PROFORMA FOR ANNUAL REPORT 2024 (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	
Odisha University of Agriculture and Technology, Bhubaneswar	0674-2397818/919	0674-2397424	registrarouat@gmail.com

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	0674-2397818/919	0674-2397424	registrarouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Bimalendu Mohanty		9078584428	bimalendum@rediffmail.com

1.4. Year of sanction of KVK: 2001

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/ Temporary	Category (SC/ST/ OBC/Others)
1	Senior Scientist& Head	Dr. Bimalendu Mohanty	Sr. Scientist and Head	Ph D (Ag Engg)	79800-211500 (L.12) 95300	14.03.2005	Temporary	General
2	Subject Matter Specialist	Srikanta Sahu	Scientist (Agronomy)	MSc (Agronomy)	57700-162000 (L.10) 73000	20.11.2009	Temporary	General
3	Subject Matter Specialist	Sanghamitra Sahu	Scientist (Plant protection)	MSc (Ag)	15,600-39,100 +6000 26790	29.12.2015	Temporary	SC
4	Subject Matter Specialist	Dr. Sefali Rout	Scientist (Forestry)	Ph. D. (Forestry)	15,600-39,100 +6000 26790	05.10.2015	Temporary	General
5	Subject Matter Specialist	Dr. Dibya Sundar Kar	Scientist (Horticulture)	Ph. D. (Hort)	15,600-39,100+6000 29350	21.08.2006	Temporary	General
6	Subject Matter Specialist	Dr. Roshni Bala Nayak	Scientist (Animal Science)	MSc(Animal Sc)	15,600-39,100 +6000 26790	07.07.2015	Temporary	General
7	Subject Matter Specialist	Dr. Rojalin Mohanta	Subject Matter Specialist (Ag. Extn.)	Ph. D. (Ag. Extn.)	56100-177500 (L.12) 67000	19.08.2005	Temporary	General
8	Programme Assistant	Vacant	-	-	-	-	-	-
9	Computer Programmer	Nihar Ranjan Baral	PA (Computer)	Computer	35400-112400 (L.9) 60400	06.07.2006	Temporary	General
10	Farm Manager	Swarna Sarika Behera	Farm Manager	MSc (Hort.)	35400-112400 (L.9) 42300	13.02.2019	Temporary	General
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12	Stenographer	Biraja Prasad Jena	Jr. Steno-cum-Computer Operator	------	25500-81100 (L.7) 43500	13.10.2006	Temporary	General
13.	Driver	Khetrabasi Mohanty	Driver-cum-Mechanic	------	21700-69100 (L.5) 31100	25.07.2007	Temporary	General
14.	Driver	Vacant	Driver-cum-Mechanic	-	-	-	-	-
15.	Supporting staff	Dinabandhu Swain	Peon-cum-Watchman	-------	16600-52400 (L.1) 26600	20.12.2007	Temporary	General
16.	Supporting staff	Vacant						

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	0.6
3.	Under Crops	6.0
4.	Orchard/Agro-forestry	6.0
5.	Others with details	-
6.	Farm tank	5.0
7.	Barren land	2.0
	Total	**20.0**

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

Sl. 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	-	-	-		Under construction	Plan area-310	Not applicable	ICAR
2.	Farmers Hostel	Not existing	-	-	-				
3.	Staff Quarters (6)	-	-	-	-	Totally completed	390	Under use	ICAR
4.	Piggery unit	Not existing	-	-	-	-	-	-	-
5	Fencing	-				Totally completed	8790 running feet	Under use	RKVY
6	Rain Water harvesting structure	Not existing							

Sl. 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
7	Threshing floor	Not existing							
8	Farm godown	-				Totally completed	30	Under use	RKVY
9.	Dairy unit	-				-	-	-	-
10.	Poultry unit	-				Under construction	36	Not applicable	OMBADC, Govt of Odisha
11.	Goatary unit	Not existing							
12.	Mushroom Lab	-				Under construction			OMBADC, Govt of Odisha
13.	Mushroom production unit	-				Totally completed	78	Under use	ICAR
14.	Shade house	Not existing							
15.	Soil test Lab	-				Totally completed		Under use	Equipment's – ICAR, Building – RRTTS
16	Training Hall	-				Totally completed	95	Under use	RKVY
17	Duckery unit	-				Totally completed	10	Under use	RKVY
18	Vermi compost unit	-				Totally completed	23 78	Under use	ICAR

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2016-17	7,04,162	129988	Good condition
Tractor	2022-23	6,55,297	105 hours	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Digital Refractometer	2017-18	14,950	Good condition	ICAR
Drying cabinet	2017-18	19,897	Good condition	ICAR
Crown cap sealing machine	2017-18	2,950	Good condition	ICAR
Vacuum sealing machine	2017-18	1,980	Good condition	ICAR
Stainless steel knife, strainer, decanter, measuring cup set, glass jar etc.	2017-18	1,950	Good condition	ICAR
Food processor	2017-18	4,950	Good condition	ICAR
Wet grinder	2017-18	12,800	Good condition	ICAR
Mridaparikshak – 2 nos.	2016-17	1,80,600	Good condition	ICAR
Thermo hygrometer	2016-17	1800	Good condition	ICAR
Hand refractometer	2016-17	4850	Good condition	ICAR
Electronic automatic kelplus microprocessor based twenty place macro block digestion system	2004-05	121470	Good condition	ICAR
Electronic acid neutralizer scrubber	2004-05	51470	Good condition	ICAR
Electronic kelplusmicro processor based automatic nitrogen distillation system	2004-05	156530	Good condition	ICAR
Electronic titration system for kelplus system	2004-05	52000	Good condition	ICAR
Flame photometer	2004-05	35200	Not functioning	ICAR
Spectrophotometer	2004-05	30100	Good condition	ICAR
Servo Stabilizers	2004-05	13500	Not functioning	ICAR
Hot plate	2004-05	2520	Good condition	ICAR
Micro processor based pH meter	2004-05	10200	Not functioning	ICAR
Onductivity meter	2004-05	10200	Good condition	ICAR
Refrigerator	2004-05	9200	Not functioning	ICAR
Ele. Top Pan Balance	2004-05	95000	Good condition	ICAR
Physical Balance	2004-05	4500	Not functioning	ICAR
Soil Augur	2004-05	2850	Good condition	ICAR
Bouyoucos Hydrometer	2004-05	6500	Good condition	ICAR
Mechanical Stirrer	2004-05	8200	Good condition	ICAR
Colony Counter	2004-05	4500	Good condition	ICAR
Plant Sample Grinder / Laboratory Mill	2004-05	8000	Good condition	ICAR
Hot Water Bath	2004-05	4000	Good condition	ICAR
Horizontal Shaker	2004-05	11000	Good condition	ICAR
Distilled Water Unit	2004-05	7200	Good condition	ICAR
Hot Air Oven	2004-05	10500	Good condition	ICAR
Laboratory Centrifuge	2004-05	9000	Good condition	ICAR

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Sieves	2004-05	1123	Good condition	ICAR
Soil Augur / Sampling Tube (Screw/tube)	2004-05	1700	Good condition	ICAR
Soil Thermometer	2004-05	2712	Good condition	ICAR
Olympus (Microscope) Model ML-14	2004-05	17900	Good condition	ICAR
Olympus (Microscope) Model MS-13	2004-05	26890	Good condition	ICAR
Bod Incubator	2004-05	42000	Not functioning	ICAR
b. Farm machinery				
Tractor operated 9 row seed cum fertilizer drill	2016-17	55,000	Good condition	ICAR
Power weeder	2016-17	42,313	Good condition	ICAR
Tractor operated Rotavator	2016-17	96,900	To be repaired	ICAR
Tractor & accessories	2003-04	2,95,251	Scraped	ICAR
Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Auctioned	ICAR
Cage wheel	2003-04	6,500	Auctioned	ICAR
Terracer blade	2003-04	18,000	Good condition	ICAR
M.B. Plough	2003-04	21,000	Good condition	ICAR
3 bottom ridger	2003-04	10,149	Good condition	ICAR
HD Leveller	2003-04	9,500	Good condition	ICAR
c. AV Aids				
Webcam (2 nos.)	2023-24	2030	Good condition	Govt. of Odisha
Desktop computer	2023-24	43320	Good condition	Govt. of Odisha
Epson Eco tank colour printer	2022-23	12606	Good condition	ICAR
Canon DSLR camara	2022-23	32394	Good condition	ICAR
Wireless mouse	2022-23	487	Good condition	ICAR
LED monitor (4 nos.)	2021-22	10300	Good condition	ICAR
All in one PC	2021-22	47799	Good condition	ICAR
Desktop computer	2021-22	58589	Good condition	ICAR
Pico Projector	2016-17	17,467	Good condition	ICAR
Digital camera	2015-16	17,800	Good condition	ICAR
LCD Projector (BENQ)	2015-16	55,620	Bad condition	ICAR
Television set	2012-13	8,000	Good condition	ICAR
Digital camera (NIKON)	2009-10	15,000	Good condition	ICAR
LCD Projector (Epson)	2006-07	84,710	Good condition	ICAR
Digital camera (NIKON)	2005-06	13,600	Good condition	ICAR
Desktop Computer	2016-17	35,000	Good condition	ICAR
Laptop computer	2015-16	43,790	Good condition	ICAR
Laser Printer (RICCO)	2015-16	6,210	Good condition	ICAR
Laser Printer (HP)	2013-14	12,600	Good condition	ICAR
Digital copier with printer	2010-11	46,385	Good condition	ICAR

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Desktop Computer	2009-10	29,700	Good condition	ICAR
Laptop computer	2006-07	48,600	Bad condition	ICAR
Desktop Computer	2005-06	37,500	Bad condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor operated 9 row seed cum fertilizer drill	2016-17	55,000	Good condition	ICAR
Power weeder	2016-17	42,313	Good condition	ICAR
Tractor operated Rotavator	2016-17	96,900	To be repaired	ICAR
Tractor & accessories	2003-04	2,95,251	Scraped	ICAR
Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Auctioned	ICAR
Cage wheel	2003-04	6,500	Auctioned	ICAR
Terracer blade	2003-04	18,000	Good condition	ICAR
M.B. Plough	2003-04	21,000	Good condition	ICAR
3 bottom ridger	2003-04	10,149	Good condition	ICAR
HD Leveller	2003-04	9,500	Good condition	ICAR
Tractor	2022-23	6,55,297	Good condition	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	29.11.2024	50	Soil and water testing Climate resilient strategies to enhance pulse production Transferable technologies developed by RRTTS, Dhenkanal to be taken under OFT programme. Programme on Bidhan Marigold to be taken up. Demonstration of bio-fortified sweet potato varieties to be taken up. Enhancement of planting material production. Documentation of short videos Assessment of new rice varieties Weed management in oilseed crops Demonstration of OUAT released Sesame varieties Documentation of success stories / successful cases	Included in Action plan 2025-26	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2024)

Sl. No.	Item	Information				
1	Major Farming system/enterprise	Paddy-Groundnut, Paddy-Sesamum, Paddy-Greengram/Blackgram, Groundnut-Groundnut, Paddy-Vegetable /Mushroom and Poultry				
2	Agro-climatic Zone	Mid Central Table Land				
3	Agro ecological situation	6AES 1- RIVER VALLY ALLUVIUM AES 2 - LIGHT TEXTURED LATERITEAES 3 - RED LOAM SOILAES 4 - MEDIUM TEXTURED SANDY LOAMAES 5 - BLACK SOILAES 6 - CLAY & HEAVY CLAY SOIL				
4	Soil type	Red lateritic, sandy loam, alluvial				
5		Vegetables	Fruits	Cereals	Pulses	Oilseeds

Sl. No.	Item	Information				
	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Brinjal-16.9 q/ha	Mango-5.81q/ha	Rice-	Pigeonpea-	Groundnut-
		Tomato-14.26 q/ha	Cashew-0.812 q/ha		Blackgram-	Sesame-
		Cauliflower-15.24 q/ha	Watermelon-18.85q/ha			
6	Mean yearly temperature, rainfall, humidity of the district	Rainfall-767mm,Temperature:Max-(33.45^{0}C)-Min-(21.79^{0}C)				
7	Production of major livestock products like milk, egg, meat etc.	Milk-69.42TMT,Egg-64.42Million,Meat-2138.22MT				

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	Dhenkanal	Sadar	Lambodarpur, Siaria,Tarava, Motori, Majhisahi,Nachipura,Arada, Bhaliabolakateni, kankadapal, Paikadahikar, Talabarkote	Paddy, Mushroom,	Lack of availability of bundle straw	
2	Dhenkanal	Odapada	Paneilo,MahadiaGobindaprasad, Tamanda, Kandabindha,Kalanga, Kamalang, Indipur, Sariapada	Paddy,Goatery	Lack of green fodder and Pasture land	
3	Dhenkanal	Kamakhya nagar	Jaka, Sogar, Jamujhara	Paddy, Blackgram, Greengram, Groundnut	Less irrigated area, unavailability of groundnut seed localy	
4	Dhenkanal	Gondia	Nabalinga, Dandeibereni,	Vegetables	No marketing outlet other than local haats/ weekly markets	
5	Dhenkanal	Bhuban	Bhuban	Paddy, Groudnut, buffalo	Pasture land, silent heat	
6	Dhenkanal	Parjang	Patharkhumba,	Paddy, Mushroom	Unavailability of bundle straw, irrigation	
7	Dhenkanal	Kankadahad	Brahmania, Sahala, Kalashpur, Pakatmunda	Paddy, NTFP, Goatery	Worm infestation, lack of vaccination	
8	Dhenkanal	Hindol	Babandha, Kukupangi, Baghadharia, Jharbeda,	Paddy, NTFP, Fish, palmyra palm	Non utilization of plant products	

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
Kanapala	Kamakhyanagar	OFT, FLD, Training for capacity building
Patrabhaga	Sadar	OFT, FLD, Training for capacity building
Arachua	Gondia	Improved practices for Climate resilient agriculture
Aluajharana	Kamakhyanagar	OFT, FLD, Training for capacity building
Guhaldihi	Sadar	OFT, FLD, Training for capacity building
Mahulpunji	Sadar	OFT, FLD, Training for capacity building
Beguniapal	Sadar	OFT, FLD, Training for capacity building
Ichhapur	Sadar	Improved practices for Climate resilient agriculture
Kakudibhaga	Sadar	OFT, FLD, Training for capacity building

2.1 Priority thrust areas

S. No	Thrust area
1.	Promotion of improved varieties in oilseed and pulse crops.
2.	Focus on cultivation of oilseed and pulse crops in rice – fallow situation.
3.	Promotion of line sowing in oilseed & pulse crops
4.	Introduction and promotion of commercial fruit crops like guava, ber, custard apple, pomegranate etc.
5.	Drip irrigation system with mulching in horticultural crops
6.	Focus on stall feeding model in case of goatery
7.	Promotion of fodder cultivation and hydroponics
8.	Promotion of advanced fingerlings and yearlings production
9.	Value addition of existing fruits and vegetables.
10.	Promotion of training and pruning in fruit orchard
11.	Scientific management of minor forest produces
12.	Promotion of organic agriculture in the district
13.	Promotion of aromatic crops
14.	Promotion of aqua shops in the district.
15.	Climate resilient agriculture

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
14	14	174	20	16	15	17	82	24	117	57	174	28	28	320	20	12	10	17	195	39	252	68	320

