PROFORMA FOR ANNUAL REPORT 2023 (January-December 2023)

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, 2023)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale	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)	15,600-39,100	14.03.2005	Temporary	General
2	Subject Matter Specialist	Srikanta Sahu	Scientist (Agronomy)	MSc (Agronomy)	15,600-39,100	20.11.2009	Temporary	General
3	Subject Matter Specialist	Sanghamitra Sahu	Scientist (Plant protection)	MSc (Ag)	15,600-39,100	29.12.2015	Temporary	SC
4	Subject Matter Specialist	Dr. Sefali Rout	Scientist (Forestry)	Ph. D. (Forestry)	15,600-39,100	05.10.2015	Temporary	General
5	Subject Matter Specialist	Dr. Dibya Sundar Kar	Scientist (Horticulture)	Ph. D. (Hort)	15,600-39,100	21.08.2006	Temporary	General
6	Subject Matter Specialist	Dr. Roshni Bala Nayak	Scientist (Animal Science)	MSc(Animal Sc)	15,600-39,100	07.07.2015	Temporary	General
7	Subject Matter Specialist	Dr. Rojalin Mohanta	Subject Matter Specialist (Ag. Extn.)	Ph. D. (Ag. Extn.)	15,600-39,100	19.08.2005	Temporary	General
8	Programme Assistant	Vacant	-	-	-	-	-	-
9	Computer Programmer	Nihar Ranjan Baral	PA (Computer)	Computer	9300-34,800	06.07.2006	Temporary	General
10	Farm Manager	Swarna Sarika Behera	Farm Manager	MSc (Hort.)	9300-34,800	13.02.2019	Temporary	General
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12	Stenographer	Biraja Prasad Jena	Jr. Steno-cum-Computer Operator	------	5,200-20,200	13.10.2006	Temporary	General
13.	Driver	Khetrabasi Mohanty	Driver-cum-Mechanic	------	5,200-20,200	25.07.2007	Temporary	General
14.	Driver	Nilamadhaba Sahoo	Driver-cum-Mechanic	------	5,200-20,200	25.07.2007	Temporary	General
15.	Supporting staff	AhalyaBaral	Peon-cum-Watchman	-------	4750-14680		Temporary	General
16.	Supporting staff	Dinabandhu Swain	Peon-cum-Watchman	-------	4750-14680	20.12.2007	Temporary	General

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	-	-	-	Ground floor roof casting done on 21.02.2023, column casting of 1st floor is going on	-	Plan area-310	Not under use	ICAR
2.	Farmers Hostel	-	-	-	-	Totally completed	280	Under use	RRTTS building handed over to KVK and renovated under RKVY
3.	Staff Quarters (6)	-	-	-	-	Totally completed	390	Under use	ICAR
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	Totally completed	8790 running feet	Under use	RKVY

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
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	Totally completed	30	Under use	RKVY
9.	Dairy unit	-	-	-	-	-	-	-	-
10.	Poultry unit	-	-	-	-	Totally completed	36	Under use	RRTTS unit handed over to KVK
11.	Goatary unit	-	-	-	-	-	-	-	-
12.	Mushroom Lab	-	-	-	-	-	-	-	-
13.	Mushroom production unit	-	-	-	-	Totally completed	78	Under use	ICAR
14.	Shade house	-	-	-	-	Totally completed	110	Under use	ICAR
15.	Soil test Lab	-	-	-	-	Totally completed		Under use	Equipments – 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	112203	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
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

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor operated Rotavator	2016-17	96,900	To be repaired	ICAR
Tractor & accessories	2003-04	2,95,251	Good condition	ICAR
Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Bad condition	ICAR
Cage wheel	2003-04	6,500	Bad condition	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				
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	Good 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
Desktop Computer	2009-10	29,700	Good condition	ICAR
Laptop computer	2006-07	48,600	Good condition	ICAR
Desktop Computer	2005-06	37,500	Good 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	Good condition	ICAR
Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Bad condition	ICAR
Cage wheel	2003-04	6,500	Bad condition	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

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.	31.01.2024				

** 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 (2023)

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	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Vegetables	Fruits	Cereals	Pulses	Oilseeds
		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 (2023)

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	

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops &enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
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 (2023) for its development and action plan

Name of village	Block	Action taken for development
Bhejiboluo	Gondia	OFT, FLD, Training and Biotech Kisan
Khairabahali	Hindol	OFT, FLD, Training and Biotech Kisan
Badrapali	Sadar	OFT, FLD, Training and Biotech Kisan
Parbatia	Sadar	Cluster Borewell for irrigation, Demostration of Quail,Chabro chicks and mushroom for income generation.OFT on 3-row manual rice transplanter, FLD on management of mushroom beds during summer season, FLD on dual purpose backyard poultry and quail,Distribution of Bina, Sahabhagidhan,DRR-42 and DRR-44 rice varieties under STRV trial, DIstibution of Eucalyptus seedings, Mango split preparation by pit method
Kanapala	Kamakhyanagar	FLD on dual purpose backyard poultry,Khaki Campbell ducks and quail and trainings
Balikiari	Hindol	FLD on nutrition garden for nutrition security of the family, backyard poultry, vegetable cultivation, plant protection measure and training
Brajabiharipur	Odapada	Training, FLD on enterprisers
Gurujangulei	Kankadahad	Training, CFLD, FLD

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.

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
16	16	218	21	4	30	8	130	25	181	37	218	21	21	210	24	7	31	5	134	10	189	21	210

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
78	78	1780	152	42	73	60	776	671	926	854	1780												

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**
200	149	0.6	0.76

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	**Achievement**	**Target**	**Achievement**
	Fingerlings 1.2lacs Fry 9.9lacs Yearlings 487kg Poultry chicks 4752		100

* 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							
Books							
Bulletins							
News letter	1	500					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	2	1000					
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL	3	1500					

3.1 Achievements on technologies assessed and refined

OFT-1

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)**	FP: Local variety of finger millet TO1: Ragi var. Arjun with application of NPK(80:30:30) kg/ha TO2: Ragi var. OUAT Kalinga Finger millet-601 (Shreeratna) with application of NPK(80:30:30) 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: TO1: Ragi var. Arjun with application of NPK(60:30:30) kg/ha

TO2: Ragi var. OUAT Kalinga Finger millet-601 (Shreeratna) with application of NPK(80:30:30) kg/ha

Table:

Technology	No. of trials	Yield (q/ha)	% change in Yield	Avg. No. of tillers/hill	Avg. no. of fingers / ear head	Avg. cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C
FP:	7	10.4		9.2	6.7	24,420	36,400	11,980	1.49
TO1:	7	13.6	30.76	14.14	9.1	24,921	47,600	22,679	1.91
TO2:	7	13	25.0	13.5	8.4	24,594	45,500	20,906	1.85

Results:

Good quality photographs of different treatments:

OFT-2

1.	**Title of On farm Trial**	Assessment of medium duration rice varieties under rainfed condition
2.	**Problem diagnosed**	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
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	FP: Lalat **TO_1**: Kalinga Dhan 1203 (semi dwarf, duration 135days, avg. yield 55.5t/ha, slender grain and excellent cooking quality) **TO_2**: 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)**	**TO1:** OUAT, 2022, **TO2:** 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: TO_1: Kalinga Dhan 1203 (semi dwarf, duration 135days, avg. yield 55.5t/ha, slender grain and excellent cooking quality)
TO_2: Kalinga Dhan 1205 (Duration 132 days, avg. yield- 5.2t/ha, slender grain, excellent cooking quality)

Table:

Results	No. of trials	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)	BC ratio
FP:	7	39.2		10.42	48,392	78,400	30,008	1.62
TO1:	7	43.8	11.73	13.14	49,772	87,600	37,828	1.76
TO2:	7	40.2	2.55	11.7	47,533	80,400	32,867	1.69

Results:

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:

Technology option	No. of trials	Yield (q /ha)	Labour required for sowing (MDs/ha)	% change	Cost of operation (Rs/ha)	% change	Avg. cost of cultivation (Rs/ha)	Net Return (Rs/ha)	BC Ratio
FP:	7	13.2	20		7040		24400	21800	1.89
TO1:	7	9.4	7.5	62.5 (-)	4890	30.5 (-)	22250	10650	1.48
TO2:	7	13.1	3.8	81 (-)	1840	73.9 (-)	19200	26650	2.39

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**	
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:

