.25, 21.3.25, 25.3.25, 29.3.25.	22	2250	

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
2.	Farmers Training	05.07.24, 30.10.24, 19.03.25, 21.03.25, 22.03.25	4	120	Conducted FW training as per FLD
3.	Media coverage		2	Mass	
4.	Training for extension functionaries	20.09.24	1	30	IS on Nutri rich diet preparation from millet

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2023 and Rabi 2022-23: No allotment for the reporting year

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

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

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)

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

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended

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			
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total			

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	1	18	5	23	7	0	7				25	5	30
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	2	33	8	41	13	6	19				46	14	60
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													
Others	1	17	1	18	5	7	12				22	8	30
Total (a)	**1**	**17**	**1**	**18**	**5**	**7**	**12**				**22**	**8**	**30**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	22	1	23	5	2	7				27	3	30
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	**1**	**22**	**1**	**23**	**5**	**2**	**7**				**27**	**3**	**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													

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
Others													
Total (d)													
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 technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	**2**	**39**	**2**	**41**	**10**	**9**	**19**				**49**	**11**	**60**
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management	1	15	15	30							15	15	30
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	**2**	**31**	**29**	**60**							**31**	**29**	**60**
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													

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
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	1		21	21		9	9					30	30
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total	**1**		**21**	**21**		**9**	**9**					**30**	**30**
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	1	9	4	13	7	10	17				16	14	30
Total	1	9	4	13	7	10	17				16	14	30
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													

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
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													
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	112	43	155	30	25	55				142	68	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													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	2	25	8	33	13	14	27				38	22	60
Planting material production	1	7	9	16	8	6	14				15	15	30
Vermiculture	1	15	7	22	5	3	8				20	10	30
Mushroom and spawn Production	2	24	22	46	6	8	14				30	30	60
Beekeeping	1	8	5	13	10	7	17				18	12	30
Sericulture													

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
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology	1	12	6	18	9	3	12				21	9	30
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	17	11	28	2	0	2				19	11	30
Others													
Total	**9**	**108**	**68**	**142**	**53**	**41**	**68**				**161**	**109**	**270**

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	1	11	5	16	3	5	8				14	11	25
Integrated Nutrient management													
Rejuvenation of old orchards	1	22	7	29	1		1				23	7	30
Protected cultivation technology	1	17	1	18	5	7	12				22	8	30
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													

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
Household food security (Nutritional management of adolescent girls)													
Mushroom spawn production technique													
Climate resilient agriculture	1	18	5	23	4	3	7				22	8	30
Biofloc fish production technique	1	4	15	19	1		1				5	15	20
Fish health management													
Natural farming	1	12	3	15	4	1	5				16	4	20
Other (FPO involvement)	2	31	4	35	12	3	15				43	7	50
Nutri rich diet preparation from millet	1		30	30		6	6					30	30
Total	**9**	**115**	**70**	**185**	**30**	**25**	**55**				**145**	**90**	**235**

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	0	0	0	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 (natural farming)	1	13	9	22	5	3	8				18	12	30
Total	**12**	**184**	**96**	**280**	**56**	**24**	**80**	**0**	**0**	**0**	**240**	**120**	**360**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	13	10	23	6	1	7				19	11	30
Off season vegetables	1	22	7	29	1		1				23	7	30
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	29	1	30							29	1	30
Others	4	59	35	17	18	8	26				77	43	120
Total (a)	**7**	**123**	**53**	**176**	**25**	**9**	**34**				**148**	**62**	**210**
b) Fruits													
Training and Pruning	1	25		25	5		5				30		30
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													

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
Plant propagation techniques													
Others	1	12	7	19	6	5					18	12	30
Total (b)	**2**	**37**	**7**	**44**	**11**	**5**	**5**				**48**	**12**	**60**
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	1		11	11		19	19					30	30
Processing and value addition													
Others													
Total (d)	**1**		**11**	**11**		**19**	**19**					**30**	**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 technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	**10**	**160**	**71**	**231**	**36**	**33**	**69**				**196**	**104**	**300**
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
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
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	1		20	20		10	10					30	30
Design and development of low/minimum cost diet	1		18	18		12	12					30	30
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	2		43	43		17	17					60	60
Women empowerment													
Location specific drudgery reduction technologies	1		21	21		9	9					30	30
Rural Crafts	1		28	28		2	2					30	30
Women and child care													
Others													
Others (Compost making)	1		29	29		1	1					30	30
Others (Poultry / duckery rearing)	2		56	56		4	4					60	60
Others (Mushroom production)	2		52	52		8	8					60	60
Total	**11**		**267**	**267**		**63**	**63**					**330**	**330**
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													

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
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	6	77	29	106	52	22	74				129	51	180
Integrated Disease Management													
Bio control of pests and diseases	2	13	6	19	30	11	41				43	17	60
Production of bio control agents and bio pesticides													
Others													
Total	**8**	**90**	**35**	**125**	**82**	**33**	**115**				**172**	**68**	**240**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing	1	19	5	24	6	-	6	-	-	-	25	5	30
Composite fish culture	6	92	65	157	17	6	23	-	-	-	109	71	180
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													
Feeding management	1	21	5	26	3	1	4	-	-	-	24	6	30
Fish disease management	1	25	3	28	2	-	2	-	-	-	27	3	30
Others													
Total	**9**	**157**	**78**	**235**	**28**	**7**	**35**	**-**	**-**	**-**	**185**	**85**	**270**
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													
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													

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
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	**50**	**568**	**509**	**1077**	**227**	**196**	**423**				**795**	**705**	**1500**

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													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

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													

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
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													

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	15	65	21	4	25				71	19	90
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification	1	18	5	23	7		7				25	5	30
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 Management	2	18	20	38	8	14	22				26	34	60
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	**14**	**213**	**98**	**274**	**74**	**35**	**109**				**287**	**133**	**420**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	13	10	23	6	1	7				19	11	30
Off0season vegetables	1	22	7	29	1		1				23	7	30
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	29	1	30							29	1	30
Others	5	81	30	111	22	17	39				103	47	150
Total (a)	**8**	**145**	**48**	**193**	**29**	**18**	**47**				**174**	**66**	**240**
b) Fruits													
Training and Pruning	1	25		25	5		5				30		30
Layout and Management of Orchards	1	22	1	23	5	2	7				27	3	30
Cultivation of Fruit													
Management of young plants/orchards													