Training												Extension activities										
Number of Courses		Number of Participants										Number of activities		Number of participants								
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
99	85	2770	229	157	139	106	908	821	1276	1084	2360	2500	3181	50000	9129	2182	6086	1454	35438	8353	50653	11989	62642

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

Seed production (q)		Planting material (in Lakh)	
Target	**Achievement**	**Target**	**Achievement**
5.0 ha/	5.0ha/75.8	100000	27133, 1q broom grass rhizome
Livestock strains and fish fingerlings produced (in lakh)*		**Soil, water, plant, manures samples tested (in lakh)**	
Target	**Achievement**	**Target**	**Achievement**
	489000 Fish fingerlings (IMC)		
	10,49000 Fry (Nos.) (IMC)		
	552quintals Yearlings(IMC)		
5000	4733 Livestock		

* 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							
Seminar/conference/ symposia papers	2						
Books	3	1500					
Bulletins							
News letter	1	500					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)	1	Mass					
TOTAL	4	2000					

3.1 Achievements on technologies assessed and refined

OFT-1

1.	**Title of On farm Trial**	Assessment of medium duration rice varieties under rainfed condition
2.	**Problem diagnosed**	Less production from existing variety.
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	Farmers Practice (FP): Rice variety Lalat **Technology option-I (TO-I):** Kalinga Dhan 1203 (semi dwarf, duration 135days, avg. yield 55.5t/ha, slender grain and excellent cooking quality) **Technology option-II(TO-II):** Kalinga Dhan 1204 (Duration 132 days, avg. yield- 5.2t/ha, slender grain, excellent cooking quality) **Technology option-III (TO-III):** Kalinga Dhan 1205 (Duration 132 days, avg. yield- 5.2t/ha, slender grain, excellent cooking quality)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	Technology option-I (TO-I)**:** OUAT, 2022 Technology option-II (TO-II)**:** OUAT, 2022
5.	**Production system and thematic area**	Crop production
6.	**Performance of the Technology with performance indicators**	No of EBT/m^2, No of filled grains/panicle, Test weight, Yield& Economics
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Crop production

Problem definition: Reduction in yield due to repeated cultivation of same rice variety, Low yield due to severe incidence of disease and pest, Yield reduction due to dry spell in kharif

Technology assessed:

Technology option-I (TO-I): Kalinga Dhan 1203 (semi dwarf, duration 135days, avg. yield 55.5t/ha, slender grain and excellent cooking quality)

Technology option-II (TO-II): Kalinga Dhan 1204 (Duration 132 days, avg. yield- 5.2t/ha, slender grain, excellent cooking quality)

Technology option-III (TO-III): Kalinga Dhan 1205 (Duration 132 days, avg. yield- 5.2t/ha, slender grain, excellent cooking quality)

Table:

No. of treatments: 7

Treatments	Yield (q/ha)	% change in Yield	No. of effective tillers/hill	Avg. cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C
FP	39.4		9.1	56,637	90,620	33,983	1.6
TO_1	44.2	12.1	14.12	57,112	1,01,660	44,548	1.78
TO_2	42.6	8.12	11.2	57,298	97,980	40,682	1.71
TO_3	41.8	6.09	10.7	58,266	96,140	37,874	1.65

Results: Kalinga Dhan 1203 results significantly higher yield i.e12.1% than farmers variety, Cooking quality is very good & resistant to drought condition.

Good quality photographs of different treatments:

OFT-2

1.	**Title of On farm Trial**	Assessment of high yielding finger millet varieties with nutrient management
2.	**Problem diagnosed**	Low yield of local variety due to non- availability of HYV
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Local variety of finger millet (mota mandia) **Technology option-I (TO-I):** Ragi var. Arjun with application of NPK(40:20:20) kg/ha **Technology option-II (TO-II):**Ragi var. OUAT Kalinga Finger millet-601 (Shreeratna) with application of NPK(40:20:20) kg/ha
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	TO1: OUAT, 2011, TO2:OUAT, 2023
5.	**Production system and thematic area**	Crop production
6.	**Performance of the Technology with performance indicators**	Avg. No. of tillers/hill, Avg. no of grains/panicle, Yield(Q/ha), Net Income, B:C ratio
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Crop production

Problem definition: Low yield of local variety due to non- availability of HYV

Technology assessed:

Technology option-I (TO-I): Ragi var. Arjun with application of NPK (60:30:30) kg/ha

Technology option-II (TO-II): Ragi var. OUAT Kalinga Finger millet-601 (Shreeratna) with application of NPK (80:30:30) kg/ha

Table:

No. of treatments: 7

Treatments	Yield (q/ha)	% change in Yield	Avg. No. EBT/hill	Avg. no. of fingers / ear head	Avg. cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C
FP	10.9		2.2	4.9	33,078	46,325	13,247	1.40
TO_1	13.1	20.18	3.2	7.2	33,500	55,675	22,175	1.66
TO_2	13.6	24.7	3.8	7.8	33,550	57,800	24,250	1.72

Results: In the above trial it was found that performance of yield data of *Shreeratna* is significantly higher yield i.e 20.1% than farmers variety but at par with variety Arjun.Hence, variety shreeratna should be demonstrated in large scale in the district.

Good quality photographs of different treatments:

OFT-3

1.	**Title of On farm Trial**	Assessment of OUAT 4 row bullock drawn seed drill for sowing Ragi
2.	**Problem diagnosed**	1)Due to adverse climatic situation transplanting delayed resulting crop loss and low yield 2)Transplanting is time and labour consuming
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Transplanting **Technology option-I (TO-I):** Sowing behind the plough **Technology option-II (TO-II):** Sowing by OUAT 4 row bullock drawn seed drill
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	OUAT, 2021
5.	**Production system and thematic area**	Farm machinery
6.	**Performance of the Technology with performance indicators**	Field capacity (ha/h), Cost and Labour savings (%), Yield (q/ha), Cost of operation (Rs/ha), Cost of cultivation (Rs/ha), Net return (Rs/ha), BC ratio
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Farm machinery

Problem definition: 1) Due to adverse climatic situation transplanting delayed resulting crop loss and low yield

2)Transplanting is time and labour consuming

Technology assessed:

Technology option-I (TO-I): Sowing behind the plough

Technology option-II (TO-II): Sowing by OUAT 4 row bullock drawn seed drill

Table:

No. of treatments: 7

Technology option	Yield (q/ha)	% increase in yield	Labour req for sowing (MDs/ha)	Labour saving (%)	Cost of sowing / transplanting (Rs/ha)	Cost saving (%)	Net Return (Rs/ha)	B:C
FP	8.9	-	25		10000		16050	1.67
TO-I	8.2	(-)7.8	10	60	6500	35	16400	1.8
TO-II	8.8	(-) 1.1	2.5	90	3500	65	22100	2.26

Results:

Good quality photographs of different treatments:

OFT-4

1.	**Title of On farm Trial**	Assessment of irrigation scheduling on growth and yield of mustard
2.	**Problem diagnosed**	Low yield due to improper irrigation scheduling
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** No irrigation **Technology option-I (TO-I):** One Irrigation at Rosette stage **Technology option-II (TO-II):** One Irrigation at Pod formation **Technology option-III(TO-III):**Two Irrigations (1st at Rosette + 2nd at Pod Formation
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	CSAUAT,2022
5.	**Production system and thematic area**	Water management
6.	**Performance of the Technology with performance indicators**	
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area:

Problem definition: Low yield due to improper irrigation scheduling

Technology assessed:

Technology option-I (TO-I): One Irrigation at Rosette stage

Technology option-II (TO-II): One Irrigation at Pod formation

Technology option-III(TO-III): Two Irrigations (1st at Rosette + 2nd at Pod Formation

Table:

No. of treatments: 7

Treatments	Yield (q/ha)	% change in Yield	Avg. cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C
FP	4.87		36250	53570	17320	1.48
TO_1	5.32	9.24	38750	58520	19770	1.51
TO_2	5.78	18.68	41250	63580	22330	1.54
TO_3	6.35	30.39	43750	69850	26100	1.60

Results:

Good quality photographs of different treatments:

OFT-5

1.	**Title of On farm Trial**	Assessment of different high yielding tomato varieties
2.	**Problem diagnosed**	Low yield in Tomato due to unavailability of summer variety
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Local Variety Laxmi **Technology option-I (TO-I):** Arka Abhed (high yielding F1hybrid, semi determinate, multiple disease resistance fruits are firm, 90-100g), suitable for summer, kharif, rabi 140-150 days,70-75 t/ha **Technology option-II (TO-II):** Arka Vikas (pure line selection, suitable for rainfed and 80-90g, having heat tolerance more than 35degC) **Technology option-III (TO-III):** Arka Vishesh (triple disease resistance F1. plants are semi-determinate with dark green foliage and joint less peduncle recommended for summer, kharif and rabi season.140-150 days. yield 43-90 t/ha
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	IIHR.res.in 2023
5.	**Production system and thematic area**	Varietal evaluation
6.	**Performance of the Technology with performance indicators**	Wt. of fruits/plant (kg), No of fruit/plant (no), Wt of each fruit (g), Yield (q/ha)
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Varietal evaluation

Problem definition: Low yield in Tomato due to unavailability of summer variety

Technology assessed:

Technology option-I (TO-I): Arka Abhed (high yielding F1hybrid, semi determinate, multiple disease resistance fruits are firm, 90-100g), suitable for summer, kharif, rabi 140-150 days,70-75 t/ha

Technology option-II (TO-II): Arka Vikas (pure line selection, suitable for rainfed and 80-90g, having heat tolerance more than 35degC)

Technology option-III (TO-III): Arka Vishesh (triple disease resistance F1. plants are semi-determinate with dark green foliage and joint less peduncle recommended for summer, kharif and rabi season.140-150 days. yield 43-90 t/ha

Table:

No. of treatments: 7

Technology	Yield (q/h)	% change in yield	No. of fruits / plant	Av. Fruit Weight (kg)	Cost of Cultivation(Rs)	Gross return (Rs.)	Net return (Rs.)	B:C
FP	430		47.25	0.07	1,72,500	4,08,500	2,36,000	2.37
TO_1	535	13.83	51.44	0.08	2,02,500	5,08,250	3,05,750	2.51
TO_2	528	12.34	47.78	0.085	2,02,500	5,01,600	2,99,100	2.48
TO_3	523	11.28	50.29	0.08	2,02,500	4,96,850	2,94,350	2.45

Results:

Good quality photographs of different treatments:

OFT-6

1.	**Title of On farm Trial**	Assessment of Papaya hybrids
2.	**Problem diagnosed**	Integrated nutrient management
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Cultivation of EXP-15 hybrids. **Technology option-I (TO-I):** Cultivation of Arka Prabhat, (Av. fruit weight 1.34 kg, Yield / plant 23.79 kg, Fruit length 21.24 cm, Fruit diameter 11.61cm, TSS 7.36 o Bricks) **Technology option-I) (TO-II):** Cultivation of Pusa Dwarf (Dioecious var. dwarf plants and med-sized (1-2 kg) oval fruits. The plant starts bearing from 25 to 30 cm above-ground level and is comparatively drought hardy. Suitable for high density planting)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	**Technology option-I (TO-I):** IIHR, Bangalore, 2017 **Technology option-II (TO-II):** IARI, 2019
5.	**Production system and thematic area**	Integrated nutrient management
6.	**Performance of the Technology with performance indicators**	Days to fruiting, Av. Fruit Weight (kg), No. of fruits /plant, Yield (q/ha), Economics
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Integrated nutrient management

Problem definition: Low yield due to improper nutrient management

Technology assessed:

Technology option-I (TO-I): Cultivation of Arka Prabhat,

(Av. fruit weight 1.34 kg, Yield / plant 23.79 kg, Fruit length 21.24 cm, Fruit diameter 11.61cm, TSS 7.36 o Bricks)

Technology option-I) (TO-II): Cultivation of Pusa Dwarf

(Dioecious var. dwarf plants and med-sized (1-2 kg) oval fruits. The plant starts bearing from 25 to 30 cm above-ground level and is comparatively drought hardy. Suitable for high density planting)

Table:

No. of treatments: 7

Technology	Yield (t/ha)	% change in yield	No. of fruits / plant	Av. Fruit Weight (kg)	Cost of Cultivation(Rs)	Gross return (Rs.)	Net return (Rs.)	B:C
FP	98.50		45.28	0.87	2,87,500	7,88,000	463000	2.42
TO_1	119.20	21.02	39.7	1.2	3,25,000	9,53,600	666100	3.32
TO_2	113.00	14.72	47.57	0.95	3,25,000	9,04,000	616500	3.14

Results:

Good quality photographs of different treatments:

OFT-7

1.	**Title of On farm Trial**	Assessment of different management practices for YSB and Leaf folder in Rice
2.	**Problem diagnosed**	Yield reduced for infestation of pest
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** **Technology option-I (TO-I):** Foliar spray of Flubendiamide 20% WG @ 125 g/ha at the vegetative phase and at flowering stage **Technology option-II (TO-II):** Foliar spray with Tetraniliprole 20SC @ 250 ml/ha at 25, 45 and 65 DAT Technology option-III (TO-III): Soil application twice of (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha at 30 DAT and PI stage
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	**Technology option-I (TO-I):** Dept. of Ento., OUAT, 2023 **Technology option-II (TO-II):** AICRP on Rice, Chiplima, 2023 **Technology option-III (TO-III):** RRTTS, Ranital, OUAT, 2023
5.	**Production system and thematic area**	
6.	**Performance of the Technology with performance indicators**	DH, WEH, Leaf folder infestation %, Egg mass/ hill, Yield, ICBR
7.	**Final recommendation for micro level situation**	Application of Flubendiamide is more effective than other treatments.
8.	**Constraints identified and feedback for research**	Some of the chemicals are not available
9.	**Process of farmers participation and their reaction**	Farmers participated actively and also appreciated by them.

Thematic area: Integrated pest management

Problem definition:

Technology assessed:

Technology option-I (TO-I): Foliar spray of Flubendiamide 20% WG @ 125 g/ha at the vegetative phase and at flowering stage

Technology option-II (TO-II): Foliar spray with Tetraniliprole 20SC @ 250 ml/ha at 25, 45 and 65 DAT

Technology option-III (TO-III): Soil application twice of (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha at 30 DAT and PI stage

Table:

No. of treatments: 7

Treatments	Yield (q/ha)	% change in Yield	Pest Population/hill	Avg. cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C
FP	39.4		5.1	54170	90620	36450	1.66
TO_1	41.8		1.3	54400	96140	41740	1.77
TO_2	42.6		3.6	54807	97980	43173	1.80
TO_3	44.6		3.1	54629	102580	47951	1.89

Results: Application of Flubendiamide is more effective than other treatments.

Good quality photographs of different treatments:

OFT-8

1.	**Title of On farm Trial**	Assessment of management practices against pod borer complex in Greengram
2.	**Problem diagnosed**	Yield loss due to heavy pest attack
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Spraying of Chloropyriphos **Technology option-I (TO-I):** Foliar spray of NSKE 5% at 30 DAS followed by Chlorantraniliprole 18.5 SC @ 200 ml/ha at 45 DAS **Technology option-II (TO-II):** Foliar spray of NEEM OIL 1500PPM @3ml/lit at 30 days after sowing (DAS) followed by Flubendiamide 39.35% SC 200 ml/ha at 45 DAS
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	**Technology option-I (TO-I):** Dept. of Entomology, OUAT, 2023 **Technology option-II (TO-II):** OUAT, AR, 2018
5.	**Production system and thematic area**	Integrated pest management
6.	**Performance of the Technology with performance indicators**	No. of damaged pods/plant, Yield, ICBR
7.	**Final recommendation for micro level situation**	Application of Flubendiamide is more effective than other treatments.
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	Farmers participated actively and also appreciated by them.