Technology option	**No. of trials**	**Yield component**			**Disease/ insect pest incidence (%)**	**Yield (q/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		No. of effective tillers/hill	**No. of spikelet per panicle**	**Test wt. (100 grain wt.)**						
FP	7									
TO1	7		Continued…..							
TO2	7									

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 due to Bacterial wilt
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	Farmers Practice (FP): Chiranjeevi Technology option-I (TO-I): OUAT Kalinga Tomato 1 Technology option-II (TO-II): Kalinga Tomato 121
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	TO1: OUAT, 2021 TO2: OUAT, 2021
5.	**Production system and thematic area**	Varietal evaluation
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: Varietal evaluation
Problem definition: Low yield due to Bacterial wilt
Technology assessed: Technology option-I (TO-I): OUAT Kalinga Tomato 1
Technology option-II (TO-II): Kalinga Tomato 121
Table:

Technology option	**No. of trials**	**Yield (q/ha)**	**% change in Yield**	**Fruit weight (g)**	**Avg. cost of cultivation (Rs /ha)**	**Gross Return (Rs/ ha)**	**Net Return (Rs/ha)**	**BC ratio**
FP:	7	260		40	80000	156000	76000	1.95
TO1:	7	380	46.15	70	97000	228000	131000	2.35
TO2:	7	352	35.38	58	97000	211200	114200	2.18

Results:
Good quality photographs of different treatments:

OFT-6

1.	**Title of On farm Trial**	Assessment of foliar application of Boron and Zinc on growth and yield of Mango
2.	**Problem diagnosed**	Low yield due to improper nutrient management
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	Farmers Practice (FP):No foliar application of micronutrients Technology option-I (TO-I): Foliar application of 0.1% Boric acid+ Zinc Sulphate 0.2% Technology option-II (TO-II): Application of IIHR Mango Special @ 5g/lt twice before flowering & twice after flowering.
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	IIHR 2017
5.	**Production system and thematic area**	Integrated nutrient management
6.	**Performance of the Technology with performance indicators**	No. of fruit/plant, fruit size & weight,Yield, 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: Integrated nutrient management

Problem definition: Low yield due to improper nutrient management

Technology assessed: Technology option-I (TO-I): Foliar application of 0.1% Boric acid+ Zinc Sulphate 0.2%

Technology option-II (TO-II): Application of IIHR Mango Special @ 5g/lt twice before flowering & twice after flowering.

Table:

Technology option	No. of trials	Yield	% change in yield	No. of fruit/plant	Fruit size	Cost of cultivation(Rs.)	Gross return (Rs.)	Net return (Rs.)	BC ratio
FP	7								
TO1	7								
TO2	7					**Cont.**			
TO3	7								

Results:

Good quality photographs of different treatments:

OFT-7

1.	**Title of On farm Trial**	Assessment of management of wilt complex in brinjal by using Jivamrit and Bijamrit
2.	**Problem diagnosed**	Yield loss due to high incidence of wilt
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	Farmers Practice (FP): Carbendazim + Mancozeb spraying Technology option-I (TO-I):**Jivamrita Preparation** : Addition of 10 kg Desi cow-dung + cow urine@ 7 lit + Jaggery @ 1kg + Gram flour @ 1kg + Hand full of soil (from base of banyan tree/ pepal tree) @ 50 gm & mix all in a plastic/ cement tank, make the mixture to 200 lit by adding water and keep it for 48 hours under shade. It should be utilized within 7 days only. Technology option-II (TO-II): **Bijamrita Preparation** : Take 5 Kg Desi cow-dung in a cloth and bind it by tape. Hang this in 20 lit water up to 12 hours. Take one lit water and add 50 gm lime in it, let it stable for a night. Then next morning, squeeze the cow-dung bundle in that water thrice continuously, so that all essence of cow dung will accumulate in the water. Then add a handful of soil (from base of banyan tree/ pepal tree) in that water solution and stir it well. Then add 5 lit desi cow urine in that solution & add the lime water and stir it well.
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	Manual of National centre for organic and natural farming
5.	**Production system and thematic area**	Natural farming
6.	**Performance of the Technology with performance indicators**	Disease incidence %, Yield, ICBR, Microbial population
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:

Technology assessed: Technology option-I (TO-I):**Jivamrita Preparation** : Addition of 10 kg Desi cow-dung + cow urine@ 7 lit + Jaggery @ 1kg + Gram flour @ 1kg + Hand full of soil (from base of banyan tree/ pepal tree) @ 50 gm & mix all in a plastic/ cement tank, make the mixture to 200 lit by adding water and keep it for 48 hours under shade. It should be utilized within 7 days only.

Technology option-II (TO-II): **Bijamrita Preparation** : Take 5 Kg Desi cow-dung in a cloth and bind it by tape. Hang this in 20 lit water up to 12 hours. Take one lit water and add 50 gm lime in it, let it stable for a night. Then next morning, squeeze the cow-dung bundle in that water thrice continuously, so that all essence of cow dung will accumulate in the water. Then add a handful of soil (from base of banyan tree/ pepal tree) in that water solution and stir it well. Then add 5 lit desi cow urine in that solution & add the lime water and stir it well.

Table:

Technology option	No. of trials	Yield(q/ha)	Gross cost (Rs)	Gross Income (Rs)	Net Income (Rs)	BC ratio
FP	7	215.3	50000	172240	122240	3.44
TO1	7	208.6	45000	166880	121880	3.70
TO2	7	207.2	45000	165760	120760	3.68

Results:

Good quality photographs of different treatments:

OFT-8

1.	**Title of On farm Trial**	Assessment of IPM practices against stem borer in finger millet
2.	**Problem diagnosed**	Yield loss due to heavy pest attack
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	FP: Spraying of Chloropyriphos TO1- Seed treatment with imidacloprid@14ml/kg seeds and spraying of neem oil 10days after germination TO2 – Spraying of NSKE 5% at 35DAS followed by two foliar spraying of *Bacillus thuringiensis* @ 2g/L at 15-20 days interval
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	TO1: AICRP on Small millets, CPR, Berhampur, 2016 TO2: AICRP on Small millets, CPR, Berhampur, 2016
5.	**Production system and thematic area**	Integrated pest management
6.	**Performance of the Technology with performance indicators**	Yield (q/ha), % change in Yield, Dead heart / m2, Avg. cost of cultivation (Rs/ha), Gross Return (Rs/ha), Net Return (Rs/ha) and 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: Integrated pest management

Problem definition: Yield loss due to heavy pest attack

Technology assessed: TO1- Seed treatment with imidacloprid@14ml/kg seeds and spraying of neem oil 10days after germination

TO2 – Spraying of NSKE 5% at 35DAS followed by two foliar spraying of *Bacillus thuringiensis* @ 2g/L at 15-20 days interval

Table:

Technology option	No. of trials	Yield (q/ha)	% change in Yield	Dead heart / m2	Avg. cost of cultivation (Rs/ha)	Gross Return (Rs /ha)	Net Return (Rs/ ha)	BC ratio
FP	7	10.3		3	25387	36050	10663	1.42
TO1	7	11.69	13.49	1	26187	40915	14728	1.76
TO2	7	10.9	5.8	2.4	26387	38150	11763	1.65

Results:

Good quality photographs of different treatments:

OFT-9

1.	**Title of On farm Trial**	Assessment of intercrops (vegetables) in Cashew based agro-forestry system
2.	**Problem diagnosed**	Low yield due to no fertilizer application
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	Farmers Practice (FP): Mono cropping of Cashew Technology option-I (TO-I): Cultivation of cowpea (45cm x 45cm) in cashew plantation (7m x 7m) Technology option-II (TO-II):Cultivation of okra (45cm x 15cm) in cashew plantation (7m x 7m) Technology option-III (TO-III):Cultivation of brinjal (60cm x 60cm) in cashew plantation (7m x 7m)
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**	Yield of inter crop (q/ha) B:C ratio.
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: INM

Problem definition: Low yield due to no fertilizer application

Technology assessed: Technology option-I (TO-I): Application of 100:25:75 NPK/ clump

Technology option-II (TO-II):Application of 125:30:100 NPK/ clump

Table:

Technology option	No. of trials	Yield of inter crop (q/ha)	Additional cost (Rs./ha)	Gross Income (Rs. / ha)	Net Income (Rs/ ha)	BC Ratio
FP	7	-	-	-	-	-
TO1	7	72.36	24500	57888	33388	2.36
TO2	7	42.16	28400	63240	34840	2.23
TO3	7	78.41	35000	78410	43410	2.24