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
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others	1	12	7	19	6	5	11				18	12	30
Total (b)	**3**	**59**	**8**	**67**	**16**	**7**	**23**				**75**	**15**	**90**
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	1		11	11		19	19					30	30
Processing and value addition													
Others													
Total (d)	**1**		**11**	**11**		**19**	**19**					**30**	**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 technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	**12**	**204**	**67**	**271**	**45**	**44**	**89**				**249**	**111**	**360**
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management	1	15	15	30							15	15	30
Integrated Nutrient Management													
Production and use of organic inputs	1	16	14	30							16	14	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
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total	**2**	**31**	**29**	**60**							**31**	**29**	**60**
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	1		20	20		10	10					30	30
Design and development of low/minimum cost diet	1		18	18		12	12					30	30
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	3		64	64		26	26					90	90
Women empowerment													
Location specific drudgery reduction technologies	1		21	21		9	9					30	30
Rural Crafts	1		28	28		2	2					30	30
Women and child care													
Others													
Others (Compost making)	1		29	29		1	1					30	30
Others (Poultry / duckery rearing)	2		56	56		4	4					60	60
Others (Mushroom production)	2		52	52		8	8					60	60
Total	**12**		**288**	**288**		**72**	**72**					**360**	**360**
VI. Agril. Engineering													

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 & 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	6	77	29	106	52	22	74				129	51	180
Integrated Disease Management													
Bio control of pests and diseases	2	13	6	19	30	11	41				43	17	60
Production of bio control agents and bio pesticides													
Others	1	9	4	13	7	10	17				16	14	30
Total	**9**	**99**	**39**	**138**	**89**	**43**	**132**				**188**	**82**	**270**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing	1	19	5	24	6		6				25	5	30
Composite fish culture	6	93	65	157	16	6	22				109	71	180
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													
Feeding management	1	21	5	26	3	1	4				24	6	30
Fish disease management	1	25	3	28	2		2				27	3	30
Others													
Total	**9**	**158**	**78**	**235**	**27**	**7**	**34**				**185**	**85**	**270**
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													

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
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
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	**58**	**685**	**567**	**1252**	**256**	**232**	**488**				**941**	**799**	**1740**

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													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	2	25	8	33	13	14	27				38	22	60
Planting material production	1	7	9		8	6					15	15	30
Vermiculture	1	15	7	22	5	3	8				20	10	30
Mushroom and spawn Production	2	24	22	46	6	8	14				30	30	60
Beekeeping	1	8	5	13	10	7	17				18	12	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
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology	1	12	6		9	3					21	9	30
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	17	11	28	2		2				19	11	30
Others													
Total	**9**	**108**	**68**	**176**	**53**	**41**	**94**				**161**	**109**	**270**

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	1	11	5	16	3	5	8				14	11	25
Integrated Nutrient management													
Rejuvenation of old orchards	1	22	7	29	1		1				23	7	30
Protected cultivation technology	1	17	1	18	5	7	12				22	8	30
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													

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
Household food security (Nutritional management of adolescent girls)													
Mushroom spawn production technique													
Climate resilient agriculture	1	18	5	23	4	3	7				22	8	30
Biofloc fish production technique	1	4	15	19	1		1				5	15	20
Fish health management													
Natural farming	1	12	3	15	4	1	5				16	4	20
Other (FPO involvement)	2	31	4	35	12	3	15				43	7	50
Nutri rich diet preparation from millet	1		30	30		6	6					30	30
Total	**9**	**115**	**70**	**185**	**30**	**25**	**55**				**145**	**90**	**235**

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	F7FW	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	0	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	0	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	0	0	0
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	RY	Preparation of Natural farming Products	10	On	38	22	60	13	14	27
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
Agronomy	IS	FPO Management	2	On	43	7	50	12	3	15
Soil Science	F&FW	Management of saline soil	1	Off	16	14	30			
Soil Science	F&FW	Nutrient management in Rice	1	Off	15	15	30			

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	Intercrop management in plantation crops	1	Off		30	30		19	19
Horticulture	F & FW	Canopy management in guava for enhancing productivity	1	Off	30		30	5		5
Horticulture	F & FW	Layout and crop management practices for dragon fruit	2	On	27	3	30	5	2	7
Horticulture	F & FW	Off season vegetable cultivation during post-kharif season	1	Off	23	7	30	1		1
Horticulture	F & FW	Climate resilient vegetable crops and cultivation practices	4	On	22	8	30	5	7	12
Horticulture	F & FW	Vegetable based integrated farming system modules for coastal areas	1	Off	15	15	30	8	6	14
Horticulture	F & FW	Cropping sequences of horticultural crops under hi-tech protected structures	1	Off	29	1	30			0
Horticulture	F & FW	Fruit drop management in mango	1	Off	18	12	30	6	5	11
Horticulture	F & FW	Climate smart crop establishment methods for vegetable farming	2	Off	42	18	60	3	1	4
Horticulture	F & FW	High valued horticultural crops on cluster approach for FPOs	1	Off	19	11	30	6	1	7
Horticulture	F & FW	Natural farming practices for vegetable crop	1	Off	24	6	30	6	3	9
Horticulture	RY	Advanced technologies for QPM production in horticultural crops	5	On	15	15	30	8	6	14
Horticulture	RY	Aggregation, grading, packaging and marketing in vegetable clusters (FPCs)	3	On	21	9	30	9	3	12
Horticulture	IS	Round the year capsicum cultivation under poly-house with fan pad cooling system	1	On	23	7	30	1		1
Horticulture	IS	Rejuvenation of old senile mango orchard	1	On	22	8	30	5	7	12