Thematic area: Integrated pest management

Problem definition: Yield loss due to heavy pest attack

Technology assessed:

Technology option-I (TO-I): Foliar spray of NSKE 5% at 30 DAS followed by Chlorantraniliprole 18.5 SC @ 200 ml/ha at 45 DAS

Technology option-II (TO-II): Foliar spray of NEEM OIL 1500PPM @3ml/lit at 30 days after sowing (DAS) followed by Flubendiamide 39.35% SC 200 ml/ha at 45 DAS

Table:

No. of treatments: 7

Treatments	Yield (q/ha)	% increase in yield	Damaged pods	Plant height	Grain damage	Avg. cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C
FP	4.2	-	2.7	42.57	3.14	19500	33600	14100	1.72
TO_1	5.2	23.81	1.8	43.8	2.9	22100	41600	19500	1.88
TO_2	5.7	38.10	0.85	45.57	1.57	23300	45600	22300	1.96

Results: Application of Flubendiamide is more effective than other treatments.

Good quality photographs of different treatments:

OFT-9

1.	**Title of On farm Trial**	Assessment of Vermicomposting by different forest leaves
2.	**Problem diagnosed**	Less quantity of house hold waste available and leaves of forest species remain unutilized
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Vermicomposting using of cow dung and other house hold waste **Technology option-I (TO-I):** Vermicomposting using Sal leaf and cow dung **Technology option-II (TO-II):**Vermicomposting using Teak leaf and cow dung **Technology option-III (TO-III):**Vermicomposting using Acacia leaf and cow dung **Technology option-IV (TO-IV):**Vermicomposting using Karanj leaf and cow dung
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	AICRP on Agroforestry, Bhubaneswar-2016
5.	**Production system and thematic area**	Agro-forestry
6.	**Performance of the Technology with performance indicators**	Days to vermicompost formation, Yield of vermicompost kg/m^3
7.	**Final recommendation for micro level situation**	Cultivation of cowpea as intercrop gives better result than other interventions.
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area:

Problem definition: Less quantity of house hold waste available and leaves of forest species remain unutilized

Technology assessed:

Technology option-I (TO-I): Vermicomposting using Sal leaf and cow dung

Technology option-II (TO-II): Vermicomposting using Teak leaf and cow dung

Technology option-III (TO-III): Vermicomposting using Acacia leaf and cow dung

Technology option-IV (TO-IV): Vermicomposting using Karanj leaf and cow dung

Table:

No. of treatments: 7

Technology	Days required for vermi-compost prepn	Nutrient availability	Yield of vermi-compost (kg/q)
FP			
TO_1			
TO_2	On going		
TO_3			
TO_4			

Results: Awaited

Good quality photographs of different treatments:

OFT-10

1.	**Title of On farm Trial**	Assessment of different Eucalyptus clone to enhance productivity
2.	**Problem diagnosed**	Lack of knowledge and awareness of cultivation of clones for higher yield
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Plantation of Eucalyptus seedlings **Technology option-I (TO-I):** Plantation of Eucalyptus clone- IFGTB.-4 in 2mt X 2mt spacing **Technology option-II (TO-II):** Plantation of Eucalyptus clone- IFGTB.-10 in 2mt X 2mt spacing
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	IFGTB, Coimdatore-2011 IFGTB, Coimdatore-2014
5.	**Production system and thematic area**	Agro-forestry
6.	**Performance of the Technology with performance indicators**	Plant height (mt), Diameter (cm), Volume, B:C ratio
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area:

Problem definition: Lack of knowledge and awareness of cultivation of clones for higher yield

Technology assessed:

Technology option-I (TO-I): Plantation of Eucalyptus clone- IFGTB.-4 in 2mt X 2mt spacing

Technology option-II (TO-II): Plantation of Eucalyptus clone- IFGTB.-10 in 2mt X 2mt spacing

Table:

No. of treatments: 7

Technology	Height (mt)	Base dia (mm)	Number of branches	Number of inter nodes	Inter-nodal distance (cm)	Yield	Carbon sequestration
FP	1.25	21	3	9	9.94	Awaited	
TO_1	3.24	32	18.7	26	12.35		
TO_2	4.13	28	22.6	27	12.51		

Results: Awaited

Good quality photographs of different treatments:

OFT-11

1.	**Title of On farm Trial**	Assessment of different housing system on body weight gain performance of goats
2.	**Problem diagnosed**	High mortality due to improper housing management
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** **Technology option-I (TO-I):** Rearing of Goats in Kuccha floor with bamboo platform **Technology option-II (TO-II):** Rearing of Goats in Kuccha floor with bamboo platform
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	**Technology option-I (TO-I):** OUAT Annual report 2022-23 **Technology option-II (TO-II):** OUAT Annual report 2022-23
5.	**Production system and thematic area**	Housing management
6.	**Performance of the Technology with performance indicators**	Weight gain in goats at 3 month, 6 month, 9 month, 12 month, B:C Ratio
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Housing management

Problem definition: High mortality due to improper housing management

Technology assessed:

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

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

Table:

No. of treatments: 7

Treatments	Body weight gain at (3,6,9 and 12 months)	Body weight gain at (3,6,9 and 12 months)	% change in weight	Avg. cost of cultivation (Rs)	Gross Return (Rs)	Net Return (Rs)	B:C
FP	**Continuing**						
TO_1							
TO_2							

Results: Awaited

Good quality photographs of different treatments:

OFT-12

1.	**Title of On farm Trial**	Assessment of inclusion of broken rice as a substitute for maize as feed ingredient in poultry feed formulations on growth of chicks in semi-intensive system of rearing
2.	**Problem diagnosed**	Poor growth rate of growing chicks due to poor feed provision due to high cost of commercially available poultry feed
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Feeding of only broken rice during first 35 days followed by free range feeding. **Technology option-I (TO-I):** Feeding with ground maize 35%,GNOC 23%, fish meal 10%, wheat bran 15%, broken rice 15%, Dicalcium phosphate 1%, vitamins amino acids 1.6%,salt 0.4% **Technology option-II (TO-II):** -Feeding with ground maize 30%,GNOC 23%, fish meal 10%, wheat bran 15%, broken rice 20%, Dicalcium phosphate 1%, vitamins amino acids 1.6%,salt 0.4%
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	ICAR-CIWA, 2016
5.	**Production system and thematic area**	
6.	**Performance of the Technology with performance indicators**	Body weight at 15 days,30 days,45 days, mortality rate.Feed cost/1st month
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Livestock Production management

Problem definition: Poor growth rate of growing chicks due to poor feed provision due to high cost of commercially available poultry feed

Technology assessed:

Technology option-I (TO-I): Feeding with ground maize 35%,GNOC 23%, fish meal 10%, wheat bran 15%, broken rice 15%, Dicalcium phosphate 1%, vitamins amino acids 1.6%,salt 0.4%

Technology option-II (TO-II): -Feeding with ground maize 30%,GNOC 23%, fish meal 10%, wheat bran 15%, broken rice 20%, Dicalcium phosphate 1%, vitamins amino acids 1.6%,salt 0.4%

Table:

No. of treatments: 7

Technology	Feed cost (Rs) during first 35 days	Reduction in feed cost (%)	Body weight at four months (kg)	Gross return (Rs./20 birds)	Net return (Rs./20 birds)	B:C
FP	800		1.16	16780	2800	1.20
TO_1	760	5.26	1.13	16690	6859	1.69
TO_2	650	23.07	1.23	17890	8491	1.90

Results:

Good quality photographs of different treatments:

OFT-13

1.	**Title of On farm Trial**	Assessment of point of discontinuance in Rice fallow management
2.	**Problem diagnosed**	Discontinuance of govt. programmes in rice fallow management
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Farmers keeping areas fallow after rice cultivation **Technology option-I (TO-I):** Farmers cultivating pulses/oilseeds in fallow areas under any govt. (line dept./KVK) assistance/programme **Technology option-II (TO-II):** Farmers discontinue after discontinuance of govt. assistance
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	
5.	**Production system and thematic area**	
6.	**Performance of the Technology with performance indicators**	Adoption index Rejection stage in adoption process (A-I-E-T-A-C) Causes of rejection Extension approach adopted at different stages
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: Rice-fallow management

Problem definition: Discontinuance of govt. programmes in rice fallow management **Technology assessed:**

Technology option-I (TO-I): Farmers cultivating pulses/oilseeds in fallow areas under any govt. (line dept./KVK) assistance/programme

Technology option-II (TO-II): Farmers discontinue after discontinuance of govt. assistance

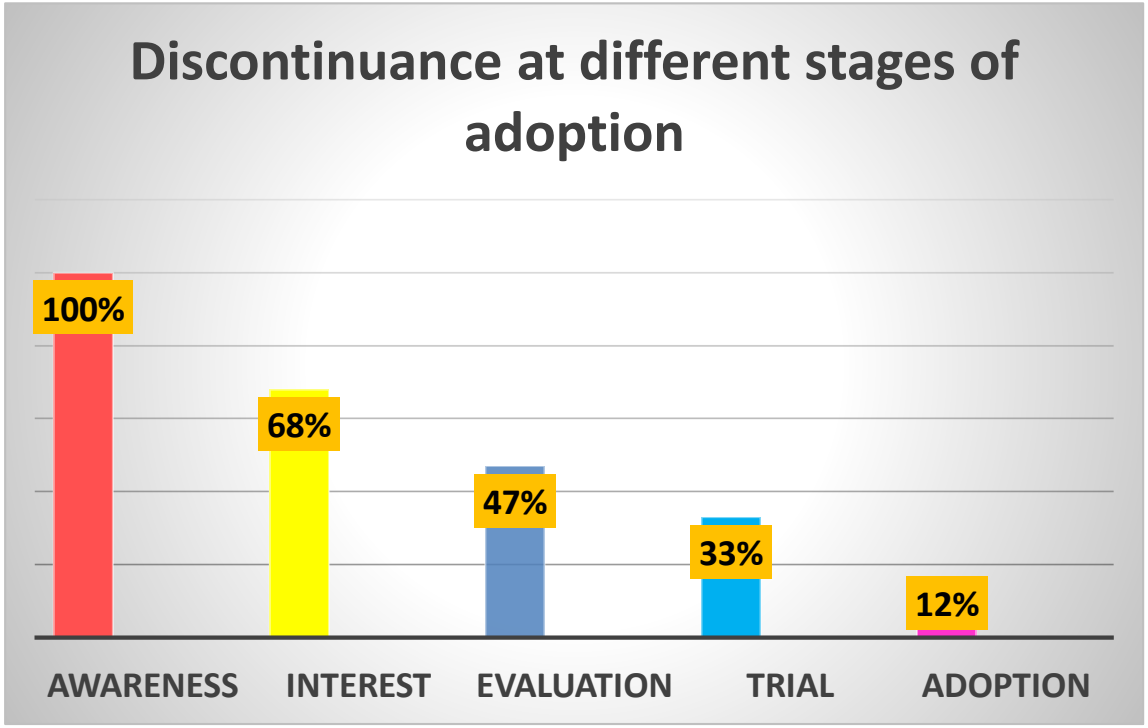
Table:

Achievements

- Increased cropping intensity in some pockets by introducing pulses.
- Enhanced awareness among farmers about rice fallow management practices.
- Marginal improvement in soil fertility where interventions were consistent.

Challenges

- Persistent dependency on subsidies and external technical support.
- Lack of assured irrigation for second-season crops.
- Economic unviability perceived by farmers due to market fluctuations.
- Limited access to quality seeds and timely inputs.



Results:

Good quality photographs of different treatments:

OFT-14

1.	**Title of On farm Trial**	Assessment of suitable marketing strategies for better marketing of high value crops
2.	**Problem diagnosed**	Lack of proper marketing strategy, market intelligence, market price and involvement of middle man in marketing gives less bargaining power and net return in marketing of the produce
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers Practice (FP):** Sell of produce at local market/haat **Technology option-I (TO-I):** Sell to local traders at the farm gate **Technology option-II (TO-II):** Fixing a banner at suitable place, preferably at main road indicating the place of production, mentioning the special quality of the produce (Fresh / sweetness /organic etc.) with catchy captions and picture to attract the costumers
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	
5.	**Production system and thematic area**	MLE
6.	**Performance of the Technology with performance indicators**	Easy to produce, easy to manage, easy to operate, farmers interest to become member, business planning and market linkage with other organization, Total share capital, No. of FIGs, No of members, Meeting status, types of commodity, volume of commodity, annul turnover, annual profit
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: MLE

Problem definition:

Technology assessed:

Technology option-I (TO-I): Sell to local traders at the farm gate

Technology option-II (TO-II): Fixing a banner at suitable place, preferably at main road indicating the place of production, mentioning the special quality of the produce (Fresh / sweetness /organic etc.) with catchy captions and picture to attract the costumers

Table:

Treatments	Avg. Sell Price (Rs. / Kg)	Average Volume Sold (Kg / week)	Cost Involved / week (Transport, packaging, marketing, banner printing), Rs./week	Profitability(Net profit), Rs./week	Farmers share in consumer price(%)
FP	90	42	78	3150	64.28
TO_1	100	123	133	9225	71.42
TO_2	120	145	182	10875	85.71

Results:

Good quality photographs of different treatments:

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

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	IWM	Pre emergence application of Pretilachlor 50 EC @ 1500 ml/ha, fb Penoxulam 1.02 % + Cyhalofop butyl 5.1 % OD @ 2250 ml/ha @ 25 DAT	1ha	1 ha	4	1	-	-	5	-	9	1	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	Clay loam				Rice	10-07-2024	2-11-24		

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 (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Sunflower	IWM	Post emergence application of Quizalofop p-ethyl 5% EC @1.5 ml/lit at 15 DAS followed by one intercultural operations at 30 DAS	10	1	14.4	12.8	12.5	62170	103824	41654	1.67	58329	92160	33831	1.58
Groundnut	ICM	Groundnut var Dharani, 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	10	1	23.2	19.4	19.5	77333	153120	75787	1.98	79037	128040	49003	1.62
Sesame	Varietal evaluative	Demonstration of high yielding variety of sesamum Ashrit	10	1	7.3	5.4	35.1	29728	65700	35792	2.21	28092	48600	20508	1.73
Total			**30**	**3**											

* 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 (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

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

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Rice	IWM	Pre emergence application of Pretilachlor 50 EC @ 1500 ml/ha, fb Penoxulam 1.02 % + Cyhalofop butyl 5.1 % OD @ 2250 ml/ha @ 25 DAT	10	1	42.8	39.2	9.1	Dry wt. of weeds/m^2 17.8g	Dry wt. of weeds/m^2 24.8g	50742	98440	47698	1.94	54975	90160	35185	1.64