Results:

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- UK-15 2mt X 2mt spacing

Table:

Technology option	No. of trials	Height	Base dia	Culm dia	Number of branches	Number of inter nodes	Internodal distance	Yield	Carbon sequestration
FP	7								
TO1	7				**contd:...**				
TO2	7								

Results:

Good quality photographs of different treatments:

OFT-11

1.	**Title of On farm Trial**	Assessment of low-cost concentrate mixtures on milk production in dairy cows
2.	**Problem diagnosed**	High rate of concentrate feed
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	Farmers Practice (FP): Feeding of straw and wheat bran/rice polish (100%) Technology option-I (TO-I): Straw + wheat bran (80%) + GNOC (17%) +mineral mixture (2.5%)+Salt(0.5%) Technology option-II (TO-II): Straw + wheat bran (92%) + GNOC (5%)+mineral mixture(2.5%)+Salt(0.5%)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	ICAR-IGFRI-2017,
5.	**Production system and thematic area**	LPM
6.	**Performance of the Technology with performance indicators**	Average daily milk production in kg/day/cow, cost of production/animal Cost of intervention. Additional income over additional investment Yield (cow/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: LPM

Problem definition: High rate of concentrate feed

Technology assessed: Technology option-I (TO-I): Straw + wheat bran (80%) + GNOC (17%) +mineral mixture (2.5%)+Salt(0.5%)
Technology option-II (TO-II): Straw + wheat bran (92%) + GNOC (5%)+mineral mixture(2.5%)+Salt(0.5%)

Table:

Technology option	No. of trials	Milk production(l / day /cow)	Mean Fat and SNF %	Gross return/cow/6 months (Rs.)	Net return/cow/6 months (Rs.)	B:C
FP	7	5.26	3.34 and 7.56	28500	11500	1.67
TO1	7	6.16	4.76 and 8.45	38500	20400	2.12
TO2	7	5.89	4.38 and 7.95	36400	17500	1.92

Results:

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**	Poultry farming, Livestock Production management
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:

Technology option	No. of trials	Feed cost(Rs)	Body Wt. at two months (g)	Gross return (Rs.)/20 birds	Net return (Rs.)/20 birds	B:C
FP	7	1650	615	3444	1794	2.08
TO1	7	2491	875	4900	2409	1.96
TO2	7	2248	987	5527	3279	2.45

Results:

Good quality photographs of different treatments:

				
				
				

OFT-13

1.	**Title of On farm Trial**	Assessment of effectiveness of different extension methods to access information on rice production
2.	**Problem diagnosed**	Poor accessibility to accurate and timely information on technical knowledge for pest management in rice
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	FP: Information from various sources (fellow farmer, extension functionaries, dealers etc) TO_1: FP + Short Video Lecture+ Focus Group discussion TO_2: FP + Using of "rice Xpert" App.
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	TO2: NRRI Cuttack 2017
5.	**Production system and thematic area**	ICT
6.	**Performance of the Technology with performance indicators**	Timely availability, suitability of technology, ease in handling the extension methods, retention and retrieval of the extension method, change in knowledge skill and attitude
7.	**Final recommendation for micro level situation**	
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Thematic area: ICT

Problem definition: Poor accessibility to accurate and timely information on technical knowledge for pest management in rice

Technology assessed: TO_1: FP + Short Video Lecture+ Focus Group discussion

TO_2: FP + Using of "rice Xpert" App.

Table:

Technology option	No. of trials	Timely availability	Sustainability of technology	Ease in handling EM	Retention of information	Retrieval of Information	Change in knowledge	User friendliness
FP	20	21.25	23.75	26.25	10	11.25	22.5	47.5
TO1	20	50	46.25	45	67.5	41.25	48.75	36.25
TO2	20	28.75	30	28.75	22.5	47.5	28.75	16.25

Results:

Good quality photographs of different treatments:

OFT-14

1.	**Title of On farm Trial**	Assessment of the performance of FPOs with varied levels of task and commodity to enhance income
2.	**Problem diagnosed**	Unorganised farmers fetching low price due to distress sale of farm produce
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	FP: Farmers marketing their produce through intermediaries TO1: FPO dealing with single commodity and multiple task TO2: FPO dealing with multiple commodity with single task TO3: FPO dealing with multiple commodity and multiple task
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	
5.	**Production system and thematic area**	
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: FPO management

Problem definition:

Technology assessed: TO1: FPO dealing with single commodity and multiple task

TO2: FPO dealing with multiple commodity with single task

TO3: FPO dealing with multiple commodity and multiple task

Table:

Parameters	**Single commodity single task**					**Single commodity multiple task**					**Multiple commodity multiple task**				
	SAF(%)	**AF(%)**	**DAF(%)**	**MS**	**Rank**	**SAF(%)**	**A F(%)**	**DAF(%)**	**MS**	**Rank**	**SAF(%)**	**AF(%)**	**DAF(%)**	**MS**	**Rank**
Easy to prduce in bulk	6(30)	8(40)	6(30)	2	II	2(10)	9(45)	9(45)	1.65	III	5(25)	12(60)	3(15)	1.5	IV
Easy to sell	8(40)	6(30)	6(30)	2.3	I	5(25)	10(50)	5(25)	2	II	2(10)	8(40)	10(50)	1.6	II
Easy to manage group	4(20)	10(50)	6(30)	1.9	III	3(15)	12(60)	5(25)	2.2	I	3(15)	5(25)	12(60)	1.55	III
Easy to join new members	2(10)	5(25)	13(65)	1.5	V	2(10)	6(30)	12(60)	1.5	V	5(25)	10(50)	5(25)	2	I
easy to develop business plan	0	6(30)	14(70)	1.3	VI	2(10)	5(25)	13(65)	1.45	VI	2(10)	4(20)	14(70)	1.4	V
Easy to implement business plan	1(5)	8(40)	11(55)	1.5	V	3(15)	5(25)	12(60)	1.55	IV	2(10)	6(30)	12(60)	1.5	IV
easy to develop market linkage	2(10)	9(45)	9(45)	1.7	IV`	1(5)	5(25)	14(70)	1.35	VII	3(15)	6(30)	11(55)	1.6	II

Results:
Good quality photographs of different treatments:

OFT-15

1.	**Title of On farm Trial**	Assessment of low cost feed formulation for rural poultry
2.	**Problem diagnosed**	
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	FP: Feeding of broken rice and concentrate feeding for one and half month with open grazing (from 4-9 weeks) TO1: Low cost feed (brewer's dried grain(10%), cashew apple waste, rice kani, cowpea leaves, un-conventional cereal - ragi) TO2: Low cost feed (brewer's dried grain(20%), cashew apple waste, rice kani, cowpea leaves, un-conventional cereals- ragi)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	
5.	**Production system and thematic area**	
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: FPO management
Problem definition:
Technology assessed: TO1: FPO dealing with single commodity and multiple task
TO2: FPO dealing with multiple commodity with single task
TO3: FPO dealing with multiple commodity and multiple task
Table:

Technology option	No. of trials	Feed cost (Rs/ kg)	Feed consumption (g)	Body Wt. Gain (kg)	FCR	Gross return (Rs./ 20 birds)	Net return (Rs. / 20 birds)	B:C
FP	7	34	3086	1.065	2.87	4692	1093	1.30
TO1	7	30.5	3185	1.063	2.99	4663	1220	1.35
TO2	7	28.5	3178	1.043	3.04	4633	1322	1.39

Results:
Good quality photographs of different treatments:

OFT-16

1.	**Title of On farm Trial**	Assessment of weed management in onion
2.	**Problem diagnosed**	
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	FP: Hand weeding TO1: Application of oxyflurofen @ 0.05 kg/ha before planting with one hand weeding at 40-60 days after planting TO2: Combined application of Oxyfluorfen 23.5% EC @1ml/litre + Quizalfop ethyl 5%EC @ 2ml/litre at 20-25 DAT & 30-35 DAT
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	
5.	**Production system and thematic area**	
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: FPO management

Problem definition:

Technology assessed: TO1: FPO dealing with single commodity and multiple task

TO2: FPO dealing with multiple commodity with single task

TO3: FPO dealing with multiple commodity and multiple task

Table:

Technology option	No. of trials	Weed control efficiency	Bulb weight(g)	Yield(q/ha)	% change	Gross income(Rs/ha)	Net income(Rs/ha)	B:C
FP	7	89.8	65	206		206000	131000	2.75
TO1	7	77.3	71	224	8.7	224000	147000	2.91
TO2	7	82.1	82	262	27.2	262000	173000	2.94

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.															
2.															
3.															
4.															