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
Plant protection	F&FW	Integrated pest management strategy for major insect pests in rice	1	Off	21	9	30	11	10	21
Plant protection	F&FW	Integrated management of insect pest and diseases in jute	1	Off	18	12	30	9	4	13
Plant protection	F&FW	Pests of chilli and brinjal and their management	1	Off	23	7	30	8	6	14
Plant protection	F&FW	Fruitfly management in cucurbits	1	Off	27	3	30	9		9
Plant protection	F&FW	Ecological pest management in vegetable crops	2	Off	16	14	30	7	10	17
Plant protection	F&FW	Management of rugose spiraling whitefly in coconut	1	Off	25	5	30	9	1	10
Plant protection	F&FW	Bio-intensive pest management in okra	1	Off	23	7	30	13	7	20
Plant protection	F&FW	Organic method of pest management in vegetable crops	1	Off	20	10	30	17	4	21
Plant protection	F&FW	Management of stored grain pests	1	Off	15	15	30	6	1	7
Plant protection	RY	Beekeeping for self-reliant agriculture	5	Off	18	12	30	10	7	17
Plant protection	IS	Advances in pesticide management	2	On	14	11	25	3	5	8
Home Sc.	F&FW	Improved techniques for production of paddy straw mushroom	1	Off		30	30		3	3
Home Sc.	F&FW	Compost making process using kitchen waste	1	Off		30	30		1	1
Home Sc.	F&FW	Nutritional garden for nutritional security	1	Off		30	30		10	10
Home Sc.	F&FW	Preparation of value-added products from paddy straw mushroom	1	Off		30	30		7	7

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
Home Sc.	F&FW	Artificial brooding technology support	1	Off		30	30		2	2
Home Sc.	F&FW	Mushroom production and different methods of packaging	1	Off		30	30		5	5
Home Sc.	F&FW	Improved duckery for livelihood support	1	Off		30	30		2	2
Home Sc.	F&FW	Value added products from vegetables (Chili)	1	On		30	30		9	9
Home Sc.	F&FW	Drudgery reduction technology for farm women	1	Off		30	30		9	9
Home Sc.	F&FW	Strengthening SHGs' through entrepreneurship on golden grass craft	1	Off		30	30		2	2
Home Sc.	F&FW	Preparation of value-added products from millets	2	On		30	30		10	10
Home Sc.	F&FW	Complete nutrition-based diet chart for women and children	1	Off		30	30		12	12
Home Sc.	RY	Commercial Mushroom cultivation	5	On	15	15	30	5	4	9
Home Sc.	RY	Mushroom spawn production	5	On	15	15	30	1	4	5
Home Sc.	IS	Nutri rich diet preparation from millet	1	On		30	30	-	6	6
Fishery Sc.	F/FW	Pre-stocking Pond management	1	Off	17	13	30	3	2	5
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	3	1	4
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	17	13	30	3	1	4
Fishery Sc.	F/FW	Amur carp in composite carp culture for productivity enhancement	1	Off	22	8	30	1	1	2

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
Fishery Sc.	F/FW	Fish disease and its management	1	Off	24	6	30	2	1	2
Fishery Sc.	F/FW	Production technology for fingerling and yearling production	1	Off	25	5	30	6		6
Fishery Sc.	RY	Stunted fingerling and yearling production	5	On	19	11	30	2		2
Fishery Sc.	IS	Biofloc fish production technique	1	On	5	15	20	1		1

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 else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermicompost and vermiculture production	INM	Vermicompost and vermiculture production	05	20	10	30	Self employed	6	6	
Apiary	Bee keeping	Bee Keeping as self-reliant agriculture	05	18	12	30	Bee box installed	10	25	
Natural farming Products	Natural farning	Preparation of Natural farming Products	05	18	12	30	Natural farming input	5	2	
Natural farming Products	Natural farning	Preparation of Natural farming Products	05	20	10	30	Natural farming input	3	3	
QPM production	QPM production	Advanced technologies for QPM production in horticultural crops	05	15	15	30	QPM production unit	11	20	

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom	Mushroom cultivation	Commercial Mushroom cultivation	5	15	15	30	Mushroom unit	21	25	
Mushroom	Mushroom spawn production	Mushroom spawn production	5	15	15	30	Mushroom spawn unit	1	2	
Fishery	Stunted fingerling and yearling production	Stunted fingerling and yearling production	5	19	11	30	Stunted fingerling and yearling production unit	8	12	

*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 production													
Commercial vegetable production													
Integrated crop management													
Organic farming	2	15	9	17	13	14	23				28	22	30
Other													
Total	**2**	**15**	**9**	**17**	**13**	**14**	**23**				**28**	**22**	**30**
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture	1	17	11	28	2		2				19	11	30
Sheep and goat rearing													
Piggery													
Poultry farming													
Other	1	17	11	28	2		2				19	11	30
Total	**2**	**34**	**22**	**56**	**4**		**4**				**38**	**22**	**60**
Income generation activities													
Vermicomposting	1	15	7	22	5	3	8				20	10	30
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm machinery &implements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation	2	24	22	46	6	8	14				30	30	60
Nursery, grafting etc.	1	7	9	16	8	6	14				15	15	30
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other (Bee keeping)	1	9	5	14	9	7	16				18	12	30
Total	**5**	**55**	**43**	**98**	**28**	**24**	**52**				**83**	**67**	**150**
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													

Grand Total	**9**	**104**	**74**	**171**	**45**	**38**	**79**				**149**	**111**	**240**

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 farming system	IFS	December	4	PF	2	60	ATMA

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	2	38	11	49	5	6	11	0	0	0	43	17	60
Total	**2**	**38**	**11**	**49**	**5**	**6**	**11**	**0**	**0**	**0**	**43**	**17**	**60**
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
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	**2**	**38**	**11**	**49**	**5**	**6**	**11**	**0**	**0**	**0**	**43**	**17**	**60**

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
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 (specify)	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 (Specify)	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	9
Radio talks	2
TV talks	
Popular articles	
Extension Literature	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 farmersto whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Rice	Pooja	200 (Unprocessed)	6,43,500 (Tentative)	-	-	-	-	-	-	-	-

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	1150	2875	20	3	0	0	25	5	55	8
Cabbage	BC76/90, Xenith	2370	5925	12	5	0	0	50	4	62	9
Tomato											
Brinjal	Naveen, VNR 212, JK 1580	1154	2885	23	4	0	0	25	5	58	9
Chilli	Chitra	3000	6000	24	9	0	0	54	8	78	17
Onion											
Pointed gourd	Swarna aloukik, local	376	7000	0	0	0	0	12	0	12	0
Fruits											
Dragon fruit	Pink peel with Pink flesh, Pink Peel with white flesh	300	1500	1	0	0	0	17	3	18	3
Mango											
Guava											
Lime											
Papaya	Sinta, Binayak	306	6120	3	1	0	0	21	4	24	5
Banana	Champa, Patakpura, Kuji Bantala	1031	15480	25	3			37	11	62	14
Drumstick	ODC	156	2340	11	2			29	1	40	3