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Tomato	Varietal evaluation	Cultivation of tomato variety Kalinga Tomato 121 which is wilt tolerant with an yield potential of 300-350 q/ha	10	1	352	260	35.38	Fruit weight 58g	Fruit weight 40 g	97000	211120	114200	2.18	80000	156000	76000	1.95
Mango and turmeric	Agro forestry system	Var. Roma, seeding rhizome @ 1500kg/ha spacing 60 x 30 cm, fertilizer dose 120:60:60 kg N:P:K per ha, Mango spacing 7mx7m, average yield of turmeric as intercrop 10-15tonnes/ha	10	1ha	132	53	120			95000	396000	301000	4.16	41000	150000	109000	3.65

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Tomato	INM	RDF with use of Arka Vegetable Micronutrient Formulation as spray after flowering @ 10-20 g/litre	10	1ha	555	360	35.38	Fruit weight 58 g	Fruit weight 40 g	2,31,500	5,55,500	3,24000	2.40	1,79100	360000	180900	2.01
Marigold	Varietal evaluation	Demonstration of marigold variety Bidhan marigold 2 for higher yield	10	1ha	138	124	10.14	No. of flower/ plant 28.25	No. of flower/ plant 17.12	80,000	2,76000	196000	3.45	75,000	2,48000	173000	3.31

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Rice	IDM	Seed treatment with (Carboxin 37.5% + Thiram 37.5%) WP @ 2.5 g/kg seed and two sprays of (Trifloxystrobin 25% + Tebuconazole 50% WG) @ 200 g/ha at 15 days interval starting first spray at leaf blast disease appearance	10	1ha	41.6	37.4	11.23			53700	95600	41900	1.78	51800	86020	34220	1.66

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Okra	IPM	Installation of yellow sticky trap @ 50 nos/ha at 25 DAS, foliar spray with Neem oil 1500 ppm @ 3ml/l at 20 and 40 DAS followed by Foliar spray with *Metarrhizium anisopliae* @ (2 x 10^8 cfu) @ 2 g/l water at 40 and 50 DAS	10	0.4ha	135	112	20.53	Fruit infestation / m^2 7.3	Fruit infestation / m^2 11.8	10325	263250	160000	2.5	100200	226240	126040	2.25

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Bitter gourd	IDM	Seed treatment with (Carboxin 37.5% + Thiram 37.5% DS) @ 2 g/kg of seed, three times removal of lower infected leaves & spraying with (Metalxyl 8% + Mancozeb 64% WP) @ 2 g/l alternately with Cymoxanil 8% + Mancozeb 64% WP) @ 2 g/l	10	1ha	11.55	8.67	33.22	No of fruits /plant 15.5	No of fruits/ plant 13.4	73411	173250	99839	2.36	61928	130050	68122	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 (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Water melon	IDM	Rotational spraying of Spinetoram 11.7 SC @1.0 ml/l, Acetamiprid 20 SP @ 0.5 g/l, Fipronil 5% SC @ 1.5 ml/l and Alpha cyhalothrin @ 1.0 ml/l at weekly intervals starting from 20 DAG and growing maize as border crop	10	1ha	242.8	216.1	12.36	-	-	114800	291360	176560	2.5	109200	259320	150120	2.3

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons Ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Sesame	Agroforestry	Cultivation of sesame as intercrop in Cashew plantation (7mt * 7mt spacing) during initial three years of establishment	10	1ha	3.6	-	-	-	-	22000	36000	14000	1.64	-	-	-	-
Broom grass	Income generation	Planting of broom grass root slips in contour lines with a spacing of 2mt x 2mt.	10	1ha	2.6 kg/ plant	-	-	42.5culms / plant	-	45000	112500	75600	2.5	-	-	-	-
Pineapple	Agro forestry	Pine apple suckers were planted in 60cm x 30 cm in raise bed in Mango orchard (10mt X 10mt spacing)	10	1ha	226.7	78.8	186.54			145000	453400	308400	3.13	55000	157600	102600	2.87
	Total																

Crop	Thematic area	Technology demonstrated	No. of demo
Groundnut	Agriculture and allied sector	Providing crop calendar with multi-color pictorial, concise and Season specific message, very informative and particular information regarding specific technology for improving the technical knowhow of farmers.	10

Technology	Yield (q/ha)	% change in Yield	Knowledge gain %
FP	16.3		
RP	18.7	14	42.6

Technology Components	% Adoption Before	% Adoption After	% Increase
Timely Sowing	65%	75%	15%
Recommended Fertilizer	20%	33%	65%
Seed Treatment	35%	60%	71%
Timely weed management	65%	80%	23%
Timely pest management	42%	80%	90%

Crop	Thematic area	Technology demonstrated	No. of demo
Oyster mushroom	Marketing	Progressive farmers designated by an organization as per the domain of specialization serves as an ambassador of change in the process of technology transfer. (Farmer scientist, farmer professor, farm captain, blue farmer of the district, mushroom lady etc.)	20

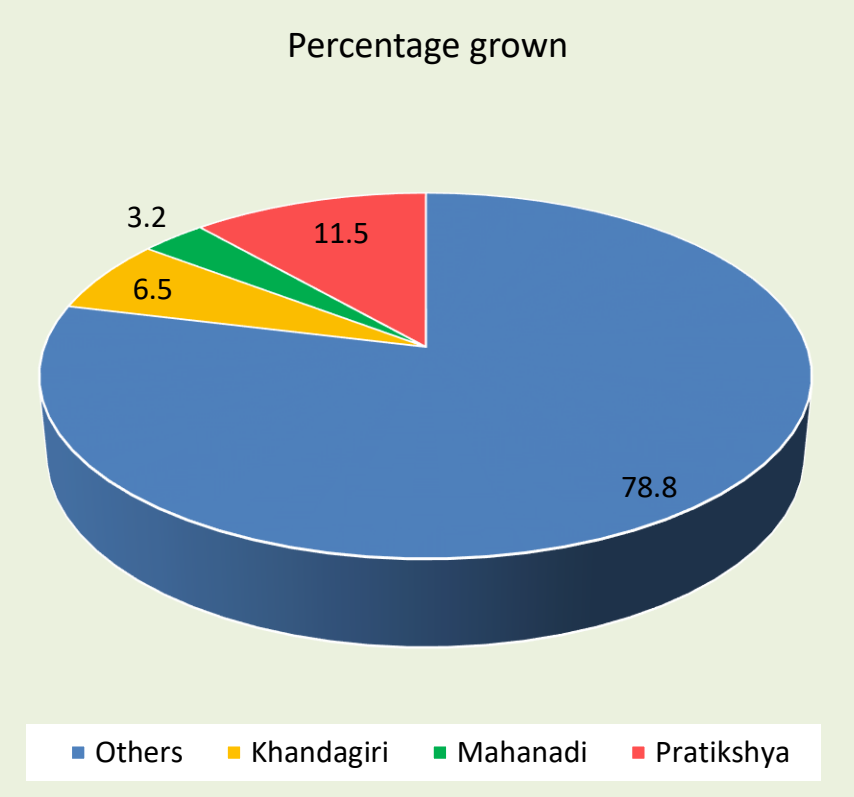
PERCEPTION OF DESIGNATED FARMERS FOR THEIR ROLE IN TECHNOLOGY TRANSFER

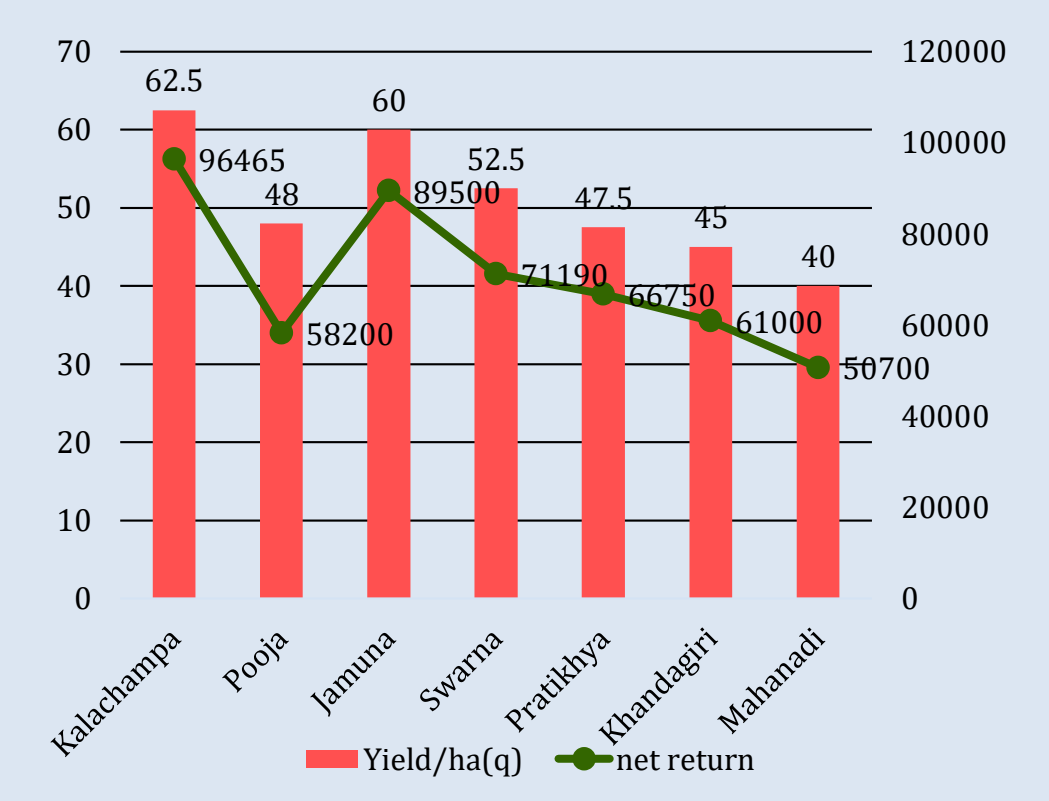
PARAMETERS	Farmers Participation	Mutual trust and respect	Self-satisfaction	Community involvement	Technology adoption
FP	1.85	1.57	1.28	1.71	2
RP	2	1.85	2.14	2.14	2.71

PERCEPTION OF FELLOW FARMERS ON INFLUENCE OF DESIGNATED FARMER IN TECHNOLOGY TRANSFER

Parameters	User friendliness	Information Clarity	Frequency in contact	Interested to adopt the tech.
FP	2.34	2.22	2.17	2.11
RP	2.14	1.77	2.02	1.96

Crop	Thematic area	Technology demonstrated	Sample size
Rice	Impact assessment	Impact study on adoption of OUAT released rice varieties through demonstration	30





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 (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	Feed Management	Demonstration on low cost concentrate mixture on milk production in dairy cows	10	10	Milk production l/day/cow		17.11	Milk fat and SNF %		18100	38500	20400	2.12	17000	28500	11500	1.67
					6.16	5.26		4.76 8.45	3.34 7.56								
Cow																	
Buffalo																	
Poultry	Poultry management	Demonstration of poultry breed-Vezaguda in backyard system	10	10	Body weight at 6 months (kg)		63.63	No. of eggs/ bird/year		3285	16470	13185	5.01	1800	5100	3300	2.83
					1.8	1.1		127	50								
Poultry	Poultry management	Small scale quail farming	10	10	Body weight at 3 months (g)		-	No. of eggs/ 10 bird/3 months		810	1730	920	2.13	-	-	-	-
					Male 280 Female 340	-		330	-								
Rabbitry																	

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 (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Piggery																	
Sheep and goat	Feed management	Effect of mineral mixture supplementation to improve production performance of goat in periparturient period	10	10	Birth weight of kid 1.35 kg	Birth weight of kid 1.01kg	33.66	Body weight of doe after kidding 14.87 kg	Body weight of doe after kidding 13.63 kg	4800	5932	1132	1.23	4492	4637	145	1.03
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	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
		Total															

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

** BCR= GROSS RETURN/GROSS COST

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 (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom																
Button mushroom																

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Vermicompost																
Sericulture																
Apiculture																
Others (pl. specify)																
Total																

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Field capacity (ha/hr)		% change in major parameter	Labor required (man days/ha)		Labour saving %	Cost of sowing/ operation (Rs)		Cost Saving %
					Demonstration	Check		Demonstration	Check		Demo	Check	
Tractor drawn seed cum fertilizer drill for direct seeding of groundnut	Groundnut	Demonstration on Tractor drawn seed cum fertilizer drill for direct seeding of groundnut	10	1ha	0.35	0.05	600	0.36	15	61.9	3430	9000	61.9
Green gram thresher	Green gram	Demonstration on Green gram thresher	10	5ha	21.5	3.75	473.33	0.58	4.44	86.9	800	2220	63.9
Tractor drawn inclined plate planter for line sowing of ragi	Ragi	Line sowing by tractor drawn seed cum fertilizer drill	10	5	8.8	8.9	-1.1	0.36	25	98.6	3432 B:C 2.26	10000 B:C 1.67	65.7

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Field capacity (ha/hr)		% change in major parameter	Labor required (man days/ha)		Labour saving %	Cost of sowing/ operation (Rs)		Cost Saving %
					Demonstration	Check		Demonstration	Check		Demo	Check	
By tractor operated multi crop seed cum fertilizer drill	Rice	Demonstration of tractor drawn multi-crop seed cum fertilizer drill for Direct Seeding of Rice	10	5	33.5	35	-4.3	0.36	30	98.8	3432 B:C 2.2	12000 B:C 1.86	71.4
power operated mahua flower stamen remover of capacity 20kg/hr.	Mahua	Removal of stamen by power operated mahua flower stamen remover of capacity 20kg/hr.	10		20	3.2	525	1	4	75	430	1600	73.13

* 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 (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower	KBSH 78	10	1	1440	1280	12.5	62,170	103824	41,654	1.67
Groundnut										
Soybean										
Others (Pl. specify)										
Total										
Pulses										
Green gram										
Black gram										
Bengal gram										

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Red gram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato	Kalinga Tomato 121	10		352	260	35.38	97000	211200	114200	2.18
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total										
Fodder crops										

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
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

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2024 and Rabi 2023-24:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Sesame var. Suprava, Application of pre and post emergence herbicide, Application of boron, Application of need based PP chemicals	Traditional Maghi rasi	4.1	4.3	3.4	12	Sesame var. Suprava, Application of pre and post emergence herbicide, Application of boron, Application of need based PP chemicals	60	50	6.7	4.2	5.7	(-) 600	(-) 109	37

B. Economic parameters

Sl. No.	**Variety demonstrated & Technology demonstrated**	**Farmer's Existing plot**				**Demonstration plot**			
		Gross Cost (Rs/ha)	**Gross return (Rs/ha)**	**Net Return (Rs/ha)**	**B:C ratio**	**Gross Cost (Rs/ha)**	**Gross return (Rs/ha)**	**Net Return (Rs/ha)**	**B:C Ratio**
1	Sesame var. Suprava,	17630	45000	27370	2.5	20117	57000	36883	2.83

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/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)
1	Sesame var. Suprava,	570	450	100	70	50	Household expenditure	25

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
1	Sesame var. Suprava, Application of pre and post emergence herbicide, Application of boron, Application of need based PP chemicals	Yes	Yes	Yes	No	Yes	No

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Sesame var Suprava	Good	Performed better than local variety	Good variety but fruit shattering is an issue
Application of herbicide Pendimethalin and Imazathapyr	Good	Cost effective and labour saving	Training need to apply in proper way
Micronutrient Boron	Good	Excellent flowering and fruit bearing	Excellent flowering and fruit bearing