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					

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

Total															

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (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(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	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	54,4	47.2	15.25	7.3	24	53,833	103,360	49,527	1.92	51,245	89,680	38,435	1.75
Sweet corn	IWM	Post emergence application of Tembotrione 100g/ha + Atrazine 500g/ha at 20 DAS+ one hand weeding at 40DAS	10	1	76.2	67.6	12.72	16.2	49.2	67.733	1,52,400	84,667	2.25	74,285	1,35200	60,915	1.82

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Bitter Gourd	INM	Application of 75% RDF + vermicompost (2.5ton / ha) + Azotobator : Azospirillum : PSB @1:1:1 @ 4 kg/ha applied 3 time (basal, 30 days & 45 days) resulted maximum yield in bitter gourd)	10	1	11.55	8.67	33.22	37.13 Fruit wt.	32.14	51500	173250	121750	2.36	42000	130050	88050	2.10
Onion	IWM	Combined application of Oxyfluorfen 23.5% EC @1ml/litre + Quizalfop ethyl 5%EC @ 2ml/litre at 20-25 DAT & 30-35 DAT	10	1	Cont.												

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	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	1	578.2	280.9	105.83	70 Fruit wt(g)	58			408000	2.40			180900	2.01
Marigold	Varietal Evaluation	Bidhan Marigold 2	10	1	138	124	11.29	28.25Flower/plant	17.12			196000	3.45			173000	3.31
Rice	IPM	Skip row planting (after 3 m) Flonicamid + Fipronil @ 400g a.i./ha to be sprayed twice i.e. at 35 and 50 DAT giving better than flonicamid and fipronil alone	10	1	45	40	12.5	3-4% Yield loss due to pest infestation	10-30 %	47,700	85,500	37,800	1.79	57,650	76,000	18,500	1.32

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cabbage	IPM	Alternate spraying of Neem oil 5% and spinosad 4 SC @125ml/ha	10	0.6	259.6	250.5	3.63			53000	181720	128720	3.43	51500	175350	123850	3.40

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Maize	IPM	Seed treatment with (Cyzapyr + Thiomethoxam) @ 6 ml/ kg seed + Installation of bird perches up to 45 DAS + Foliar application of Tetraniliprole @ 200 ml/ ha at 30 days after sowing (DAS) + Whorl application and field placement of Poison baits (10 kg rice bran + 2 kg jaggery + 2-3 L of water + 100 g Thiodicarb) at 45 DAS	10	0.6	73.8	67.6	9.17	1.8 **Pest Infestation/ m2**	4.5	81098	147600	66502	1.82	78150	135200	57050	1.73

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mango	IDM	Spray with Hexaconazole 5% SC @ 0.05% at pea stage followed by spraying of (Tebuconazole 50% + Trifloxystrobin 25% WG) @ 0.1% after 15 days and 3rd spray at 30 days prior to harvest again with Hexaconazole 5%SC followed by post-harvest hot water dip treatment (52^{0}C for 10 min)	10	1	75	56.25	33.33	18 PDI (%)	32.6	48500	150000	101500	3.09	40300	112500	72200	2.79

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Broom grass	Production system	Planting of broom grass root slips in contour lines with a spacing of 2mt x 2mt.	10	0.4			Conted….										
Mango and Pine apple	Agro forestry	Pine apple suckers were planted in 60cm x 30 cm in raise bed in Mango orchard (10mt X 10mt spacing)	10	0.2			Contenued….										
Cashew and Sesame	Agro forestry	Cultivation of sesame as intercrop in Cashew plantation (7mt X 7mt spacing) during initial three years of establishment	10	2.0	5.6	-	-	-	-	24000	44800	20800	1.8	-	-	-	-

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
palmyra palm	Valuadditio n	Demonstration on Preparation of molasses from palmyra palm sap	10		200 Sap per plant (l)	-	-	20	-	3000	5000	2000	1.67	-	-	-	-
Mango and black gram	Agroforestry	Demonstration of black gram as intercrop in Mango Based Agroforestry System	10	2.0	2.55	-	-	-	-	10280	20400	10120	1.98	-	-	-	-

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(wt of dry weeds)		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Pigeon pea		Providing crop calendar with multi colour pictorial, concise and Season specific message, very informative and particular information regarding specific technology for improving the technical know how of farmers.	10	10	11.49	7.9	45.44	30 Adoption %		30500	91920	61420	3.01	26800	63760	36960	2.37
	Total																

Livestock

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

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	Animal Nutrition Management	UMMB contains molasses 40%, Urea 10% salt 5%, mineral mixture 10%, deoiled wheat/rice bran 15%, rice polish 10%, lime 5% and GNOC 5% .Each block weighs about 3kg.	10	10	**11.57 Avg. daily milk yield in kg**	10.5	10.19	-	-	17778	69480	51702	3.90	16800	63000	46200	3.75
Dairy	Feed management	Demonstration on bypass fat feeding@ 15-20g/kg milk/ day and mineral mixture supplementation @ 50g/cow/day in dairy cows	10	10	7.2 **Avg. milk yield/ cow/ day**	6.5	10.77	3.6 **Milk fat and SNF%**	3.2	230	360	130	1.56	220	292	72	1.32
Cow																	
Buffalo																	

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
Poultry	Poultry management	Demonstration on Aseel in backyard rearing system	10	10	1.8 Bwt at 6 months (kg)	1.1	63.64	5.2 Mortality %	40	3285	16470	13185	5.01	1800	5100	3300	2.83
Poultry	Poultry management	Demonstration of poultry breed- OUAT Kalinga Palishree in backyard system	10	10	1395 Body weight at 45 days (g)	945	47.62	-	-	3060	7812	4752	2.55	3060	5292	2232	1.72
Rabbitry																	
Pigerry																	
Sheep and goat																	
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)**	**Filed observation (output/man hour)**		**% change in major parameter**	**Labor reduction (man days)**				**Cost reduction (Rs./ha or Rs./Unit)**			
					Demonstration	**Check**									

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									
Mini Ragi thresher cum pearler	Ragi	Demonstration of mini thresher cum pearler (It is operated by 1.0 hp electric motor)	10	4	15.2 Field capacity (kg/hr)	2.5	508	1		5	80%	500		1760	

* 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										

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
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total										
Pulses										
Green gram										
Black gram										
Bengal gram										
Red gram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total										
Commercial 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
Cotton										
Coconut										
Others (Pl. specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total										

Good quality photographs of FLDs

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	-	4	240	
2.	Farmers Training	-	23	575	
3.	Media coverage	-	-	-	
4.	Training for extension functionaries	-	-	-	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2023 and Rabi 2022-23:

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	Sunflower	Local variety	9.7	-	-	-	Hybrid varity KBSH-53	50	20	13.5	9.8	11.88	-	-	-
2	Pigeon pea(pulse)	Local variety	7.97	123	382	703	Seed var. LRG-52 Seed treatment with rhizobium culture @ 10ml/kg seeds,application of Imazethapyr @ 1lt/ha,Neem Oil 1.5 l/ha,boron @ 900g/ha,trichocard @3nos/ha,Emamectin benzoate @ 200g/ha,Thiamethoxam @200g/ha	100	40	13.25	7.5	11.49	286	-	50
3	Groundnut	Local variety	15.4	-	-	-	High yielding variety Kadiri—Lepaxi-1812	25	10	24.9	21.9	23.4	-	-	-
4	Sesame	Local variety -Black seeded	4.3	4	3.2	8	Smarak and High yielding variety with seed treatment,weedicide application, micronutient	25	10	6.4	4.5	5.43	476	130	29

							application								

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	Sunflower Hybrid varity KBSH-53	25900	48480	22580	1.87	28800	59380	30580	2.06
2	Pigeon pea(pulse) Seed var. LRG-52 Seed treatment with rhizobium culture @ 10ml/kg seeds,application of Imazethapyr @ 1lt/ha,Neem Oil 1.5 l/ha,boron @ 900g/ha,trichocard @3nos/ha,Emamectin benzoate @ 200g/ha,Thiamethoxam @200g/ha	26800	63760	36960	2.37	30500	91920	61420	3.01
3	Groundnut High yielding variety Kadiri—Lepaxi-1812	40600	77020	36420	1.8	44500	117020	72520	2.62
4	Sesame Var-Smarak and High yielding variety with seed treatment,weedicide application, micronutient application	21300	30580	9280	1.24	24500	38010	13510	1.55