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
Water chestnut	Haldipada Local, Balasore Local	300	4500	13				21		34	0
Ornamental plants	Sebati, Jasmin, Money plants, Lotus, Marigold	798	3123	13	16			12	30	25	46
Medicinal and Aromatic	Stevia, cinamom, manjuati, Beetlvine, Aloevera,Satabari	110	1475	4	0			25	6	29	6
Plantation										0	0
Spices										0	0
Turmeric	Rashmi	105 kg	3675	8	1			13	0	21	1
Tuber										0	0
Elephant yams	Gajendra	226.35 kg	13581	9	2			24		33	2
Fodder crop saplings										0	0
Forest Species										0	0
Arecanet	Mohitnagar, Local	704	41040	19	3			43	11	62	14
Marigold											
Lotus											
Total		**11,775**	**1,17,519**	185	49	0	0	408	88	613	137

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	874	9,220	1	1			14	14	15	15
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, vermiculture	41	20,500	1	1			13	14	14	15
Total	**915**	**29,720**	**2**	**2**			**27**	**28**	**29**	**30**

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	Kuroiler	630	47,300	1				25	1	26	1
Duals (broiler and layer)	Rainbow rooster, FFG Kuroiler	1200	62,800	8	11	0	0	19	8	27	19
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet		1	20,000					1		1	
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings	GI Catla, Rohu, Mrigal	11,745	35,325	3	2	-	-	28	6	31	8
Others (Fish)	GI Catla, Rohu, Mrigal	9 kg	1,350					5		5	
Grand Total		**13,576**	**1,66,775**	**12**	**13**			**78**	**15**	**90**	**28**

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	Nano herbicides a sustainable strategy for weed	K Kusumavati, S K Rautray, S Sarkar, S dash, **Tapas Ranjan Sahoo**, S K Swain, Debadatta Sethi		Elsevier
Seminar/conference/ symposia papers	Effect of Secondary and micronutrient on yield and economics of groundnut in coastal Odisha	**T R Sahoo**, A Das, P K Sahoo, P J Mishra and A Khuntia		*SARM*
Seminar/conference/ symposia papers	Building resilience in productivity of Blackgram in rice-blackgram paira cropping system through Foliar nutrition	**T R Sahoo**, A Das, M P Mohanty, A Phonglosa, P J Mishra		*CRIDA*
Seminar/conference/ symposia papers	Extended Summaries	Behera, B. Mohapatra, BK, Patra, A K, Das, A, Nayak, A, Samant, T K, **Sahoo, T R**, Priyadarshini, S, Sahoo, S, Patra, B, Mohaptra, K K, Nayak, J K, Dash, AC, Pattnaik, G P, Dash, A		*Odisha Chapter, Indian Society of Agronomy, OUAT*
Seminar/conference/ symposia papers	Assessing the economic and agronomic benefits of natural farming for vegetable crops in coastal agro ecosystem of Odisha	**Tapas Ranjan Sahoo**, Aurovinda Das, Matruprasad Mohanty, Amaresh khuntia, and P J Mishra		*Odisha Chapter, Indian Society of Agronomy, OUAT*

Item	Title	Author's name	Number	Circulation
Seminar/conference/ symposia papers	SOUVENIR	Behera, B. Mohapatra, BK, Patra, A K, Das, A, Dash, A Nayak, A, Samant, T K, **Sahoo, T R**, Priyadarshini, S, Sahoo, S, Patra, B, Mohaptra, K K, Nayak, J K, Pattnaik, G P,		*Odisha Chapter, Indian Society of Agronomy, OUAT*
Seminar/conference/ symposia papers	Foliar nutrition in Blackgram under Rice-blackgram paira cropping system to mitigate the terminal drought condition	**T R Sahoo**, A Das, M P Mohanty, P J Mishra		Directorate of Extension Education, OUAT, BBSR
Seminar/conference/ symposia papers	Village seed bank for empowering farmers and addressing climatic risks in flood affected coastal Odisha	A Das, **T R Sahoo**, G Sahoo, P J Mishra, M P Mohanty		Directorate of Extension Education, OUAT, BBSR
Seminar/conference/ symposia papers	Extended Summaries and Abstracts	Mishra P J, Khuntia, A. Patra, A K, Das, A. Nayak. AK, Palai, T K, Sahoo, S, **Sahoo, TR**, Priyadarshini, S, Nayak, M R, Samantaray, SK, Pattanaik, S, Mangaraj, S. Samanta, TK, Jena, S. Phonglosa, A and Nayak, H		Directorate of Extension Education, OUAT, BBSR
Books	Nirantara Bikash o Sthirata pain Jaivika Krushi	A Das, **T R Sahoo**, G Sahoo		KVK, Kendrapara
Bulletins				
News letter	The Tulasi -News letter	A Das, G Sahoo, **T R Sahoo**, P Mishra, N Mohapatra, M R Behera, P K Sahoo		KVK, Kendrapara
Popular Articles				

Item	Title	Author's name	Number	Circulation
Book Chapter	Marudi O marudisahanisilakrushi	**T R Sahoo**, B K Mohapatra, A Das		Centre for Environmental studies, Dept. Of FEC, Govt. of Odisha, PP 103-107
Book Chapter	Marubhumi karana O krusho sambdhiya pratikara	S Sahoo, S K Swain, P J Mishra, S Biswal**, T R Sahoo**		Centre for Environmental studies, Dept. Of FEC, Govt. of Odisha, PP 84-90
Book Chapter	Desertification and agronomic remedies	S Sahoo, P J Mishra, **T R Sahoo** and H K Patro		Centre for Environmental studies, Dept. Of FEC, Govt. of Odisha, PP 99-101
Book Chapter	Drought and drought resilience agriculture	**T R Sahoo**, A Das, S Biswal and B K Mohapatra		Centre for Environmental studies, Dept. Of FEC, Govt. of Odisha, PP 118-123
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc.)				
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:

Name of the Scientists participated	Designation	Topic	Place	Date (s)
Dr. A. Das	Sr. Scientist & Head	Building small holders climate resilience for achieving sustainable food systems	OUAT, Bhubaneswar	17.09.2024 - 19.09.2024
Dr. A. Das	Sr. Scientist & Head	Resource management for climate resilient sustainable food production systems	OUAT, Bhubaneswar	06.03.2025 – 07.03.2025
Dr. A. Das	Sr. Scientist & Head	Annual Zonal workshop of KVKs	Puri, Odisha	27.8.2025-29.8.2025

Name of the Scientists participated	Designation	Topic	Place	Date (s)
Dr. A. Das	Sr. Scientist & Head	Annual Zonal workshop NICRA	North 24 Parganas KVK, West bengal	19.06.2024 - 20.06.2024
Dr. T.R. Sahoo	SMS (Agronomy)	Master trainer on FPOS	BIRD, Lucknow	13.05.2024 - 17.05.2024
Dr. T.R. Sahoo	SMS (Agronomy)	Consultation workshop on Natural farming	MANAGE, Hyderabad	14.06.2024
Dr. T.R. Sahoo	SMS (Agronomy)	Annual Zonal workshop NICRA	North 24 Prgana KVK, West bengal	19.06.2024 - 20.06.2024
Dr. T.R. Sahoo	SMS (Agronomy)	Building small holders climate resilience for achieving sustainable food systems	OUAT, Bhubaneswar	17.09.2024 - 19.09.2024
Dr. T.R. Sahoo	SMS (Agronomy)	Rainfed Agriculture: Building pathways for Resilience and Sustainable Livelihood	CRIDA, Hyderabad	29.01.2025 - 31.01.2025
Dr. T.R. Sahoo	SMS (Agronomy)	Empowering Odisha: addressing malnutrition and enhancing livelihoods through Biofertified crops	Hotel Lyf, Bhubaneswar by Harvest plus	19.02.2025
Dr. T.R. Sahoo	SMS (Agronomy)	Resource management for climate resilient sustainable food production systems	OUAT, BBSR	06.03.2025 – 07.03.2025
Dr. T.R. Sahoo	SMS (Agronomy)	Soil care under natural farming	Deptt. Of Soil Sc & Agl Chemistry, CA, OUAT	11.03.2025 - 12.03.2025
Dr. T.R. Sahoo	SMS (Agronomy)	Enhancing crop Productivity profitability and Environmental sustainability through organic and Natural farming	Deptt. Of Agronomy, CA, OUAT	20.03.2025 - 21.03.2025
Dr. P. Mishra	Scientist (Horticulture)	Recent advances in fruit production	COH, Chiplima, Sambalpur	17.12.2024 – 18.12.2024
Dr. P. Mishra	Scientist (Horticulture)	New cutting-edge technology mushroom sector	AICRP on Tropical Mushroom	24.02.2025 – 25.02.2025
Dr. Gayatree Sahoo	Scientist (PP)	Building small holder climate resilience for achieving sustainable food system	OUAT, BBSR	17.9.2024-19.09.2024
Dr. Gayatree Sahoo	Scientist (PP)	Mass production and use of bio-control agents for plant disease management	Dept. of Plant pathology, CA, OUAT, BBSR	6.3.2025-7.3.2025
Dr. Gayatree Sahoo	Scientist (PP)	Recent advances in implementable pest management technologies	Dept. of Entomology, CA, OUAT, BBSR	11.2.2025-12.2.2025

Name of the Scientists participated	Designation	Topic	Place	Date (s)
Manas Ranjan Behera	SMS (Fishery Science)	Livestock Husbandry	College of Vet. Sci and Animal Husbandry, OUAT	06.11.2024-08.11.2024
Manas Ranjan Behera	SMS (Fishery Science)	Advance pisciculture technologies and Exposure visit	ICAR-CIFA, Bhubaneswar	26.03.2025
Prasant Kumar Sahoo	Prog. Asst. (Comp.)	App Development	DEE, OUAT	27.03.2025
B.C. Swain	Farm Manager	Soil care under natural farming	Deptt. of Soil Sc & Agl Chemistry, CA, OUAT	11.03.2025 - 12.03.2025
B.C. Swain	Farm Manager	Enhancing crop Productivity profitability and Environmental sustainability through organic and Natural farming	Deptt. of Agronomy, CA, OUAT	20.03.2025 - 21.03.2025
B.C. Swain	Farm Manager	Pest management in Natural Farming	DEE, OUAT	25.03.2025 - 26.03.2025
Pravat Kumar Sahoo	Prog. Asst.	Soil care under natural farming	Deptt. of Soil Sc & Agl Chemistry, CA, OUAT	11.03.2025 - 12.03.2025
K.C. Das	Jr. Steno-cum Comp. Operator	Hands-on training programme on PFMS	ICAR-ATARI, Kolkata	06.03.2025

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: Introduction of Genetically improved (GI) Catla for profitable pisciculture

1. **Name of the Farmer/ Entrepreneur**: **Biplab Kishor Swain**
2. **Address (At/ Po/ Block/ Dist/ PIN)**: Ayeba, Kendrapara - 754212
3. **Contact no**: +91-8917505750
4. **Brief background**: (Educational qualification/Social status)
   Biplab Kishor Swain is 37 years old farmer with matriculation.
   He is having 3 Ac land area
5. **Details of Enterprise/Farming components**
   The different farming components are rice (1.5 acres), pisciculture (3 acres), vegetables (0.5 acre) and one guava orchard. 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.