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Farmers training and group meeting	Machhia, Nuakastipala	60

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 (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input		357310	
	ii) TA/DA/POL etc. for monitoring		6700	
	iii) Extension Activities (Field day)		2500	
	iv)Publication of literature		10900	
	Total	834000	377410	456590

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Natural Farming													
Production and Management technology													
Nutrient management													
Total (a)													
b) Fruits													

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
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Production and Management technology													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Production and Management technology													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
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													
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													

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
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
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													

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
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost 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
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													

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													
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	2	8	25	33	0	3	3	1	3	4	9	31	40
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													

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
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													
Integrated disease management	1	6	9	15	4	1	5	0	0	0	10	10	20
Bio-pesticides	1	0	15	15	0	3	3	0	2	2	0	20	20
FPO management	1	10	10	20	0	0	0	0	0	0	10	10	20
Total	**5**	**24**	**59**	**83**	**4**	**7**	**11**	**1**	**5**	**6**	**29**	**71**	**100**

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	1	11	9	20	0	0	0	0	0	0	11	9	20
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													

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	1	0	15	15	0	0	0	0	0	0	0	15	15
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	1	4	14	18	1	1	2	0	0	0	5	15	20
Livestock feed and fodder production													
Household food security													
Climate resilience	1	19	1	20	0	0	0	0	0	0	19	1	20
Total	**4**	**34**	**39**	**73**	**1**	**1**	**2**	**0**	**0**	**0**	**35**	**40**	**75**

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	2	24	31	55	1	0	1	4	0	4	29	31	60
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification	1	4	26	30	0	0	0	0	0	0	4	26	30
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	4	55	59	114	2	3	5	1	0	1	58	62	120
Soil & water conservation													

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
Integrated nutrient Management	1	17	8	25	1	0	1	2	2	4	20	10	30
Production of organic inputs	1	1	2	3	23	4	27	0	0	0	24	6	30
Others													
Total	**9**	**101**	**126**	**227**	**27**	**7**	**34**	**7**	**2**	**9**	**135**	**135**	**270**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off season vegetables													
Nursery raising	1	0	0	0	1	29	30	0	0	0	1	29	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	23	0	23	7	0	7	0	0	0	30	0	30
Natural Farming	1	0	0	0	20	10	30	0	0	0	20	10	30
Production and Management technology	2	25	35	60	0	0	0	0	0	0	25	35	60
Nutrient management	1	12	18	30	0	0	0	0	0	0	12	18	30
Total (a)	**6**	**60**	**53**	**113**	**28**	**39**	**67**	**0**	**0**	**0**	**88**	**92**	**180**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	12	18	30	0	0	0	0	0	0	12	18	30
Management of young plants/orchards	1	20	7	27	3	0	3	0	0	0	23	7	30
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													

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
Production and Management technology	1	29	0	29	1	0	1	0	0	0	30	0	30
Total (b)	**3**	**61**	**25**	**86**	**4**	**0**	**4**	**0**	**0**	**0**	**65**	**25**	**90**
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Production and Management technology	1	0	0	0	20	10	30	0	0	0	20	10	30
Total (c)	**1**	**0**	**0**	**0**	**20**	**10**	**30**	**0**	**0**	**0**	**20**	**10**	**30**
d) Plantation crops													
Production and Management technology													
Processing and value addition													
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													

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
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
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													
IV. Livestock Production and Management													
Dairy Management	1	9	4	13	1	3	4	8	5	13	18	12	30
Poultry Management	2	13	30	43	4	4	8	5	4	9	22	38	60
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management	2	45	15	60	0	0	0	0	0	0	45	15	60
Feed & fodder technologies	4	4	52	56	2	26	28	4	32	36	10	110	120
Production of quality animal products													

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
Housing management	1	3	16	19	0	0	0	0	11	11	3	27	30
Total	**10**	**74**	**117**	**191**	**7**	**33**	**40**	**17**	**52**	**69**	**98**	**202**	**300**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance	1	9	13	22	1	1	2	1	5	6	11	19	30
Installation and maintenance of micro irrigation systems	1	17	12	29	0	1	1	0	0	0	17	13	30
Use of Plastics in farming practices													

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
Production of small tools and implements	5	76	59	135	3	2	5	9	1	10	88	62	150
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition	1	27	1	28	2	0	2	0	0	0	29	1	30
Post Harvest Technology													
Others													
Total	**8**	**129**	**85**	**214**	**6**	**4**	**10**	**10**	**6**	**16**	**145**	**95**	**240**
VII. Plant Protection													
Integrated Pest Management	6	34	46	80	67	13	80	15	5	20	116	64	180
Integrated Disease Management	4	59	22	81	11	7	18	11	10	21	81	39	120
Bio control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	**10**	**93**	**68**	**161**	**78**	**20**	**98**	**26**	**15**	**41**	**197**	**103**	**300**
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													

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
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production	3	37	43	80	0	7	7	0	3	3	37	53	90
Apiculture													
Others													
Total	**3**	**37**	**43**	**80**	**0**	**7**	**7**	**0**	**3**	**3**	**37**	**53**	**90**
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	22	8	30	0	0	0	0	0	0	22	8	30
Formation and Management of SHGs	1	3	27	30	0	0	0	0	0	0	3	27	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
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	18	12	30	0	0	0	0	0	0	18	12	30
WTO and IPR issues													
Nutritional garden	1	16	14	30	0	3	3	0	5	5	16	14	30
ICT in agriculture	1	29	0	29	0	0	0	1	0	1	30	0	30
Income Generating Activity for Rural Women	1	0	25	25	0	5	5	0	0	0	0	30	30
ITK in agriculture	1	0	0	0	0	0	0	23	7	30	7	23	30
Total	**7**	**88**	**86**	**174**	**0**	**8**	**8**	**24**	**12**	**36**	**96**	**114**	**210**
XI. Agro forestry													
Production technologies	3	57	15	72	23	7	30	4	7	11	68	22	90
Nursery management													
Integrated Farming Systems	2	16	15	31	11	18	29	0	0	0	27	33	60
Value addition	5	40	51	91	29	0	29	29	1	30	98	52	150
Total	**10**	**113**	**81**	**194**	**63**	**25**	**88**	**33**	**8**	**41**	**193**	**107**	**300**
XII. Others (Pl. Specify)													
GRAND TOTAL													

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	2	36	2	38	2	0	2	0	0	0	38	2	40
Production of organic inputs	1	0	0	0	0	0	0	20	0	20	20	0	20
Planting material production	1	15	5	20	0	0	0	0	0	0	15	5	20
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													

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
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	**4**	**51**	**7**	**58**	**2**	**0**	**2**	**20**	**0**	**20**	**73**	**7**	**80**

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 Pest and Disease Management	1	2	14	16	2	1	3	0	1	1	4	16	20
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	1	10	5	15	0	0	0	0	0	0	10	5	15
Production and use of organic inputs	1	4	12	16	2	1	3	0	1	1	6	14	20
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													

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													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Moisture conservation	1	13	5	18	0	1	1	1	0	1	14	6	20
Agro forestry	1	14	4	18	1	0	1	0	1	1	15	5	20
Total	**5**	**43**	**40**	**83**	**5**	**3**	**8**	**1**	**3**	**4**	**49**	**46**	**95**

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	2	24	31	55	1	0	1	4	0	4	29	31	60
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification	1	4	26	30	0	0	0	0	0	0	4	26	30
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	4	55	59	114	2	3	5	1	0	1	58	62	120
Soil & water conservation													
Integrated nutrient Management	1	17	8	25	1	0	1	2	2	4	20	10	30
Production of organic inputs	1	1	2	3	23	4	27	0	0	0	24	6	30
Others													
Total	**9**	**101**	**126**	**227**	**27**	**7**	**34**	**7**	**2**	**9**	**135**	**135**	**270**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off season vegetables													
Nursery raising	1	0	0	0	1	29	30	0	0	0	1	29	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	23	0	23	7	0	7	0	0	0	30	0	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
Natural Farming	1	0	0	0	20	10	30	0	0	0	20	10	30
Production and Management technology	2	25	35	60	0	0	0	0	0	0	25	35	60
Nutrient management	1	12	18	30	0	0	0	0	0	0	12	18	30
Total (a)	**6**	**60**	**53**	**113**	**28**	**39**	**67**	**0**	**0**	**0**	**88**	**92**	**180**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	12	18	30	0	0	0	0	0	0	12	18	30
Management of young plants/orchards	1	20	7	27	3	0	3	0	0	0	23	7	30
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Production and Management technology	1	29	0	29	1	0	1	0	0	0	30	0	30
Total (b)	**3**	**61**	**25**	**86**	**4**	**0**	**4**	**0**	**0**	**0**	**65**	**25**	**90**
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Production and Management technology	1	0	0	0	20	10	30	0	0	0	20	10	30
Total (c)	**1**	**0**	**0**	**0**	**20**	**10**	**30**	**0**	**0**	**0**	**20**	**10**	**30**
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total (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)													
III. Soil Health and Fertility Management													
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													

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
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management	1	9	4	13	1	3	4	8	5	13	18	12	30
Poultry Management	2	13	30	43	4	4	8	5	4	9	22	38	60
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management	2	45	15	60	0	0	0	0	0	0	45	15	60
Feed & fodder technologies	4	4	52	56	2	26	28	4	32	36	10	110	120
Production of quality animal products													
Housing management	1	3	16	19	0	0	0	0	11	11	3	27	30
Total	**10**	**74**	**117**	**191**	**7**	**33**	**40**	**17**	**52**	**69**	**98**	**202**	**300**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													

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
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance	1	9	13	22	1	1	2	1	5	6	11	19	30
Installation and maintenance of micro irrigation systems	1	17	12	29	0	1	1	0	0	0	17	13	30
Use of Plastics in farming practices													
Production of small tools and implements	5	76	59	135	3	2	5	9	1	10	88	62	150
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition	1	27	1	28	2	0	2	0	0	0	29	1	30
Post Harvest Technology													
Others													
Total	**8**	**129**	**85**	**214**	**6**	**4**	**10**	**10**	**6**	**16**	**145**	**95**	**240**
VII. Plant Protection													
Integrated Pest Management	6	34	46	80	67	13	80	15	5	20	116	64	180
Integrated Disease Management	4	59	22	81	11	7	18	11	10	21	81	39	120
Bio control of pests and diseases													
Production of bio control agents and bio pesticides													

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	**10**	**93**	**68**	**161**	**78**	**20**	**98**	**26**	**15**	**41**	**197**	**103**	**300**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													

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
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	3	37	43	80	0	7	7	0	3	3	37	53	90
Apiculture													
Others													
Total	**3**	**37**	**43**	**80**	**0**	**7**	**7**	**0**	**3**	**3**	**37**	**53**	**90**
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	22	8	30	0	0	0	0	0	0	22	8	30
Formation and Management of SHGs	1	3	27	30	0	0	0	0	0	0	3	27	30
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	18	12	30	0	0	0	0	0	0	18	12	30
WTO and IPR issues													
Nutritional garden	1	16	6	22	0	3	3	0	5	5	16	14	30
ICT in agriculture	1	29	0	29	0	0	0	1	0	1	30	0	30
Income Generating Activity for Rural Women	1	0	25	25	0	5	5	0	0	0	0	30	30
ITK in agriculture	1	0	0	0	0	0	0	23	7	30	23	7	30
Total	**7**	**88**	**78**	**166**	**0**	**8**	**8**	**24**	**12**	**36**	**112**	**98**	**210**
XI. Agro forestry													
Production technologies	3	57	15	72	7	0	7	4	7	11	68	22	90
Nursery management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming Systems	2	16	15	31	11	18	29	0	0	0	27	33	60
Value addition	5	40	51	91	29	0	29	29	1	30	98	52	150
Total	**10**	**113**	**81**	**194**	**47**	**18**	**65**	**33**	**8**	**41**	**193**	**107**	**300**
XII. Others (Pl. Specify)													
GRAND TOTAL	**67**	**756**	**676**	**1432**	**217**	**146**	**363**	**117**	**98**	**215**	**1090**	**920**	**2010**

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	2	36	2	38	2	0	2	0	0	0	38	2	40
Production of organic inputs	1	0	0	0	0	0	0	20	0	20	20	0	20
Planting material production	1	15	5	20	0	0	0	0	0	0	15	5	20
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying	2	8	25	33	0	3	3	1	3	4	9	31	40
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													
Integrated disease management	1	6	9	15	4	1	5	0	0	0	10	10	20
Bio-pesticides	1	0	15	15	0	3	3	0	2	2	0	20	20
FPO management	1	10	10	20	0	0	0	0	0	0	10	10	20
Total	**9**	**75**	**66**	**141**	**6**	**7**	**13**	**21**	**5**	**26**	**102**	**78**	**180**

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	1	11	9	20	0	0	0	0	0	0	11	9	20
Integrated Pest Management	1	2	14	16	2	1	3	0	1	1	4	16	20
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	1	10	5	15	0	0	0	0	0	0	10	5	15
Production and use of organic inputs	1	4	12	16	2	1	3	0	1	1	6	14	20
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs	1	0	15	15	0	0	0	0	0	0	0	15	15
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	1	4	14	18	1	1	2	0	0	0	5	15	20
Livestock feed and fodder production													
Household food security													
Moisture conservation	1	13	5	18	0	1	1	1	0	1	14	6	20
Agro forestry	1	14	4	18	1	0	1	0	1	1	15	5	20
Climate resilience	1	19	1	20	0	0	0	0	0	0	19	1	20
Total	**9**	**77**	**79**	**156**	**6**	**4**	**10**	**1**	**3**	**4**	**84**	**86**	**170**

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	Production technology for HYV rice in irrigated medium land	1	Off	8	22	30	1	0	1
Agronomy	F/FW	Production technology of Arhar in rainfed upland situation	1	Off	4	26	30	0	0	0
Agronomy	F/FW	Integrated weed management in sweet corn	1	Off	14	16	30	5	0	5
Agronomy	F/FW	Integrated nutrient management in greengram in Rabi	1	Off	20	10	30	3	2	5
Agronomy	F/FW	Package and practices for fingermillet cultivation	1	Off	19	11	30	0	0	0
Agronomy	F/FW	Improved production technology for for rabi groundnut	1	Off	6	24	30	0	3	3
Agronomy	F/FW	Organic farming for enhancing pulse production.	1	Off	24	6	30	23	4	27
Agronomy	F/FW	Package of practices for sweet corn cultivation	1	Off	25	5	30	2	0	2
Agronomy	F/FW	Integrated weed management in millets	1	Off	15	15	30	0	0	0
Agronomy	IS	IFS approach for sustainable agricultural production	1	On	11	9	20	0	0	0
Agronomy	IS	Vermicompost, vermin and vermiwash production technology for entrepreneurship development in agriculture	1	Off	6	14	20	2	2	4
Agronomy	RY	Seed production in groundnut	2	Off	18	2	20	2	0	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
Agronomy	RY	Vermicompost, vermin and vermiwash production technology for entrepreneurship development in agriculture	2	Off	20	0	20	0	0	0
Horticulture	F/FW	Adoptions of Natural Farming in Vegetable production.	1	Off	20	10	30	20	10	30
Horticulture	F/FW	Nursery Management for off season vegetable production	1	Off	1	29	30	1	29	30
Horticulture	F/FW	Scientific crop production of Papaya	1	Off	12	18	30	0	0	0
Horticulture	F/FW	Integrated crop Management of Tomato	1	Off	20	10	30	0	0	0
Horticulture	F/FW	Production technology of cole crop cultivation	1	Off	5	25	30	0	0	0
Horticulture	F/FW	Fertilizer Management in Mango Orchard	1	Off	23	7	30	3	0	3
Horticulture	F/FW	Integrated crop Management of marigold	1	Off	20	10	30	20	10	30
Horticulture	F/FW	Protected cultivation of off season vegetables	1	Off	30	0	30	7	0	7
Horticulture	F/FW	Nutrient management of Bitter Gourd.	I	Off	12	18	30	0	0	0
Horticulture	F/FW	Production Technology of Minor Fruits	1	Off	30	0	30	1	0	1
Agril. Engineering	F/FW	Use of tractor operated Rotavator for tillage	1	Off	26	4	30	0	0	0
Agril. Engineering	F/FW	Direct seeding of rice by tractor drawn multi crop planter	1	Off	21	9	30	11	1	12
Agril. Engineering	F/FW	Line sowing of ragi by tractor drawn multi crop planter	1	Off	30	0	30	0	0	0
Agril. Engineering	F/FW	Use of tractor operated multi-crop planter for sowing of groundnut	1	Off	4	26	30	1	0	0