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	Sunflower Hybrid varity KBSH-53	59380	1187.7	50	0	0	Economic development	30
2	Pigeon pea(pulse) Seed var. LRG-52 Seed treatment with rhizobium culture @ 10ml/kg seeds,application of Imazethapyr @ 1lt/ha,Neem Oil 1.5 l/ha,boron @ 900g/ha,trichocard @3nos/ha,Emamectin benzoate @ 200g/ha,Thiamethoxam @200g/ha	1149	800	80	50	299	Economic development	35
3	Groundnut High yielding variety Kadiri—Lepaxi-1812	58510	2120.2	50	134.2	86	Economic development	35
4	Sesame Var-Smarak and High yielding variety with seed treatment,weedicide application, micronutient application	543	400	70	15	133	Economic development	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	Sunflower Hybrid varity KBSH-53	Suitable	-	70	No	Yes	No
2	Pigeon pea(pulse) Seed var. LRG-52 Seed treatment with rhizobium culture @ 10ml/kg seeds,application of Imazethapyr @ 1lt/ha,Neem Oil 1.5 l/ha,boron @ 900g/ha,trichocard @3nos/ha,Emamectin benzoate @ 200g/ha,Thiamethoxam @200g/ha	Suitable	Yes	Yes	No	Yes	-
3	Groundnut High yielding variety Kadiri—Lepakshi-1812	Suitable	-	50	Unavailability of seed in local	Yes	Steps for seed availability
4	Sesame Var-Smarak and High yielding variety with seed treatment,weedicide application, micronutient application	Suitable	yes	yes	No	Yes	Variety is highly appreciated by farmer only issue is fruit shattering

Quality Photographs of CFLD Oilseed and Pulse

E. Specific Characteristics of Technology and Performance

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

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field days- 4		240

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	364000	364000	0
	ii) TA/DA/POL etc. for monitoring	44000	44000	0
	iii) Extension Activities (Field day)	2000	2000	0
	iv)Publication of literature	-	-	-
	Total	410000	410000	0

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	1	**13**	**12**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**13**	**12**	**25**
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													

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	1	13	12	25	0	0	0	0	0	0	13	12	25
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													

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
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management 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													

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 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	1	0	0	0	16	9	25	0	0	0	16	9	25
Total	**1**	**0**	**0**	**0**	**16**	**9**	**25**	**0**	**0**	**0**	**16**	**9**	**25**
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													

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
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	3	9	35	44	9	11	20	5	6	11	23	52	75
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total	**3**	**9**	**35**	**44**	**9**	**11**	**20**	**5**	**6**	**11**	**23**	**52**	**75**
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													

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 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													
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													

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													
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	**5**	**22**	**47**	**69**	**25**	**20**	**45**	**5**	**6**	**11**	**52**	**73**	**125**

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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													

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													

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	12	1	13	2	0	2	0	0	0	14	1	15
Integrated Pest Management	1	7	8	15	0	0	0	0	0	0	7	8	15
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements	1	13	1	14	0	1	1	0	0	0	13	2	15
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	3	40	5	45	0	0	0	0	0	0	40	5	45
Total	**6**	**72**	**15**	**87**	**2**	**1**	**3**	**0**	**0**	**0**	**74**	**16**	**90**

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													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	3	36	34	70	2	2	4	0	1	1	38	37	75
Soil & water conservation													
Integrated nutrient Management	2	38	8	46	1	1	2	2	0	2	41	9	50
Production of organic inputs	1	18	6	24	1	0	1	0	0	0	19	6	25
Others													
Total	**6**	**92**	**48**	**140**	**4**	**3**	**7**	**2**	**1**	**3**	**98**	**52**	**150**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	2	16	8	24	0	1	1	3	22	25	19	31	50
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables	1	12	13	25	0	0	0	0	0	0	12	13	25
Grading and standardization													
Protective cultivation													
Others	1	15	6	21	4	0	4	0	0	0	19	6	25
Total (a)	**4**	**43**	**27**	**70**	**4**	**1**	**5**	**3**	**22**	**25**	**50**	**50**	**100**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	2	1	3	0	0	0	18	4	22	20	5	25

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
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	1	10	2	12	5	8	13	0	0	0	15	10	25
Micro irrigation systems of orchards													
Plant propagation techniques													
Others	1	16	0	16	1	0	1	8	0	8	25	0	25
Total (b)	**3**	**28**	**3**	**31**	**6**	**8**	**14**	**26**	**4**	**30**	**60**	**15**	**75**
c) Ornamental Plants													
Nursery Management	1	6	5	11	0	14	14	0	0	0	6	19	25
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others	1	11	9	20	1	4	5	0	0	0	12	13	25
Total (c)	**2**	**17**	**14**	**21**	**1**	**18**	**19**	**0**	**0**	**0**	**18**	**32**	**50**
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology	1	1	24	25	0	0	0	0	0	0	1	24	25
Processing and value addition													
Others													
Total (e)	**1**	**1**	**24**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**24**	**25**
f) Spices													
Production and Management technology	1	8	17	25	0	0	0	0	0	0	8	17	25
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)	**1**	**8**	**17**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**17**	**25**
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	**11**	**97**	**85**	**172**	**11**	**27**	**38**	**29**	**26**	**55**	**137**	**138**	**275**
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	2	2	46	48	0	0	0	0	2	2	2	48	50
Poultry Management	1	16	9	25	0	0	0	0	0	0	16	9	25
Piggery Management													
Rabbit Management													
Animal Nutrition Management	2	42	8	50	0	0	0	0	0	0	42	8	50
Disease Management	2	37	12	49	1	0	1	0	0	0	38	12	50
Feed & fodder technologies	2	12	32	44	4	2	6	0	0	0	16	34	50
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
Others													
Total	**9**	**109**	**107**	**216**	**5**	**2**	**7**	**0**	**2**	**2**	**114**	**111**	**225**
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	1	19	6	17	-	-	-	-	-	-	19	6	25
Use of Plastics in farming practices	2	13	11	24	1	21	22	3	1	4	17	33	50
Production of small tools and implements	2	10	40	50	0	0	0	0	0	0	10	40	50
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post Harvest Technology													
Others													
Total	**5**	**42**	**57**	**91**	**1**	**21**	**22**	**3**	**1**	**4**	**46**	**79**	**125**
VII. Plant Protection													
Integrated Pest Management	7	98	63	161	3	1	4	7	3	10	108	67	175
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others	3	36	36	72	3	0	3	0	0	0	39	36	75
Total	**10**	**134**	**99**	**233**	**6**	**1**	**7**	**7**	**3**	**10**	**147**	**103**	**250**
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	1	0	25	25	0	0	0	0	0	0	0	25	25
Mobilization of social capital	1	20	5	25	0	0	0	0	0	0	20	5	25
Entrepreneurial development of farmers/youths	3	16	34	60	3	12	15	0	0	0	19	56	75
WTO and IPR issues													
Others													
Total	**5**	**36**	**64**	**110**	**3**	**12**	**15**	**0**	**0**	**0**	**39**	**86**	**125**
XI. Agro forestry													
Production technologies	4	38	23	61	10	7	17	22	0	22	70	30	100
Nursery management													
Integrated Farming Systems	2	13	12	25	0	0	0	4	21	25	17	33	50
Others	4	23	64	87	4	8	12	1	0	1	28	72	100
Total													
XII. Others (Pl. Specify)													

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
GRAND TOTAL	**56**	**584**	**559**	**1135**	**44**	**81**	**125**	**68**	**54**	**122**	**696**	**704**	**1400**

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	1	4	11	15	0	0	0	0	0	0	4	11	15
Commercial fruit production	1	12	3	15	1	3	4	0	0	0	12	3	15
Integrated farming	1	9	6	15	0	0	0	0	0	0	9	6	15
Seed production													
Production of organic inputs	1	13	1	14	1	0	1	0	0	0	14	1	15
Planting material production	1	0	15	15	0	0	0	0	0	0	0	15	15
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	1	15	0	15	0	0	0	0	0	0	15	0	15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													

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 quality animal products													
Dairying	2	15	14	29	0	1	1	0	0	0	15	15	30
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others	3	30	0	30	5	10	15	0	0	0	35	10	45
Total	**11**	**98**	**50**	**148**	**7**	**14**	**21**	**0**	**0**	**0**	**104**	**61**	**165**