6. **Economic/Production Advantage**: 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
7. **Employment generation**: 158 man-days/year
8. **Contributing Factors for the success:** Technical guidance from KVK such as scientific pond management practice and replacement of normal Catla with GI Catla are major factors for increasing production
9. **Importance for other Farmers**: He is the key trainer in pisciculture for other nearby farmers
10. **Award/Recognition if any**: Nil


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			

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	32 ha	936q	65	Y
2	Vegetable	10 ha	3820 q	123	Y
3	Vermicomposting	46 Nos.	160 t	36	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 Micro Processor (PH) Meter	1 No.
2	BOD incubator Conductivity meter	1 No.
3	Automatic Nitrogen estimation system(Kelp) analyser Refrigerator	1 No.
4	Distillation unit	1 No.
5	Hot air oven	1 No.
6	Physical Balance	1.No.
7	Electronic top pan balance	1 No.
8	Conductivity meter Mechanical stirrer	1 No.
9	Bouyoucos Hydrometer	1 No.
10	Mechanical stirrer	1 No.
11	Colony counter	1 No.
12	Plant sample grinder	1 No.
13	Hot water bath	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			
261	0	261	716	16	-

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	World Soil Day	50	1	Zilla Parishad President	50	50

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	86

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
27.04.2024	Prof. Pravat Kumar Roul, Vice Chancellor, OUAT	KVK Visit
18.06.2024	Sj. Nityananda Gond, Minister of School and Mass Education, ST & SC Development, Minorities & Backward Classes Welfare Government of Odisha	PM Kisan Programme
18.06.2024	Dr. Durga Prasanna Nayak, MLA, Mahakalapada	PM Kisan Programme
09.07.2024	Natascha Pancic, Berlin	KVK Visit
09.07.2024	Sj. Soumik Kundu, New Delhi	KVK Visit
25.09.2024	Sj. Srikanta Tarai, President BSE, Odisha, Cuttack	KVK Visit
05.10.2024	Dr. Durga Prasanna Nayak, MLA, Mahakalapada	PM Kisan Programme
05.10.2024	Ms. Lilita Das, President, Zilla Parishad, Kendrapara	PM Kisan Programme
05.10.2024	Sj. Smruti Ranjan Pradhan, IAS, Collector and District Magistrate	PM Kisan Programme
13.11.2024	Prof. P.J. Mishra, DEE, OUAT	SAC Meeting
22.11.2024	Dr. Rabindra Kumar Paikaray, State Manager, CDP-MLIP, Govt. Of Odisha	KVK Visit
22.11.2024	Sj. Satchidananda Panda, Technical Resource Person, CDP-MLIP, Govt. Of Odisha	KVK Visit
23.01.2025	Dr. H.K Senapati, Chairman, ZMC, NICRA	Impact Assessment
23.01.2025	Dr. Krishnendu Das, Member, ZMC, NICRA	Impact Assessment
23.01.2025	Dr. S.K. Mondal, Member, ZMC, NICRA	Impact Assessment
23.01.2025	Prof. P.J. Mishra, DEE, OUAT	Impact Assessment
14.02.2025	Sj. Smruti Ranjan Pradhan, IAS, Collector and District Magistrate	KVK Visit
25.03.2025	Ms. Lilita Das, President, Zilla Parishad, Kendrapara	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)
Integrated crop management in DSR	40	45	26000/ha	34000/ha
Improved retting technology in Jute	30	60	4700/q	5500/q
IPM module for sucking pest management in chilli	40	35	1,29,000/ha	1,77,000/ha
Management of leaf miner in tomato	40	25	1,37,200/ha	1,88,100/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**
Integrated weed management in transplanted rice	1000 ha
Cultivation of flood tolerant rice variety	2500 ha
Integrated Thrips and mite management in chilli	450 ha
YVMV management in greengram	25,000 ha

Give information in the same format as given below

4.2. 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	ICM in DSR	Proper management DSR through mechanized sowing, weed management with reduction of cost of cultivation for realization of higher profit.	Mechanical sowing resulted in 18 % reduction in cost of cultivation. Application of both pre and post emergence herbicide in sequence controls the major weeds in efficient manner. This resulted in 14 % higher yield in rice with 15 % increase in net profit.

4.4. Details of innovations recorded by the KVK

Thematic area	Exotic high value crop introduction
Name of the Innovation	Super food fruit crop introduction to the district which is free from bull and monkey menace
Details of Innovator	Commercial cultivation of dragon fruit, for the first time started in the district by Mr. Subrat Kumar Tripathy, a young 49-year-old law practitioner during the year 2022-23. A resident of Aul block of Kendrapara districts. Previously, Mr. Tripathy was cropping rice crop only by using farm machinery in four-hectare land. He is a progressive farmer and pioneer in the field rice farming. He is equipped with the rice farm machinery such as transplanter, mini tractor, power tiller and combine. Utilizing his practical field experience knowledge, he has introduced dragon fruit crop for higher sustainable long-term return.
Back ground of innovation	Out of four-hectare rice crop per annum, he was getting on an average net return varying from of Rs. 2, 50,000.00 to 3, 75,000.00. Although he is using best crop practices, quality seed, adopting best quality agricultural practices, applying full-fledged scientific recommended dosages of INM, IPDM and with proper farm

	mechanization practices. He was facing difficulties in repaying loan premium of the machines he had purchased for his farm and labour engaged. He was searching for an alternative crop for diversification. From the social media he learned about exotic super food fruit crop, he gathered lots of knowledge from you tube and other social media platforms. He even undergone training programme at Andra pradesh. After gaining hand sum first hand theoretical knowledge, he started growing dragon fruit in one hectare of land. He brought dragon fruit QPMs from AP. After planting, due to long distance transportation few plants won't survive. For QPM purchase, he came in contact with KVK, Kendrapara, Jajanga. He purchased dragon fruit QPMs for gap filling from the KVK, sale center. After this he remains in regular touch with Krishi Vigyan Kendra for dealing with diseases management, heat stress management of the crop. With the advice of KVK, Kendrapara he set up of apiary unit, grown inter crops as well as attended time to time capacity building training programmes organized by Krishi Vigyan Kendra.
Technology details	Dragon Fruit (Hylocereus sp.) has its origin in Southern Mexico, Central America and South America. It was introduced during 1990 for its commercial cultivation in south Asian tropical countries. It is a new introduction in India and the commercial cultivation is picking up. It is a climbing vine cactus species with most beautiful fruit in the family Cactaceae that has beautiful flowers and is nicknamed as 'Noble woman' or 'Queen of the Night'. The juicy flesh of the fruit is delicious in taste. Fruit is also called as Kamalam Phal, Red Pitaya, Roja. Dragon fruit cultivation prefers full sunlight open area for planting. Generally, in single post system planting is done at 3 x 2.5 m distance. Single post vertical height of the pole 7 ft, basal 2 ft is burried under soil, remaining 5 ft above the soil. Over the pole circular RCC or metal structure remains at which point they are allowed to branch and hang down. The Dragon fruit planted near the poles to enable them to climb easily. Number of plants per pole generally four plants depending on the climatic condition. Lateral shoots must be limited and 2-3 main stems are allowed to grow. It is important to arrange round metal/concrete frame to maintain balanced shrub. As Kendrapara is high rainfall areas, concrete poles are used as staking. The concrete pillars are supported by a square structure in the top to train the vine for bearing purpose. To combat soil erosion, the concrete square structures are used as base for maintaining the media that supports the growth of the vine. The planting season is generally summer monsoon (June−August). Fruiting occurs in July−October in a 6-8 flushes of market quality fruits.
Practical utility of innovation	The above-mentioned innovation is to change the mind set of fellow farmers who are still struggling for making money out of rice crop facing difficulties for their family maintenance and livelihood. Getting debated and facing financial difficulties. By adopting this futuristic super food fruit crop not only get higher profit but they can improve the holistic health of the society by supplying nutrient rich fruit. Farmers growing this high value crop, will become job provider than job seeker.