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
Agril. Engineering	F/FW	Use of power weeder for weeding in banana orchard	1	Off	11	19	30	2	6	8
Agril. Engineering	F/FW	Mechanization in rice cultivation	1	Off	7	23	30	0	2	2
Agril. Engineering	F/FW	Threshing of ragi by OUAT mini ragi thresher	1	Off	29	1	30	2	0	2
Agril. Engineering	F/FW	Use of micro irrigation system in horticultural crops	1	Off	17	13	30	0	1	1
Agril. Engineering	IS	Moisture conservation technology in rabi pulses	1	Off	14	6	20	1	1	2
Plant protection	F/FW	Detection and diagnosis of pest and disease of major vegetables and its management	1	Off	27	3	30	27	3	30
Plant protection	F/FW	Management of yellow stem borer in paddy	1	Off	9	21	30	1	2	3
Plant protection	F/FW	Pest of rice crop and its management	1	Off	14	16	30	6	4	10
Plant protection	F/FW	Management of pest and disease in cruciferous vegetables.	1	Off	22	8	30	10	1	11
Plant protection	F/FW	Neck blast management in kharif paddy	1	Off	30	0	30	0	0	0
Plant protection	F/FW	Wilt management in brinjal and tomato	1	Off	23	7	30	15	7	22
Plant protection	F/FW	Management of pests and diseases of cucurbits	1	Off	18	12	30	11	8	19

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	Management of pests and diseases of flower crops	1	Off	19	11	30	5	7	12
Plant protection	F/FW	Pest and disease management in sunflower	1	Off	9	21	30	2	3	5
Plant protection	F/FW	Management of pest and disease in mango	1	Off	27	3	30	27	0	27
Plant protection	IS	Detection and diagnosis of important pest and diseases of major horticultural crops and its management	1	Off	4	16	20	2	2	4
Plant protection	RY	Production of organic pesticides for management of important pets and diseases in major crops	2	On	10	10	20	4	1	5
Plant protection	RY	Training on preparation of bio-pesticides	2	On	0	20	20	3	2	5
Animal Science	F/FW	Clean milk production	1	Off	18	12	30	9	8	17
Animal Science	F/FW	Effect of different housing systems on body weight gain performance of goats	1	Off	3	27	30	0	11	11
Animal Science	F/FW	Different types of fodder production in dairy farming	1	Off	1	29	30	0	6	6
Animal Science	F/FW	Prevention and control of different diseases of cattle having economic impact on dairy sector	1	Off	15	15	30	0	0	0
Animal Science	F/FW	Different diseases of poultry and measures taken for prevention and control of diseases	1	Off	0	30	30	0	0	0

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
Animal Science	F/FW	Production performance of different dual purpose breeds in semi intensive backyard condition	1	Off	14	16	30	9	7	15
Animal Science	F/FW	Effect of mineral mixture supplementation to improve production performance of goat in periparturient period	1	Off	4	26	30	4	26	30
Animal Science	F/FW	Goat meat and meat products	1	Off	0	0	0	0	0	0
Animal Science	F/FW	Low cost concentrate mixtures on milk production in dairy cows	1	Off	2	28	30	2	26	28
Animal Science	F/FW	Inclusion of broken rice as a substitute for maize as feed ingredient in poultry feed formulation	1	Off	3	27	30	0	0	0
Animal Science	F/FW	Small scale quail farming	1	Off	8	22	30	0	1	1
Animal Science	IS	Ethno veterinary medicines	1	On	5	15	20	1	1	2
Animal Science	RY	Silage making for improving milk production	1	On	0	20	20	0	5	5
Animal Science	RY	UMMB supplementation for improving milk yield in dairy cows	1	On	9	11	20	1	1	2
Forestry	F/FW	Package practice of Eucalyptus plantation	1	Off	16	14	30	1	4	5
Forestry	F/FW	Plants suitable for fuel wood, timber and pulp wood	1	Off	2	28	30	0	0	0
Forestry	F/FW	Inter cropping in Mango orchards	1	Off	11	19	30	11	18	29
Forestry	F/FW	Cashew based Agro forestry system	1	Off	16	14	30	0	0	0

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
Forestry	F/FW	Package of practice of Broom grass	1	Off	30	0	30	30	0	30
Forestry	F/FW	Propagation technologies of bamboo.	1	Off	22	8	30	4	3	7
Forestry	F/FW	Importance herbal plants for entrepreneurship development	1	Off	25	5	30	0	0	0
Forestry	F/FW	Preparation of incense stick from locally available raw material	1	Off	29	1	30	29	1	30
Forestry	F/FW	Preparation of Jaggery from Palmyra palm Sap	1	Off	30	0	30	28	0	28
Forestry	F/FW	Preparation of mango split by pit method	1	Off	12	18	30	1	0	1
Forestry	RY	Nursery technique of forest tree species	1	Off	15	5	20	0	0	0
Forestry	IS	Different Agro- forestry models for sustainable land management	1	On	19	1	20	0	0	0
Forestry	IS	Climate resilience practices for Forest and Horticulture Crops	1	Off	15	5	20	1	1	2
Ag. Ext.	F/FW	Crop planning and method of vegetable seedling production for nutritional garden	1	Off	16	14	30	3	5	8
Ag. Ext.	F/FW	Disease and pests in mushroom	1	Off	20	10	30	7	0	7
Ag. Ext.	F/FW	Formation and management of SHG	1	Off	3	27	30	0	0	0
Ag. Ext.	F/FW	Income generating activities for rural women	1	Off	0	30	30	0	5	5
Ag. Ext.	F/FW	Entrepreneurship development among rural youth	1	Off	18	12	30	0	0	0
Ag. Ext.	F/FW	FPO management	1	Off	22	8	30	0	0	0
Ag. Ext.	F/FW	Oyster mushroom production	1	Off	2	28	30	0	0	0
Ag. Ext.	F/FW	Application of ICT in agriculture	1	Off	30	0	30	0	1	1
Ag. Ext.	F/FW	Use of ITKs in agriculture	1	Off	23	7	30	23	7	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
Ag. Ext.	F/FW	Value added product of Oyster mushroom	1	Off	15	15	30	3	0	3
Ag. Ext.	IS	Formation and management of SHG	1	On	0	15	15	0	0	0
Ag. Ext.	RY	Formation and management of FPO	2	On	10	10	20	0	0	0

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	
Groundnut	Seed production	Seed production in groundnut	2	18	2	20	0	0	0	0
Organic production	Organic production	Vermicompost, vermin and vermiwash production technology for entrepreneurship development in agriculture	2	20	0	20	0	0	0	0
Agro forestry	Nursery Technique	Nursery technique of forest tree species	1	15	5	20	0	0	0	0
Dairy	Milk production	Silage making for improving milk production	1	0	20	20	0	0	0	0
Dairy	Feed management	UMMB supplementation for improving milk yield in dairy cows	1	9	11	20	0	0	0	0
Organic pesticide	Organic pesticide	Production of organic pesticides for management of important pets and diseases in major crops	2	10	10	20	0	0	0	0
Bio-pesticide	Bio-pesticide	Training on preparation of bio-pesticides	2	0	20	20	0	0	0	0

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	
Group dynamics	Group dynamics	Formation and management of FPO	2	10	10	20	0	0	0	0
Mushroom	Mushroom Production	Skill training on mushroom production under SCSP	5	8	22	30	Mushroom unit	13	13	0
Apiary	Bee keeping	Skill training on Rearing of honey bee under SCSP	5	0	30	30	0	0	0	0
Poultry	Income Generation	Skill training on poultry rearing under SCSP	5	0	30	30	Poultry unit	7	7	0
Nursery raising	Nursery Raising	Skill training on nursery raising under SCSP	5	12	18	30	0	0	0	0

*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													

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
Other													
Total													
Post-harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total													
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides,													
biofertilizers etc.													

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 & imlements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total													
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total													

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			
1	RPL Training for mushroom grower	Mushroom production	March	6	RY	2	100	Govt. of Odisha
2	Poultry farming for meat production	Poultry farming	June 2024	5	RY	1	20	Govt. of Odisha
3	Commercial/Paddy straw mushroom production	Mushroom production	July, 2024	5	RY	1	20	Govt. of Odisha
4	Nursery raising of vegetables	Nursery raising	July, 2024	5	RY	1	20	Govt. of Odisha
5	Scientific Bee Keeping	Bee Keeping	August, 2024	5	RY	1	20	Govt. of Odisha
6	Poultry farming for meat production	Poultry farming	August, 2024	5	RY	1	20	Govt. of Odisha
7	Year round stunted fingerlings/ yearlings production	fingerlings/ yearlings production	September, 2024	5	RY	1	20	Govt. of Odisha
8	Oyster mushroom production for sustainable entrepreneurship	Mushroom production	October, 2024	5	RY	1	20	Govt. of Odisha
9	Scientific Bee Keeping	Bee Keeping	November, 2024	5	RY	1	20	Govt. of Odisha
10	Poultry farming for meat production	Poultry farming	December, 2024	5	RY	1	20	Govt. of Odisha
11	Scientific Bee Keeping	Bee Keeping	January, 2025	5	RY	1	20	Govt. of Odisha

b) Details of participation

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													
Mushroom production	2	27	64	91	2	7	9	0	0	0	29	71	100
Total	2	27	64	91	2	7	9	0	0	0	29	71	100
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													

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
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	27	64	91	2	7	9	0	0	0	29	71	100

Good quality photographs of training activity:

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

Nature of Extension Activity	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	8	117	283	400	8	3	5	8	120	288	408
Kisan Mela	8	2112	1102	3214					2112	1102	3214
Kisan Ghosthi	7	375	265	640					375	265	640
Exhibition	9		0	Mass					0	0	Mass
Film Show	12	312	288	600					312	288	600
Method Demonstrations	32	292	68	360	18	7	4	11	299	72	371
Farmers Seminar	8	92	68	160		0	0	0	92	68	160
Workshop	2	105	95	200		0	0	0	105	95	200
Group meetings	34	982	718	1700		0	0	0	982	718	1700
Lectures delivered as resource persons	42	1093	1007	2100		0	0	0	1093	1007	2100
Advisory Services	44	41738	5002	46740		0	0	0	41738	5002	46740
Scientific visit to farmers field	268	364	205	569	18	7	4	11	371	209	580
Farmers visit to KVK	2485	1253	1232	2485					1253	1232	2485
Diagnostic visits	128	185	184	369	6	3	2	5	188	186	374
Exposure visits	26	312	208	520					312	208	520
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	0	0	0	0		0	0	0	0	0	0
Animal Health Camp	2	78	22	100		0	0	0	78	22	100
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0

Nature of Extension Activity	Nature of Extension Activity No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	8	55	185	240	0	0	0	0	55	185	240
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	20	210	390	600	0	0	0	0	210	390	600
Mahila Kisan Divas	1	0	30	30	0	0	0	0	0	30	30
Mandia diwas	1	12	18	30		0	0	0	12	18	30
Vigilance awareness week	3	84	56	140		0	0	0	84	56	140
Parthenium awareness week	3	75	15	90		0	0	0	75	15	90
Ek ped maa ke naam	12	328	322	650		0	0	0	328	322	650
Vanomohatsav	1	14	16	30		0	0	0	14	16	30
PM Kissan	3	295	155	450		30	20	50	325	175	500
PM KUSUM	1	45	5	50		0	0	0	45	5	50
Krishi Choupal	4	75	15	90		0	0	0	75	15	90
Any Other (Specify)	0	0	0	0	0	0	0	0	0	0	0
Total	**3172**	**50603**	**11954**	**62557**	**50**	**50**	**35**	**85**	**50653**	**11989**	**62642**

Nature of Extension Activity	No. of activities

Newspaper coverage	20
Radio talks	4
TV talks	4
Popular articles	0
Extension Literature	4
Other, if any	

B. Other Extension activities

Good quality photographs of Extension activity:

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	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 (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Grand Total											

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	Barkha, Snow ball	1070	2675	08	02	02	00	08	02	18	04
Cabbage	Rareball	1350	3375	03	00	02	00	30	05	35	05
Tomato	Sahoo, Armani, Indam	3898	9745	04	00	02	00	39	04	45	06
Brinjal	Akshita	5372	13430	5	02	-	-	75	18	80	20
Chilli	VNR-305, Chulbuli, Tejashree	5820	14550	4	0	2	0	39	04	45	06
Onion											
Others											
Knolkhol	Early Samrat	610	1525	3	1	1	0	10	2	14	04
Fruits											
Mango	Amrapalli,Dasheri	795	35775	8	2	2	0	8	02	18	04
Guava	VNR-Bihi, L-49	120	6000	02	00	01	00	16	01	19	01
Lime	K. Lime gootee	378	18900	03	01	01	00	10	02	14	04
Papaya	Red Lady, Arka Surya, Arka Prabhat	1750	43750	06	00	02	00	22	02	30	04
Banana											
Others											
Pomegranate	Bhagwa	200		02	01	01	00	12	02	15	03
Pineapple sucker	Queen	500	5000	02	00	00	00	08	00	10	00
Ornamental plants											
Marigold (OP)	Mayura	4220	8440	04	00	02	00	39	04	45	06
Marigold	Inca	1000	6000	5	02	0	0	75	18	80	20

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
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Teak		50	650	0	0	0	0	20	5	20	5
Others, pl. specify											
Broom grass rhizome		1quintal	5000								
Total											

Good quality photographs of planting materials:




Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers										
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, please specify. (Vermicompost)	610kg	12,200	18	28	8	0	49	9	75	37
Total	610kg	12,200	18	28	8	0	49	9	75	37

Good quality photographs of bio-products:

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	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											
Duals (broiler and layer)	Kaveri,, Aseel	4773		22	06	-	-	116	03	138	09
Japanese Quail											
Turkey											
Emu											

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings	IMC	489000		03	00	-	-	62	00	65	00
Spawn											
Fry (No.s)	IMC	10,49000		04	00	-	-	73	00	77	00
Yearlings	IMC	552quintals		02	00	-	-	43	00	45	00
Grand Total											