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													

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 Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total													

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	1	13	12	25	0	0	0	0	0	0	13	12	25
Resource Conservation Technologies													

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
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	3	36	34	70	2	2	4	0	1	1	38	37	75
Soil & water conservation													
Integrated nutrient Management	2	38	8	46	1	1	2	2	-	2	41	9	50
Production of organic inputs	1	18	6	24	1	0	1	0	0	0	19	6	25
Others													
Total	**7**	**100**	**55**	**155**	**4**	**3**	**7**	**2**	**1**	**3**	**106**	**59**	**165**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	2	16	8	24	0	1	1	3	22	25	19	31	50
Off-season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables	1	12	13	25	0	0	0	0	0	0	12	13	25
Grading and standardization													
Protective cultivation													
Others	1	15	6	21	4	0	4	0	0	0	19	6	25
Total (a)	**4**	**43**	**27**	**70**	**4**	**1**	**5**	**3**	**22**	**25**	**50**	**50**	**100**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	2	1	3	0	0	0	18	4	22	20	5	25
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Export potential fruits	1	10	2	12	5	8	13	0	0	0	15	10	25
Micro irrigation systems of orchards													
Plant propagation techniques													
Others	1	16	0	16	1	0	1	8	0	8	25	0	25
Total (b)	**3**	**28**	**3**	**31**	**6**	**8**	**14**	**26**	**4**	**30**	**60**	**15**	**75**
c) Ornamental Plants													
Nursery Management	1	6	5	11	0	14	14	0	0	0	6	19	25
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others	1	11	9	20	1	4	5	0	0	0	12	13	25
Total (c)	**2**	**17**	**14**	**21**	**1**	**18**	**19**	**0**	**0**	**0**	**18**	**32**	**50**
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology	1	1	24	25	0	0	0	0	0	0	1	24	25
Processing and value addition													
Others													
Total (e)	**1**	**1**	**24**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**24**	**25**
f) Spices													
Production and Management technology	1	8	17	25	0	0	0	0	0	0	8	17	25
Processing and value addition													
Others													
Total (f)	**1**	**8**	**17**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**17**	**25**
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management 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
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	**11**	**97**	**85**	**172**	**11**	**27**	**38**	**29**	**26**	**55**	**137**	**138**	**275**
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	2	2	46	48	0	0	0	0	2	2	2	48	50
Poultry Management	1	16	9	25	0	0	0	0	0	0	16	9	25
Piggery Management													
Rabbit Management													
Animal Nutrition Management	2	42	8	50	0	0	0	0	0	0	42	8	50
Disease Management	2	37	12	49	1	0	1	0	0	0	38	12	50
Feed & fodder technologies	2	12	32	44	4	2	6	0	0	0	16	34	50
Production of quality animal products													
Others	1	0	0	0	16	9	25	0	0	0	16	9	25
Total	**10**	**109**	**107**	**216**	**21**	**11**	**32**	**0**	**2**	**2**	**130**	**120**	**250**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													

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
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	1	19	6	17	-	-	-	-	-	-	19	6	25
Use of Plastics in farming practices	2	13	11	24	1	21	22	3	1	4	17	33	50
Production of small tools and implements	5	19	75	94	9	11	20	5	6	11	33	92	125
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total	**8**	**51**	**92**	**135**	**10**	**32**	**42**	**8**	**7**	**15**	**69**	**131**	**200**
VII. Plant Protection													
Integrated Pest Management	7	98	63	161	3	1	4	7	3	10	108	67	175

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 Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others	3	36	36	72	3	0	3	0	0	0	39	36	75
Total	**10**	**134**	**99**	**233**	**6**	**1**	**7**	**7**	**3**	**10**	**147**	**103**	**250**
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													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	1	0	25	25	0	0	0	0	0	0	0	25	25
Mobilization of social capital	1	20	5	25	0	0	0	0	0	0	20	5	25
Entrepreneurial development of farmers/youths	3	16	34	60	3	12	15	0	0	0	19	56	75
WTO and IPR issues													
Others													
Total	**5**	**36**	**64**	**110**	**3**	**12**	**15**	**0**	**0**	**0**	**39**	**86**	**125**
XI. Agro forestry													
Production technologies	4	38	23	61	10	7	17	22	0	22	70	30	100
Nursery management													
Integrated Farming Systems	2	13	12	25	0	0	0	4	21	25	17	33	50
Others	4	23	64	87	4	8	12	1	0	1	28	72	100
Total	**10**	**74**	**99**	**173**	**14**	**15**	**29**	**27**	**21**	**48**	**115**	**135**	**250**
XII. Others (Pl. Specify)													
GRAND TOTAL	**61**	**606**	**606**	**1204**	**143**	**27**	**170**	**73**	**60**	**133**	**748**	**777**	**1525**

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	1	4	11	15	0	0	0	0	0	0	4	11	15
Commercial fruit production	1	12	3	15	1	3	4	0	0	0	12	3	15
Integrated farming	1	9	6	15	0	0	0	0	0	0	9	6	15
Seed production													
Production of organic inputs	1	13	1	14	1	0	1	0	0	0	14	1	15
Planting material production	1	0	15	15	0	0	0	0	0	0	0	15	15
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	1	15	0	15	0	0	0	0	0	0	15	0	15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying	2	15	14	29	0	1	1	0	0	0	15	15	30
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	3	30	0	30	5	10	15	0	0	0	35	10	45
Total	**11**	**98**	**50**	**148**	**7**	**14**	**21**	**0**	**0**	**0**	**104**	**61**	**165**

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	12	1	13	2	0	2	0	0	0	14	1	15
Integrated Pest Management	1	7	8	15	0	0	0	0	0	0	7	8	15
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements	1	13	1	14	0	1	1	0	0	0	13	2	15
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													
Other	3	40	5	45	0	0	0	0	0	0	40	5	45
Total	**6**	**72**	**15**	**87**	**2**	**1**	**3**	**0**	**0**	**0**	**74**	**16**	**90**

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
Horticulture	F& FW	Organic vegetable cultivation	1	Off	19	6	25	4	0	4
Horticulture	F& FW	Scientific method of sweet potato cultivation	1	Off	0	25	25	0	0	0
Horticulture	F& FW	Nutrient management of Bitter Gourd.	1	Off	16	9	25	0	1	1
Horticulture	F& FW	Fertilizer Management in Mango Orchard	1	Off	20	5	25	18	4	22
Horticulture	F& FW	Nutrient management of Tomato	1	Off	12	13	25	0	0	0
Horticulture	F& FW	Cultivation practices of Tuber crop	1	Off						
Horticulture	F& FW	Cultivation practices in Cucurbitaceous Crop	1	Off	8	17	25	0	14	14

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Horticulture	F& FW	Post harvest management of Mango	1	Off	15	10	25	5	8	13
Horticulture	F& FW	Fertilizer management in Chilly	1	Off	8	17	25	0	0	0
Horticulture	RY	Protected cultivation of off season vegetables	1	Off	4	11	15	0	0	0
Horticulture	RY	Production of high value crops	1	Off	12	3	15	1	3	4
Horticulture	RY	Commercial floriculture	1	Off	15	0	15	0	0	0
Horticulture	IS	Propagation technique of ornamental plants	1	On	10	5	15	0	0	0
Horticulture	F& FW	Production Technology of Minor Fruits	1	Off	25	0	25	9	0	9
Horticulture	F& FW	Integrated crop Management of marigold	1	Off	12	13	25	1	4	5
Horticulture	F& FW	Production technology of cole crop cultivation	1	Off	3	22	25	3	22	25
Plant Protection	F& FW	Training on use of IPM practices for management of BPH / WBPH in rice	1	Off	16	9	25	0	0	0
Plant Protection	F& FW	Training on preparation of Jeevamrit, Veejamrit, handikhata, Panchagavya, Neemastra	1	Off	25	0	25	0	0	0
Plant Protection	F& FW	Training on use of IPM practices for management of leaf folder and stem borer in rice	1	Off	10	15	25	0	0	0
Plant Protection	F& FW	Use of IPM practices for	1	Off	21	4	25	9	3	12