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	**Mushroom Spawn Production**
Name & complete address of the entrepreneur	Ipsita Swain At/Po-Adhanga, Derabis, Kendrapara
Role of KVK with quantitative data support:	She was given training on mushroom and spawn production technology for 5 days. She was involved in KVK FLD programme. She is always in regular touch with KVK

	scientists for technical guidance regarding spawn production. After getting certificate for KVK she availed 10 lakhs loan from bank for mushroom spawn production. She is selling her spawn bolltles in 5 blocks per day approximately 1000 bottles both oyster and paddy straw. She is producing paddy straw mushroom in her area in a cluster mode.
Timeline of the entrepreneurship development	2021-22 1st year 2022-23 -2nd year
Technical Components of the Enterprise	Mushroom spawn production with Autoclave, Laminar air flow and mushroom culture preparation etc.
Status of entrepreneur before and after the enterprise	She owns Motor cycle, TV, Refrigerator, Pucca house and provides employment to 4 persons round the year.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	1000 spawn bottle production capacity with annual 150000 nos. of spawn production.
Horizontal spread of enterprise	5 other farmers started producing mushroom spawn under her guidance.

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, CHESS 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 depts., participation of depts. in KVK activities, convergence of schemes

Name of organization	Nature of linkage
AICRP on palm, mushroom etc.	Technical support in organization of capacity building programs
RING KVK (Jagatsinghpur, Jajpur)	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 2023by 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)

a) 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 (₹)
Out scaling of natural farming through KVKs	Promotion of natural farming	April 2024	ICAR	72,000

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	*E. foetida*	Vermicompost	874 kg	6,000	9,220	
2.	Vermicompost	2011	3	*E. foetida*	vermin	41 kg	8,375	20,500	
3.	Azolla	2018		*A.pinnata*	Azolla	79.6kg	200	980	
4.	Apiary	2017	8 nos.	*Apis cerena indica*	Bee colony	5	1,600	6,000	
5.	Mushroom spawn	2011		Paddy straw mushroom, oyster mushroom	Mushroom spawn	3,225 nos.	47,540	51,600	
6	Mushroom	2011		Paddy straw mushroom, Oyster mushroom	Mushroom	300 kg	36,000	38,000	
7	Poultry	2013	30	Kaveri, FFG, Rainbow roaster	Chicks	1,200 nos.	34,000	62,800	
8	Fish seed production pond	2018	2000	Indian major carp	Fingerling, yearling	14,000 nos.	24,500	41,200	

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	
9	Medicinal garden	2018	350	Medicinal plants	Sapling	110 nos.	1,000	2,750	
10	Dragon fruit	2018	80	Red and white pulp	QPM	300 nos.	9,780	15,000	
11	Shade net unit	2009	300	Vegetable seedling and fruit QPM	QPM	11,045 nos.	42,600	55,000	
12	Water chest nut unit	2019	100	Balasore red	QPM	300 nos.	2,200	4,500	
	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	18.07.2024	26.12.2024	4.2	Pooja	FS	200 (Unproc-essed)	3,62,972	6,43,500 (Tentative)	

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	874	6,000	9,220	
2.	Vermiculture	41	8,375	20,500	
3	Azolla	19.6	200	980	

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.	Poultry	Rainbow rooster, FFG	Chicks	666	34,000	57,878	
2.	Fish	IMC	Fingerling & Yearling	14,000	24,500	36,675	

6.5. Utilization of hostel facilities: Repair work continues

Accommodation available (No. of beds): 20

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total			

(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 2024	✓	✓	✓	✓	✓	✓

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	

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

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

7.4. Utilization of KVK funds during the year 2024-25 (Not audited)

Sl.No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1,44,56,668	1,44,56,668	1,46,87,035
2	Traveling allowances	1,50,000	1,50,000	1,50,000
3	HRD	30,000	30,000	30,000
4	Contingencies			
A	R. Contingency	9,99,000	9,99,000	9,99,000
B	SCSP	10,00,000	10,00,000	10,00,000
C	Swachhta Expenditure	32,000	32,000	32,000
TOTAL (A)		**1,66,67,668**	**1,66,67,668**	**1,68,98,035**
B. Non-Recurring Contingencies				
1	Library	10,000	10,000	10,000
TOTAL (B)		10,000	10,000	10,000
C. REVOLVING FUND		**-**	**-**	**-**
GRAND TOTAL (A+B+C)		**1,66,76,668**	**1,66,76,668**	**1,69,08,035**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2020-21	1,20,041	6,49,953	5,20,061	Cash: 2,49,933 Kind: 4,26,356
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	11,44,240	7,42,112	Cash.5,92,127

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2024-25	5,44,821	12,71,906	10,63,692	Cash: 7,53,035 Kind: 6,43,500

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	27	Kharif	Agriculture		
Verification of QPM	12	Kharif, Rabi	Horticulture		
Training programme	17	Kharif, Rabi	Agriculture, ARD, Horticulture Fishery	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 2024	810	45	15,000
BLB	Rice	Sept-Oct 2024	1,050	40	18,000
YVMV	Greengram & Blackgram	March-April 2025	10,000	60	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 3rd week	12	120	
Lumpy Skin disease	Cattle animal	Jun 2024	5	450	
Argulosis	IMC	Nov 2nd week	30	-	12

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	47	56,28,171
Livestock	7	7,57,967
Fishery	8	5,13,993
Weather	8	9,72,516
Marketing	-	-
Awareness	2	3,00,633
Training information	-	-
Other	3	3,51,568
Total	**75**	**85,24,848**