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 2021-22						
Summer/Spring 2023						
Kharif 2023						
Rabi 2022-2023						

iii) Financial Progress

Fund received (2020-21, 2021-22, 2022-23 and 2023-24)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. 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	

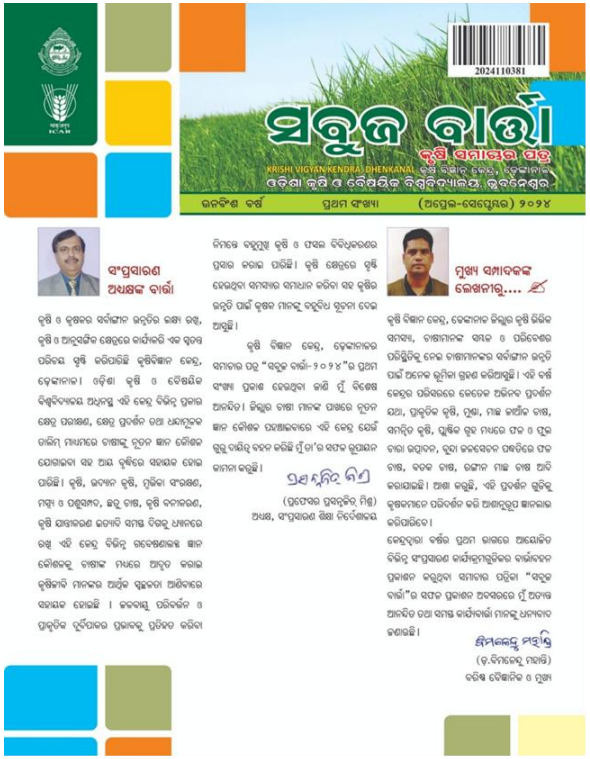
3.6. (A) Literature Developed/ Published (with full title, author & reference)

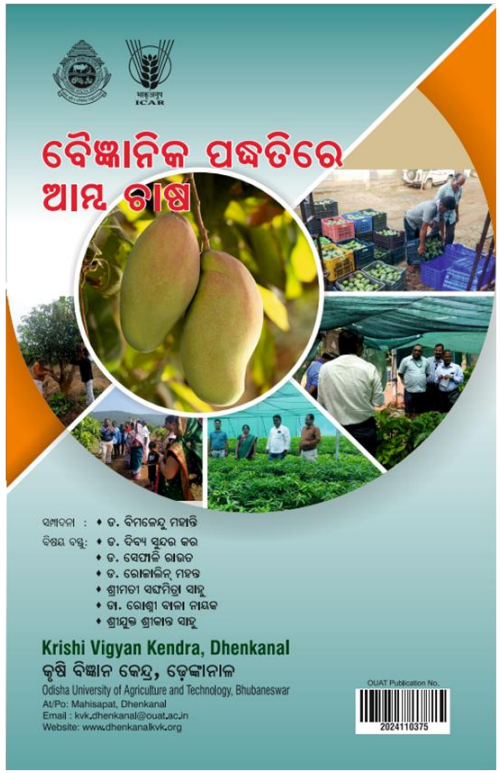
Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers	1.Climate change strategies through cultivation of draught tolerant rice variety Swarna Shreya in Dhenkanal district 2.Mushroom Cultivation: A Pathway to sustainable Agri-food system	S. Swain, Dr. D.S. Kar, Dr R. Mohanta, Dr. B. Mohanty, A. Khuntia Dr R. Mohanta, Dr. B. Mohanty, Dr. D.S. Kar, S. Swain, A. Khuntia	1 1	Mass
Books				
Bulletins				
News letter	Sabuja Barta	Dr. B. Mohanty, Dr. R. Mohanta, Dr. D.S.Kar, Dr. S. Rout, Smt. S. Sahoo, Sri. S. Sahu, Dr. R. Nayak	500	500
Popular Articles				
Book Chapter				

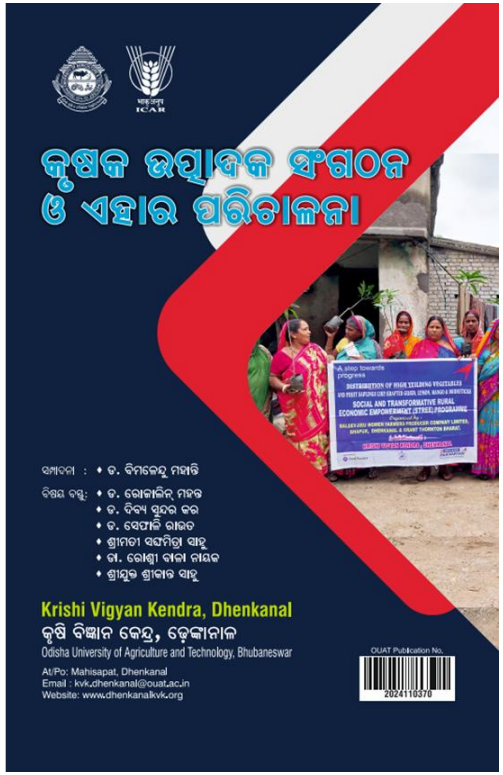
Item	Title	Author's name	Number	Circulation
Extension Pamphlets/ literature	Booklet on FPO Management	Dr. R. Mohanta, Dr. B. Mohanty, Dr. D.S.Kar, Dr. S. Rout, Smt. S. Sahoo, Sri. S. Sahu, Dr. R. Nayak	500	1500
	Booklet on Mango production in the district	Dr. D.S.Kar, Dr. B. Mohanty, Dr. R. Mohanta, Dr. S. Rout, Smt. S. Sahoo, Sri. S. Sahu, Dr. R. Nayak	500	
	Booklet on Seed production on Sesame	Sri. S. Sahu, Dr. D.S.Kar, Dr. B. Mohanty, Dr. R. Mohanta, Dr. S. Rout, Smt. S. Sahoo, , Dr. R. Nayak	500	
Technical reports	Annual Action Plan SCSP Action plan CFLD Oilseeds Report OMV reports Information to be provided by KVKs FPO Reports MPR AEMPR Quarterly Progress Report Annual Report DEE format 100 days activity report PM Kisan report Vigilance Awareness report Parthenium week report Swachhata activity Report Krishi choupal report		Around 100	

Item	Title	Author's name	Number	Circulation
	SAC report RE Proceedings RF Report etc.			
Electronic Publication (CD/DVD etc.)	Success story of Meena Rout		1	Mass
TOTAL				

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







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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.		Workshop on Agroforestry for carbon markets : Unlocking economic value through ecosystem services.	Dr. Sefali Rout, Scientist (Forestry)	27.02.2024 to 28.02.2024	OUAT, Bhubaneswar
2.		Training cum workshop on Drone technology and its application in agriculture.	Dr. Sefali Rout, Scientist (Forestry)	2.12.2024 to 3.12.2024	ICAR-IIWM, Bhubaneswar
3.		International conference on Building small holder climate resilience for achieving sustainable food systems.	Dr. Sefali Rout, Scientist (Forestry)	17.09.2024 to 19.09.2024	OUAT, Bhubaneswar
4.		7th International conference on Agriculture for Food Security and Nutrition: Vision 2025.	Dr. Sefali Rout, Scientist (Forestry)	17.01.2025 to 19.01.2025	OUAT, Bhubaneswar
5.		Enhancing crop productivity , profitability and environmental sustainability through organic and Natural Farming	Sri Srikant Sahoo Scientist (Agronomy)	20.03.2025 to 21.03.2025	OUAT, Dept of Agronomy Bhubaneswar
6.		Recent advances in implementatable pest management technologies	Sanghamitra Sahoo Scientist (Plant Protection)	11.02.2025 to 12.02.2025	OUAT, Dept of Entomology, Bhubaneswar
7.		Natural Farming under National Mission On Natural Farming	Sanghamitra Sahoo Scientist (Plant Protection)	04.03.2025 to 07.03.2025	Sambhav, Nayagarh
8.		Workshop on Natural Farming	Sanghamitra Sahoo Scientist (Plant Protection)	14.06.2024	MANAGE, HYBD
9.		Building small holder climate resilient for achieving sustainable food systems	Dr Dibya Sundar Kar Scientist (Horticulture)	17th – 19th Sept 2024	OUAT, BBSR

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
10.		Refresher training on livestock husbandry: a promising avenue for livelihood enhancement	Dr Roshni Bala Nayak Scientist (Animal Sc)	6th -8th Nov 2024	OUAT, C.V.Sc & AH, OUAT
11.		Recent advances in fruit production	Dr Dibya Sundar Kar Scientist (Horticulture)	17th & 18th Dec 2024	CA Chipilima, Sambalpur
12.		Agroforestry for carbon marketing unlocking economics value through eco system services	Dr Dibya Sundar Kar Scientist (Horticulture)	27th & 28th Feb 2025	OUAT, BBSR
13.		Resource management for climate resilient sustainable food production system	Dr Dibya Sundar Kar Scientist (Horticulture)	6th & 7th March 2025	OUAT, BBSR
14.		Natural Farming under National Mission On Natural Farming	Dr Dibya Sundar Kar Scientist (Horticulture)	10.03.2025 to 13.03.2025	Sambhav, Nayagarh
15.		Building small holder climate resilient for achieving sustainable food systems	Dr Rojalin Mohanta Scientist (Agril. Extension)	17th – 19th Sept 2024	OUAT, BBSR
16.		New cutting age technology for mushroom cultivation	Dr Rojalin Mohanta Scientist (Agril. Extension)	23rd to 25th February, 2025	OUAT, BBSR

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

Name of farmer	Sri Pranshu Dash
Address	At- Dolar, PO- Mandara, Gondia, Dhenkanal Odisha
Contact details (Phone, mobile, email Id)	8249438269
Landholding (in ha.)	10ha own, 320ha leased in
Name and description of the farm/ enterprise	Cashew, Rice, Vegetables, Dairy, Mango, Apiary, Fishery

Economic impact	By adopting various new technologies like Canopy management of cashew, drone technology, CB dairy farming, high valued horticulture, his net income has enhanced from 6 lakhs/annum in 2019 to 53.5 lakhs/annum during 2024. From cashew he is earning Rs. 3500000.00 similarly from rice Rs. 250000.00, from vegetables Rs. 450000.00, from mango Rs. 600000.00, From fishery, apiary and dairy he is earning Rs.550000.00 per annuam.
Social impact	He has brought a positive change not only in agriculture but also in the livelihood of local people by creating employment opportunity for 47 people in his farm.
Environmental impact	Sri Dash leased in 320ha barren hilly land and converted it into a remunerative cashew orchard. He sat an example for others in the community with promoting a healthier environment and viable agriculture. The crop residues he is using in his own farm.
Horizontal/ Vertical spread	Inspired by Sri Dash 20 farmers in his nearby villages adopted integrated farming to strengthen their livelihood.
Good quality photographs (2-3)	 

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

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

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)

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

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

Sl. No	Name of the Equipment	Qty.

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
0	150	150	350	6	0

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Technical session followed by Farmer scientist interaction and distribution of soil health cards	100	2	Mrs. Jayati Patro Mrs. Archana Puhan	55	550

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
Parthenium Week	3	75	-
Vigillance awareness week	2	100	-
Ek ped Maa ke Naam	9	500	-
Bana Mahotsav	2	200	-

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

Yes	5 Students, 10 weeks

ARS trainees trained	No of days stayed

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

Date	**Name of the person**	**Purpose of visit**
09.05.2024	Dr. Ashok Mishra, Professor & Head, Dept. of Molecular Biology & Biotechnology, OUAT, Bhubaneswar	Courtesy visit ON Breeder seed monitoring prog.
09.05.2024	Dr. Bijay Kumar Mohapatra, Professor & Head, Dept. of Agronomy, Assoc. Director of Research, OUAT, Bhubaneswar	Courtesy visit ON Breeder seed monitoring prog.
09.05.2024	Khyamanidhi Prusty Seed Certification Officer OSSOPCA, Bhubaneswar	Courtesy visit ON Breeder seed monitoring prog.
24.07.2024	Dr. Gouri Shankar Sahu Retd. Professor & Head Dept. of Vegetable Science	Resource person for imparting training

Date	Name of the person	Purpose of visit
	College of Agriculture, OUAT, Bhubaneswar	
20.11.2024	Prof. Mahendra Kumar Mohanty College of Ag. Engineering	Courtesy visit
28.01.2025	Dr. Kartik Chandra Pradhan Scientist (PBG) & Officer in charge AICRP on Groundnut, OUAT, Bhubaneswr	Courtesy visit
30.01.2025	Kutranjay Kujur REWARD, World Bank Consultant	Courtesy visit during visit of World Bank Team to REWARD Watersheds
30.01.2025	Dr. S.K.Khatua Hydrology expert REWARD, Directorate of Soil Conservation and Watershed Development, Odisha, Bhubaneswar	Courtesy visit during visit of World Bank Team to REWARD Watersheds
25.02.2025	Dr. P.K. Mohanty Joint Director, DEE, OUAT, Bhubaneswar	Gender Sensitization workshop

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 (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom production technology	1700	56		
Trellis in creepers	2900	42		
Canopy management in fruit crops	310	35		
Line sowing in groundnut by TD SCF drill	360	12		
Chemical weed management in rice	5800	38		
Fingerlings production technology	42	15		
Intercropping in cashew orchard	380	26		
Vermi-compost preparation using farm waste	3200	45		
Mushroom spawn production	46	8		
Back yard poultry	5200	62		

Solar fencing	1500	45		
Cashew processing	35	11		
Bee keeping	59	15		
Oilseed & pulse crops	4900	36		
Direct Seeded Rice	230	26		
Millet cultivation	2400	42		

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
Mushroom production technology	1700 farmers
Trellis in creepers	650 ha
Chemical weed management in rice	4500 ha
Vermi-compost preparation using farm waste	3200 farmers
Back yard poultry	5200 farmers
Solar fencing	1500 farmers
Oilseed & pulse crops	9500 ha

Give information in the same format as given below

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

Good quality photographs (2-3)	

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
	BPH& WBPH management in rice	Effectively controlled BPH& WBPH in rice	30.2 % increase in yield
	IWM in rice	Wider adoption of herbicide	21% increase in yield
	Introduction of new HYV of rice	Yield enhancement due to use of HYV rice	15% increase in yield
	Triple resistant (early blight, bacterial wilt, leaf curl virus) tomato variety Arka Samrat	Yield enhancement in tomato due to use of triple resistant tomato variety	63.83% increase in yield
	Use of micro irrigation with mulching	Water conservation , less weed and cost saving	18.56% increase in yield
	Pond and feed management in pisciculture	Yield enhancement due to Pond and feed management.	32.38% increase in yield
	IPM in vegetables	Yield enhancement, less pest	36.35% increase in yield
	Artificial brooding management in chicks	Less mortality and more profit	31% increase in yield
	Scientific mushroom cultivation	Yield enhancement, remunerative enterprise for rural youths	65% increase in yield
	Trellis method in bitter gourd, pointed gourd etc.	Less disease pest incidence and higher yield	36.21% increase in yield
	Improved variety seeds (K 6 and K 1812)	Yield enhancement due use of improved varieties	44.8% increase in yield
	Improved variety KBSH 53 seeds	Yield enhancement due use of improved varieties	22.48% increase in yield
	Colony and feed management in honey bee	Yield enhancement, remunerative enterprise for rural youths	42% increase in yield
	IWM in sweetcorn	Effective management of weeds	12% increase in yield
	Bidhan Marigold 2	Yield enhancement, remunerative enterprise for rural youths	14.5% increase in yield