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
		management of stem borer in ragi								
Plant Protection	F& FW	Training on Jevamrit and Veejmrit application in vegetable crops	1	Off	8	17	25	3	0	3
Plant Protection	F& FW	Training on use of straw mulching in crops	1	Off	6	19	25	0	0	0
Plant Protection	F& FW	Training on use of IPM practices for management of sucking pest papaya	1	Off	12	13	25	0	1	1
Plant Protection	F& FW	Training on use of IPM practices for management of sucking pest in pointed gourd	1	Off	25	0	25	4	0	4
Plant Protection	F& FW	Training on integrated pest management in cabbage	1	Off	9	16	25	0	0	0
Plant Protection	RY	Use of Biobiopesticides	1	On	5	10	15	5	10	15
Plant Protection	RY	Management of practices for controlling of FAW in maize	1	Off	15	0	15	0	0	0
Plant Protection	IS	Use of newer molecules in vegetables	1	On	7	8	15	0	0	0
Animal Science	F& FW	Clean milk production	1	Off	0	25	25	0	0	0
Animal Science	F& FW	Training on hydroponic fodder production from cereals and pulses	1	Off	0	25	25	0	0	0
Animal Science	F& FW	Hybrid napier fodder production in dairy farming	1	Off	16	9	25	4	2	6
Animal Science	F& FW	Prevention and control of different diseases of cattle having economic impact on dairy sector	1	Off	14	11	25	1	0	1

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	Different diseases of poultry and measures taken for prevention and control of diseases	1	Off	24	1	25	0	0	0
Animal Science	F& FW	Production performance of different dual purpose breeds in semi intensive backyard condition	1	Off	16	9	25	0	0	0
Animal Science	F& FW	Goat milk and milk products	1	Off	2	23	25	0	2	2
Animal Science	F& FW	Goat meat and meat products	1	On	16	9	25	16	9	25
Animal Science	F& FW	Low cost concentrate mixtures on milk production in dairy cows	1	Off	25	0	25	0	0	0
Animal Science	F& FW	Inclusion of broken rice as a substitute for maize as feed ingredient in poultry feed formulation	1	Off	17	8	25	0	0	0
Animal Science	RY	UMMB supplementation for improving milk yield in dairy cows	1	Off	8	7	15	0	0	0
Animal Science	RY	Silage preparation from Maize	1	Off	7	8	15	0	1	1
Animal Science	IS	Ethno- veterinary medicines practices for different livestock	1	On	15	0	15	0	0	0
Forestry	F & FW	Package practice of Eucalyptus plantation	1	Off	1	24	25	0	4	4
Forestry	F & FW	Nutrient management in bamboo plantation	1	Off	19	6	25	11	3	13
Forestry	F & FW	Plants suitable for fuel wood,	1	Off	25	0	25	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
		timber and pulp wood								
Forestry	F & FW	Importance herbal plants for entrepreneurship development	1	Off	9	16	25	5	8	13
Forestry	RY	Preparation of incense stick from locally available raw material	1	Off	15	0	15	0	0	0
Forestry	F & FW	Preparation of mango split by pit method	1	Off	19	6	25	0	0	0
Forestry	F & FW	Cashew based Agro forestry system	1	Off	13	12	25	0	0	0
Forestry	F & FW	Intercropping in Mango orchards	1	Off	4	21	25	4	21	25
Forestry	F & FW	Package of practice of Broom grass	1	Off	25	0	25	21	0	21
Forestry	F & FW	Value addition of char seed	1	Off	0	25	25	0	0	0
Forestry	F & FW	Preparation of Jaggery from Palmyra palm Sap	1	Off	0	25	25	0	0	0
Forestry	RY	Nursery Technique of Forest tree species	1	Off	0	15	15	0	0	0
Forestry	IS	Different Agroforestry models for sustainable land management	1	ON	15	0	15	0	0	0
Agrl. Eng.	F & FW	Use of tractor operated rotavator for tillage	1	Off	15	10	25	8	4	12
Agrl. Eng.	F & FW	Use of tractor operated multi-crop planter for sowing of groundnut	1	ON	15	10	25	1	0	1
Agrl. Eng.	F & FW	Use of power weeder for weeding in banana orchard	1	ON	7	18	25	1	1	2
Agrl. Eng.	F & FW	Mechanization in rice cultivation	1	ON	9	16	25	3	2	5
Agrl. Eng.	F & FW	Mulching in vegetable crops for water conservation and suppression of weeds	1	Off	1	24	25	1	21	22
Agrl. Eng.	F & FW	Use of micro irrigation system in	1	Off	19	6	25	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
		horticultural crops								
Agrl. Eng.	IS	Farm mechanization for reduction of cost, labour and time	1	ON	13	2	15	1	0	1
Agrl. Eng.	RY	Use of micro irrigation system in horticultural crops	1	Off	9	6	15	0	0	0
Agronomy	F& FW	Production technology of Arhar in rainfed upland situation	1	off	18	7	25	2	0	2
Agronomy	F& FW	Integrated weed management in sweet corn	1	off	13	12	25	0	0	0
Agronomy	F& FW	Integrated nutrient management in sesame	1	off	25	0	25	2	0	2
Agronomy	F& FW	Integrated nutrient management in greengram in Rabi	1	off	16	9	25	1	0	1
Agronomy	F& FW	Package and practices for fingermillet cultivation	1	On	8	17	25	0	3	3
Agronomy	F& FW	Improved production technology for for rabi groundnut	1	off	12	13	25	0	0	0
Agronomy	F& FW	Production technology of arhar in rainfed upland situation	1	off	18	7	25	2	0	2
Agronomy	F& FW	Package of practices for sweet corn cultivation	1	off	25	0	25	1	0	1
Agronomy	F& FW	Integrated weed management in Rice	1	off	12	13	25	3	9	12
Agronomy	F& FW	Organic farming for enhancing pulse production	1	Off	14	11	25	0	0	0
Agronomy	F& FW	Production technology for HYV rice in irrigated medium land	1	off	18	7	25	3	3	6
Agronomy	RY	Vermicompost, vermin and vermiwash production technology	1	Off	14	1	15	1	0	1

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
		for entrepreneurship development in Agriculture								
Agronomy	IS	IFS approach for sustainable Agricultural production	1	On	14	1	15	2	0	2
Agrl. Extension	F& FW	Formation and management of SHG	1	Off	0	25	25	0	0	0
Agrl. Extension	F& FW	Income generating activities for rural women	1	Off	0	25	25	0	0	0
Agrl. Extension	F& FW	Entrepreneurship development among rural youth	1	Off	14	11	25	2	0	2
Agrl. Extension	F& FW	FPO management	1	Off	20	5	25	0	0	0
Agrl. Extension	F& FW	Nutritional garden for nutrition security of farm families	1	OFF	5	20	25	2	11	13

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	

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	

*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													
Other													

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													
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.													
Repair and maintenance of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
farm machinery & 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	Scientific Bee Keeping	Bee Keeping	December(1no) January(2 nos)	21	PF and RY	3	75	National Bee Board
2	Scientific Bee Keeping, Mushroom Production, Nursery	Scientific Bee Keeping, Mushroom Production, Nursery	April-2023 to March 2024	5 days each training	PF and RY	14	280	Govt.of Odisha

	management, Poultry farming for meat production and Year round stunted fingerling and yearling production	management, Poultry farming for meat production and Year round stunted fingerling and yearling production						

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	3	31	14	45	3	12	15	0	0	0	34	26	60
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													

Methods of protective cultivation													
Other(Scientific Bee Keeping sponsored by Bee Keeping)	3	27	18	45	8	12	20	8	2	10	43	32	75
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management	3	20	16	36	3	21	24	0	0	0	23	37	60
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management	2	34	1	35	3	2	5	0	0	0	37	3	40
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													

Drudgery reduction of women													
Other(Mushroom Production)	2	18	20	38	2	0	2	0	0	0	20	20	40
Vermicompost Production	2	9	3	12	12	10	22	3	3	6	24	16	40
Scientific Bee Keeping	2	23	10	33	2	3	5	2	0	2	28	12	40
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

Good quality photographs of training activity:

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	4	175	65	240	32.08	8	8	16	183	73	256
Kisan Mela	5	1712	735	2447	7.44	-	-	-	1712	735	2447
Kisan Ghosthi	0										
Exhibition	5	1712	735	2447	7.44	-	-	-	1712	735	2447
Film Show	2	16	24	40	22.5	-	-	-	16	24	40
Method Demonstrations	0	-	-	-	-	-	-	-	-	-	-
Farmers Seminar	1	4	4	8	0		-	-	4	4	8
Workshop	0	-	-	-	-	-	-	-	-	-	-
Group meetings	82	1082	968	2050	622	90	55	145	1170	1023	2193
Lectures delivered as resource persons	32										
Advisory Services											