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	76,517
2.	No. of farmers registered in the portal	52,519
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
30 days	Swachhata campaign

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in ₹)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM	6	4,000
4. Cleaning and beautification of surrounding areas	6	5,535
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	6	15,000
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	3	6,000
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner	1	265
11. Foster healthy competition		
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		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total	**22**	**30,800**

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 ofprogramme	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 ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
-	-	-	-	-	-	-	-	-	-	-	-	-

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.	Swachhata Activity	7	230		

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	5 (Adopted villages)	50 FW	CDPO, Derabis & AGM, NABARD	Mrs Manorama Jena, Mrs. Smita Badajena

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	Ajay Jena	Balipatna, Pattamundai,7606868877	Plantation crop orchard
2	Sumant Kumar Das	Jagulaipada, Rajkanika,9777440444	IFS

9.13. Revenue generation

Sl.No.	Name of Head	Income (₹)	Sponsoring agency
1.	MIDH	80000	State Hort Dept

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (₹ lakhs)	Infrastructure created
1	RKVY	Boundary wall	State Govt	105	Boundary wall
2	MIDH	Infrastructure and progeny nursery development	State Govt	25	Shade net house, Poly house

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	ICM	3	65	• Mechanised Dry sowing rice during dry spell • Post flood pulse cultivation through demonstration • Protection of crop from unseasonal rain through advisory

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	***Achieve-ments***	***Annual Targets***	***Achieve-ments***
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 amendments (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.				

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)**					

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

12. DETAILS OF DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2024

Progress of DAPSC for the year 2024 (Jan. to Dec., 2024)

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achieve-ments***	***Annual Targets***	***Achieve-ments***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.	6	5	160	90
	1.2	4-10 days	No.	1	1	20	30
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.	2	2	14	14
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.	10	8	130	120
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	0.1	0.1	10	10
	5.2	Seeds (High Value Crops, spices etc.)	kg	10	5.8	30	30
	5.3	Seeds (Root & Tuber Crops)	Tonnes	0.2	0.2	25	20
	5.4	Nursery plants	No.				
	5.5	Cutting, slips, suckers, etc.	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	500	450	15	12
	5.7	Honey Bee Colonies	No.	5	2	5	2
	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.	8000	6000	10	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	0.1	0.1	40	30
	5.2	FYM/ Vermicompost	Tonnes	1	0.5	20	10
	5.21	Soil amendments (Gypsum, lime etc.)	Tonnes	2	1.0	15	15
	5.22	Plant protection chemicals	kg	5	3	30	25
	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.	1	1	30	26
	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.	5000	3500	5000	3500
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)**						

b. 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

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	
River bed percolation tank	06			2				3	1	5	1	6	

Raising of rice field bund	10		4	3	1			4	2	7	3	10	
Green manuring in rice by Dhaincha	20		8	14	3			2	1	16	4	20	
Ridge & furrow of vegetable cultivation	10		1	2	1			6	1	8	2	10	
Vermi-composting from bio degradable agro waste	10			3	2			4	1	7	3	10	
Organic mulching in vegetable crops	10		1	2				6	2	8	2	10	

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	
Mechanized DSR	30	22	4			32	2	54	6	60	
Cultivation flood tolerant rice variety Swarna sub1 & CR1009 sub1	20	33	3			12	2	45	5	50	
Community nursery	0.4	3	1			5	1	8	2	10	
Improved jute retting by NINFET SATHI	4	6				4		10		10	
ICM in millet	2	4	2			8	1	12	3	15	
Cultivation of short duration greengram variety Virat during post flood situation	5	7	2			5	1	12	3	15	
Rice- blackgram paira cropping	6	3	1			10	1	13	2	15	
Integrated disease & pest management in rice	3	4				10	1	14	1	15	
Pod borer complex management in greengram	3	4	1			8	2	12	3	15	
Low-cost poly house for seedling raising	0.01	3	2			3	2	6	4	10	
Bitter gourd cultivation in growbag & trellis system	0.4	3	1			5	1	8	2	10	
Off season vegetable cultivation	3		10			2	3	2	13	15	
Areca nut plantation as crop diversification	1	4	1			4	1	8	2	10	

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		5	2	3				2		5		5	
Backyard rearing of stress tolerant poultry bird	200	20		8	8			2	2	10	10	20	

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	
Custom Hiring Centre	1	50	23	2			46	4	69	6	75	
Fodder bank	1	1	6	1			2	1	8	2	10	

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	8	1			19	2	27	3	30
Crop production	6	90	16			66	8	156	24	180
Livestock & fishery	2	43	6			9	2	52	8	60
Livelihood strengthening	1	6	16			2	6	8	22	30

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Exposure visit	2	8	4			20	8	28	12	40
Farmers' Fair	1	18	14			40	28	58	42	100
Animal health camp	1	48	9			22	3	70	12	82
Group discussion	11	64	13			112	31	176	44	220
Diagnostic field visit	15	52	11			76	21	128	32	160

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	Sj. Ajaya Kumar Jena	2024	OUAT	-	OUAT Farmers' Fair
2	Best FPO	Gupti FPCL	2024	OUAT	-	OUAT Foundation Day

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	40000 IMC fingerlings	45000	67000	17	60
2	Arecanut	115 plants	Newly planted	37200	---	---	---
3	Okra, pointed gourd, Bitter gourd	0.05	76 kg	670	1380	---	---
4	Betelvine	0.01	----	---	---	---	---

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	
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	

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
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)
18.06.2024	Sj. Nityananda Gond	Minister of School and Mass Education, ST & SC Development, Minorities & Backward Classes Welfare Government of Odisha	• Appreciated water chestnut, dragon fruit and other technology promoted by KVK

21. a) Information on ASCI Skill Development Training Programme, if undertaken during 2024

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**	
Skill Development	RPL-Gardener	16	9	1			27	3	36	4	40	84,000
Skill Development	RPL-Mushroom grower	32	7	2			47	44	54	46	100	5,00,000

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**
1	Centre of excellence for FPO	21.03.2025	KVK campus	Dist. Level convergence programme	30
2	Natural farming	10.02.2025 – 14.02.2025	KVK campus	Skill development training	30
3	PM Kusum Awareness program	05.11.2024	KVK campus	Awareness on use of solar energy	40

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

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