	Canopy management of mango and cashew	Less disease pest incidence and higher yield	48% increase in yield
	Weed management in oilseeds and pulses	Yield enhancement, Effective management of weeds	22% increase in yield

4.4. Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Dept. of Agriculture	Convergence of various developmental programmes, Training, Demonstrations, Field day, Joint field visit, Joint diagnostic visit, RE linkage and other extension activities
Dept. of Horticulture	Convergence of various developmental programmes, Training, Demonstrations, Field day, Joint field visit, Joint diagnostic visit, RE linkage and other extension activities
Dept. of Soil conservation	Convergence of various developmental programmes, Training, Demonstrations, Joint field visit, RE linkage and other extension activities
Dept. of Animal Resource Development	Convergence of various developmental programmes, Training, Demonstrations, Field day, Joint field visit, Joint diagnostic visit, RE linkage, and other extension activities
Dept. of Fishery	Convergence of various developmental programmes, Training, Demonstrations, Field day, Joint field visit, Joint diagnostic visit, RE linkage and other extension activities
Dept. of Forestry	Convergence of various developmental programmes, Training, Demonstrations, Field day, Joint field visit, Joint diagnostic visit, RE linkage and other extension activities
NABARD	Convergence of various developmental programmes, Training, RE linkage and other extension activities
RITE	Convergence of various developmental programmes, RE linkage and other extension activities
OLM	Convergence of various developmental programmes, Training, Demonstrations, Field day, Joint field visit, Joint diagnostic visit, RE linkage and other extension activities
Watershed	Convergence of various developmental programmes, Demonstrations, RE linkage and other extension activities
Land development	Convergence of various developmental programmes, RE linkage and other extension activities
Irrigation department	Convergence of various developmental programmes, RE linkage and other extension activities
Mission shakti	Convergence of various developmental programmes, Training, Demonstrations, Field day, Joint field visit, RE linkage and other extension activities
NGO/FPO/SHG	Technological backstopping, training, demonstration, seed production and other extension activities
CIFA, Bhubaneswar	Procurement of fish seeds and other extension activities
OSSC & OSSOPCA	Sell and procurement of seeds
OAIC & IFFCO	Procurement of agril. inputs
NIPHM & APEDA	Conduct of training and awareness programme
CPDO, CHES, CTCRI, IIHR, NRRI, IIWM, CIWA, AICRPs operating under OUAT	Procurement of agri. inputs, exchange of resource persons, technical support, collaborative demonstrations, training and awareness programmes, exposure visits etc

5.2. List of special programmes undertaken during 2024 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

(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 (Rs.)

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 (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Polyhouse	2010-11	110	Arka rakshak, Early snow ball, Utkal Abha, Swarna Shyamli, Bhagya, Pusa KTS-1, Bhima Dark red	Vegetable seedlings	28,133			Public sale,FLD and OFT
2.	Poultry		36	Aseel, Kadaknath, Chabro, Pallishree, Quail	21 days old chicks	4773			Public sale, FLD
3.	Pisciculture unit	2017-18	12 acre	IMC	Yearlings	552.2 kg			Public sale
4.	Pisciculture unit	2017-18	12 acre	IMC	Fingerling	489000			Public sale
5.	IFS	2011-12	338	IMC	Fry	1049000			Public sale
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Rice	29.07.2024	12.12.2024	5ha	Kalachampa	Foundation Seed	75.8	2,86,750	2,95,620	3.5ha Rice field damaged by wild boar

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.					

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							
2.							

6.4. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.5. Utilization of staff quarters

Whether staff quarters has been completed: Yes

No. of staff quarters:6 nos.

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	QIV	Q V	QVI
Jan-Dec	✓	✓	✓	✓	✓	✓

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current Account KVK Main Account	ADB, Mahisapat, State Bank Of India	College road Dhenkanal	10700059409
Savings Account Revolving Fund	ADB, Mahisapat, State Bank Of India	College road Dhenkanal	30306531704
Current Account CFLD Oilseed	ADB, Mahisapat, State Bank Of India	College road Dhenkanal	41571349171
Current Account	Indian Bank	Rathagada, Infront of LIC Office Dhenkanal	7297593476
Natural Farming	State Bank of India, ADB, Mahisapat	Mahisapat	42008481343

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Sesame	8,34,000 (Both Kharif & Rabi)	-	377410	0	456590
Sesame, Groundnut, Mustard (OMV)	1698000 (Both Kharif & Rabi)	-	1697010	-	Committed liabilities (4,62,756)

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	
No area was allotted during 2024-25					

2019.5. Utilization of KVK funds during the year 2024-25 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	15000	15000	15000
3	HRD	30,000	30,000	30,000
4	Contingencies			
A	Stationary Telephone, Postage and other exp. And office running , Publication including audit fees	300000	300000	300000
B	Meals Refreshment of Trainees , training material	2,25,000	2,25,000	2,25,000
C	FLD	1,13,000	1,13,000	1,13,000
D	OFT	1,12,000	1,12,000	1,12,000
E	SCSP	10,00,000	9,00,000	9,00,000
F	SCSP	900000	900000	900000
G	Swachhta Expenditure	32000	32000	32000
TOTAL (A)		2727000	2627000	2627000
B. Non-Recurring Contingencies				
1	Library	10000	10000	10000
TOTAL (B)		10000	10000	10000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		2737000	2637000	2637000

7.5. Status of revolving fund (Rs. 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	489004	1114335	1221677	50980
2021-22	50,980	2645904	2051308	645576
2022-23	645576	1426723	1866389	205910
2023-24	205910	1850504	1696528	359886
2024-25	359886	1183385	1282263	261008

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 activity	Season	With line department	With ATMA	With both

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

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)

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
26.03.2025		100		

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

Type of message	No. of messages	No. of farmers covered
Crop	18	46,740
Livestock	6	
Fishery	5	
Weather	3	
Marketing	1	
Awareness	8	
Training information	1	
Other	2	
Total	44	46,740

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
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
3	Office Premices
28	Demo Unit cleaning
8	Pond dike cleaning
10	Pond cleaning
7	Vermicomposting
4	Waste Management in campus
2	Rally at Villages
3	Door to door campaign
1	Temple premises cleaning
1	Debate and drawing competition at school
2	Plantation programme at school
2	Block premices cleaning
3	Use of Dustbins
15	Awareness programme
1	Selfie Point
2	School premises cleaning

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance	5	
3. Sanitation and SBM	28	
4. Cleaning and beautification of surrounding areas	16	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	7	
6. Used water for agriculture/ horticulture application	1	
7. Swachhta Awareness at local level	2	
8. Swachhta Workshops	0	
9. Swachhta Pledge	3	
10. Display and Banner	2	
11. Foster healthy competition	0	
12. Involvement of print and electronic media	0	
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	15	
14. No of Staff members involved in the activities	15	
15. No of VIP/VVIPs involved in the activities	0	
16. Any other specific activity (in details)		
Total	**94**	**32,000**

9.6. Observation of National Science day

Date of Observation	Activities undertaken
28.02.2024	Debate and Quiz competetion

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
PM Shree Kendriya Vidyalaya, Dhenkanal	28.08.2024	Environmental awareness	Posters
Agropoltechnic, Dhenkanal	17.09.2024	Environmental awareness	Posters
Saptasajya Govt. High School	08.10.2024	Environmental awareness and swatchata	Posters

Give good quality 1-2 photograph(s)

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman 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)

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 Diwas (Farmer Scientist Interaction)	3	60	-	-

Please provide good quality photographs:

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	Pransu Dash	Dallara, Contact No - 8249438269	Cashew farming in 800acres , Apiary unit of100 bee boxes, Mango cultivation , dairy farming

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.			
2.			
3.			

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created

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

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

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 2024

Progress of DAPST for the year 2024 (Jan. to Dec., 2024)							
Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.				
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.				
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.				
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes				
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.				
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				

	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
	5.9	Animals-small (pig, sheep, goat etc.)	No.				
	5.1	Poultry chicks / duckling etc	No.				
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
	5.14	Large Equipment's / machinery (> Rs. 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 2024-25 (Rs. 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	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.		-		
	1.2	4-10 days	No.	8	4	240	120
	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.	12	3	120	30
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes		4qt Rice Seed		25
	5.2	Seeds (High Value Crops, spices etc.)	Kg		-		
	5.3	Seeds (Root & Tuber Crops)	tonnes		-		
	5.4	Nursery plants	No.		25,000 Nos		
	5.5	Cutting , slips, suckers, etc	No.		500 No		
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets		300 nos mushroom spawn		
	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.		500		
	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 (> Rs. 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.	500			
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 (Rs. In lakh): 9,00,000

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	
Demonstration on Summer Ploughing in rice	125	125	50	15	10	12	7	70	11	97	28	125	Improve the water retention ability of soil and reduce soil erosion
Demonstration on Horticultural production through land embankment development	20	20	07	5	2	-	-	10	3	15	5	20	Higher income per unit area and round the year production
Demonstration on Micro irrigation system (Drip irrigation)	3	3	1.0	-	-	-	-	3	-	3	-	03	Saving water, reduction of weed growth, Increased yield.
Demonstration on Mulching in vegetables	15	15	1.5	2	1	-	-	11	1	13	02	15	Soil moisture conservation, minimizing soil compaction and erosion, decline of weed and increasing in yield.
Demonstration on Farm pond	5	5	2.5	-	-	-	-	5	-	5	0	05	Provide supplemental water for irrigation to crops, even when rainfall is insufficient also pond can be used for fish farming.
Demonstration on Vermi-compost from biodegradable wastes	125	125	125 units	19	07	15	11	36	37	70	55	125	Improve soil health, reduced the need of chemical fertilizers Increase nutrient availability and healthy plant growth

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	
Demonstration on multiple stresses tolerant rice var. Swarna Samriddhi Dhan	25	5	0	15	0	30	0	50	0	50	Drought tolerant, Short duration, less water requirement, resistance to disease and pest attack and high yield.
Demonstration on Drought tolerant rice var. Swarna Shreya	15	0	07	0	0	0	13	0	20	20	Drought tolerant, submergence tolerance and lodging resistance, medium duration, less water requirement, resistance to disease and pest attack and high yielding.
Demonstration on finger millet var. Arjun	01	05	0	0	0	05	0	10	0	10	Low water requirement, more resistant to pest and disease and High yield.
Demonstration on stress tolerant High yielding Cowpea var. "Kashi Kanchan"	12	10	3	9	5	19	4	38	12	50	Short duration, Dwarf and bush type, early flowering, early picking, good quality food and more market demand.
Demonstration on stress tolerant horsegram local variety	03	05	0	06	0	04	0	15	0	15	Drought tolerant, reduce soil erosion, Improve soil fertility and reduced the need of chemical fertilizers and also used for fodder crop Improved livestock health and production.
Demonstration on stress tolerant blackgram var. IPU-11-02 under rice fallow management	20	20	0	0	0	10	10	30	10	40	Short duration (60-65 DAS), drum shaped bold seeds dull black color, good yield.
Demonstration on plantation of fruit plants in homestead land	05	10	5	0	0	25	10	35	15	50	Increase food security, promoting biodiversity and support local economics
Demonstration on drought tolerant/ improved varieties of vegetable (Brinjal, Tomato, Chilli, Cauliflower, Cabbage, Broccoli, Cucumber & Okra)	15	15	0	0	0	21	24	36	24	60	Short duration, less water requirement, resistant to pest and disease attack, good quality food, high yield and high market demand.
Income generation activities through mushroom cultivation (oyster and paddy straw mushroom)	30 units	0	0	0	0	25	05	25	05	30	Recycling of farm residue, additional income, solves unemployment problem & high market demand

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**	
Demonstration on Stress tolerant backyard poultry rearing (Aseel, Kadaknath)	1500 (Aseel and Kaveri)	75 units	75 units	40	35	0	0	0	0	75	0	75	Tolerant to heat stress, resistant to disease, high market demand
Demonstration on low cost poultry house	150	6 units	6 units	03	03	0	0	0	0	03	03	06	Low initial investment, heat stress management, protect against predators, reduce mortality rates
Demonstration on Azolla production as supplementary feed for livestock	-	50 units	50 units	30	20	0	0	0	0	30	20	50	High nutritional value, increased milk production, improved animal health
Demonstration on fish production in farm pond	11,000 fingerlings	6 units	6 units	0	0	0	0	06	0	06	0	06	Additional income and food security

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	
			0	0	0	0	0	0	0	0	0	

Capacity building

Thematic area	**No of Courses**	**No of beneficiaries**								
		SC	**ST**		**Other**			**Total**		
		M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
Capacity building of farmers & farm women on backyard poultry rearing.	1	0	08	0	0	06	11	06	19	25
Capacity building of farmers & farm women on scientific crop production	1	0	0	0	0	14	11	14	11	25
Capacity building of farmers / farm women on mushroom cultivation	1	06	01	0	0	15	03	21	04	25
Capacity building of farmers & farm women on summer vegetable cultivation	1	01	0	0	0	23	01	24	01	25
Capacity building of farmers & farm women on use of micro irrigation system for fruits and vegetable production	1	0	0	0	0	20	05	20	05	25

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC	ST		Other			Total		
		M	F	M	F	M	F	M	F	T
Awareness -Animal health camp	02	37	18	25	02	16	02	78	22	100
Field day- Crop cutting of rice var. Swarna Samriddhi Dhan	01	10	03	05	02	22	8	37	13	50
SWACHHATA HI SEVA - Cleaning and mass plantation programme	02	08	09	-	-	10	23	18	32	50
Exposure visits	1	7	3	4	2		-	34	05	50
Diagnostic field visit-Interact with the farmers & farm women's	23	20	22	10	10	70	23	100	55	155

Detailed report should be provided in the circulated Performa

Technology (ies) popularized/ scaled up during the year

a) Vegetable cultivation under mulching and micro irrigation system

b) Scientific mushroom production (oyster and paddy straw mushroom)

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 Farmer of the District	Pransu Dash	2024-25	OUAT	-	Progressive farmer

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 of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
	a) Maa Sukiabauti FPC			Capacity building				
	b) Modanmohan FPC			Capacity building				
	c) Mahima Alekh FPC			Capacity building				
	d) Baldevjiew Women FPC			Capacity building				
	e) Dharitree FPC			Capacity building				
	f) Saptasajya FPC			Capacity building				
	g) Goldenagro FPC			Capacity building				
	h) Kankadahad Women FPC			Capacity building				
	i) Bhuban FPC			Capacity building				
	j) Chandrasekharjiew FPC			Capacity building				

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
	k) Biswarupa La Fed FPC			Capacity building				
	l) Jay Jagannath FPC			Capacity building				
	m) Maa Dasabhuja FPC			Capacity building				
	n) Maa Hingula FPC			Capacity building				
	o) Maa KalasiDevi FPC			Capacity building				
	p) Arakhpal FPC			Capacity building				
	q) Dhenkanal Innovative FPCL			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 Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year

18. 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)

19. 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 (Rs.)
				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 (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Mushroom Production	RPL Training for mushroom growers	48hrs	2	7	0	0	27	64	29	71	100	5,00,000

20. 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

21. Any other programme organized by KVK, not covered above

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

22. Good quality action photographs of overall achievements of KVK during the year (best 10)