Scientific visit to farmers field	72	1471	588	2059	528	-	-	-	1471	588	2059
Farmers visit to KVK	240	1366	831	2197	423	-	-	-	1366	831	2197
Diagnostic visits	27	486	201	687	187	-	-	-	486	201	687
Exposure visits	21	230	25	255	21	3	0	3	233	25	258
Ex-trainees Sammelan											
Soil health Camp	0										
Animal Health Camp	1	84	16	100	49	6	0	6	90	16	106
Agri mobile clinic	-										
Soil test campaigns	-										
Farm Science Club Conveners meet	-										
Self Help Group Conveners meetings	3	0	75	75	20	-	-	-	0	75	75
Mahila Mandals Conveners meetings	-										
Celebration of important days (specify) WSD	1	65	10	75	11	15	5	20	80	15	95
Sankalp Se Siddhi											
Swatchta Hi Sewa	7	112	63	175	70	7	5	12	119	68	187
Mahila Kisan Divas	1	0	25	25	17	5	2	7	5	27	32
Any Other (Specify) WFD	1	82	18	100	21	12	7	19	94	25	119
Total	505	8597	4383	12980	2038.46	146	82	228	8741	4465	13206

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	27
Radio talks	**4**
TV talks	**15**
Popular articles	
Extension Literature	**3**
Other, if any	

Good quality photographs of Extension activity:

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (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
Rice	Kalachampa	149	-								
Grand Total		149									

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	Pusa snowball	5300	13250	36	9	8	2	135	25	179	36
Cabbage	Pusa drumhead	4100	10250	17	3	6	8	99	17	122	28

Tomato	Arka Samrat	29110	72775	67	9	34	7	295	33	376	49
Brinjal	Akshita	20166	50415	39	11	25	9	194	47	278	67
Chilli	VNR-305	6068	15170	28	16	18	7	167	39	213	62
Onion											
Others											
Fruits											
Mango	-										
Guava	AlhabadSafeda,VNRvihi	1005	50250	13	6	9	4	85	13	107	23
Guava fruit	VNR Bihi	16kg	960	1	0	1	0	3	0	5	0
Lime	K.lime	10	500	1	0	2	0	7	0	10	0
Papaya	Red Lady,Red baby	1035	25875	13	7	8	2	41	4	62	13
Others	-										
Ornamental plants	Marigold and Crysanthemum	8000	8000	13	6	9	4	85	13	107	23
Medicinal and Aromatic											
Plantation	Coconut-Gangabondam	98	15680	2	1	4	0	6	1	12	2
Spices	-										
Turmeric	-										
Tuber	-										
Elephant yams	-										
Fodder crop saplings	Teak	200	2600	1	0	1	0	6	0	8	0
Forest Species	Broom	600	10,800	2	0	1	0	7	0	10	0
Others, pl. specify	Honey	28	19600	3	0	1	0	13	0	17	0
Total				236	68	127	43	1143	192	1506	303

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	Vermicompost-739	14780	1	0	1	0	5	0	7	0
Others, please specify.											
Total			1	0	1	0	5	0	7	0

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)		4572	322780	34	6	11	45	192	37	237	88
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)		11kg	1980	1	0	2	0	5	1	8	1
Piggery											
Piglet											
Hog											

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings	IMC	1.2lakh	43200	3	0	2	0	43	0	48	0
Fry	IMC	9.9lakh	2,17,800	2	0	0	0	13	0	15	0
Spawn											
Others (Pl. specify)Table Fish	IMC	35.5kg	4,970	2	1	1	0	5	1	8	2
Yearlings	IMC	487	1,07,140	4	0	2	0	19	0	25	0
Grand Total				20	2	10	0	147	2	177	4

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						

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
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				
Books				
Bulletins				
News letter	Sabuja Barta	Dr.BimalenduMohanty,Dr Dibya Sundar Kar,DrRoshni Bala Nayak,DrSefaliRout,Mrs. Sanghamitra Sahu, Mr.	500 nos	

Item	Title	Author's name	Number	Circulation
		Srikant Sahu		
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Sitadinia Panipariba Chasa	Dr.BimalenduMohanty,Dr Dibya Sundar, Mrs. Sasmita Pal, Kar,DrSefaliRout,Mrs. Sanghamitra Sahu	500	
Extension Pamphlets/ literature	Baigyanika Padhati re Cheli Chasa	Dr.BimalenduMohanty,Dr Roshni Bala Nayak,Mrs. Sasmita Pal, DrSefaliRout,Mrs. Sanghamitra Sahu	500	
Technical reports				
Electronic Publication (CD/DVD etc.)				
TOTAL			1500	

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.	International Conference on Ethno-Medicine in One Health	International Conference on Ethno-Medicine in One Health	Dr.Roshni Bala Nayak Scientist (Animal Science)	20.04.23-21.04.23	College of Veterinary Science and Animal Husbandry,OUAT,BBSR
2.	International Conference on Ethno-Medicine in One Health	International Conference on Ethno-Medicine in One Health	Dr.Sefali Rout Scientist (Forestry)	20.04.23-21.04.23	College of Veterinary Science and Animal Husbandry,OUAT,BBSR
3.	Skill oriented programme on application of glyphosate	Skill oriented programme on application of glyphosate	Sanghamitra Sahu and Scientist(PP)	21.06.23-22.06.23	NIPHM, Hyderabad
4.	Natural Farming	Natural Farming	Sanghamitra Sahu and Scientist(PP)	22.08.2023-26.08.2023	EEI,Hyderabad
5.	Zonal Workshop on	Zonal Workshop on	Sanghamitra Sahu and	16.02.2024-	ATARI,Kolkata

	Natural Farming	Natural Farming	Scientist(PP)	17.02.2024	
6.	Five days training cum exposure visit on Natural Farming on the Master Trainer	Five days training cum exposure visit on Natural Farming on the Master Trainer	Sanghamitra Sahu and Scientist(PP)	18.03.2024-22.03.2024	EEI,MANAGE, Hyderabad
7.	Navigating Climate change and livelihood development of farmwomen in India	Navigating Climate change and livelihood development of farmwomen in India	Dr.Sefali Rout Scientist (Forestry)	4.12.23	ICAR-NRRI, Cuttack
8.	National Seminar on Climate Smart Agriculture	National Seminar on Climate Smart Agriculture	Dr.Sefali Rout Scientist (Forestry)	4.12.23	OUAT, Bhubaneswar
9.	Refresher training for Scientists of Horticulture and Forestry on Climate Resilient practices for Horticultural Crops and tree plantations	Refresher training for Scientists of Horticulture and Forestry on Climate Resilient practices for Horticultural Crops and tree plantations	Dr.Sefali Rout Scientist (Forestry)	06.03.2024-07.03.2024	DEE, OUAT, Bhubaneswar
10.	Refresher training for Scientists of Horticulture and Forestry on Climate Resilient practices for Horticultural Crops and tree plantations	Refresher training for Scientists of Horticulture and Forestry on Climate Resilient practices for Horticultural Crops and tree plantations	Dr. Dibya Sundar Kar Scientist (Horticulture)	06.03.2024-07.03.2024	DEE, OUAT, Bhubaneswar
11.	Refresher training for Scientists/Farm Managers of Horticulture and Forestry on Climate Resilient practices for Horticultural Crops and tree plantations	Refresher training for Scientists/Farm Managers of Horticulture and Forestry on Climate Resilient practices for Horticultural Crops and tree plantations	Mrs.Swarna Sarika Behera Farm Manager	06.03.2024-07.03.2024	DEE, OUAT, Bhubaneswar
12.	Refresher training of Refresher training of Scientists/SMSs of KVKs	Refresher training of Scientists/SMSs of KVKs	Dr.Roshni Bala Nayak Scientist (Animal Science)	27.03.24-28.03.24	DEE,OUAT,Bhubaneswar
13	Refresher training of	Refresher training of	Mr.Srikant Sahu	12.02.24-13.02.24	DEE,OUAT,Bhubaneswar

	Scientists/SMSs{Agronomy and Soil Science} of KVKs	Scientists/SMSs of KVKs			
14	Refresher Training on "Big Data Analysis" for Programme Assitant (Computer) of KVKs	Refresher Training on "Big Data Analysis" for Programme Assitant (Computer) of KVKs	Mr.Nihar Ranjan Baral	16.02.24-17.02.24	Department of Bioinformatics, 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	Mr. Sashibhusan Parida
Address	At-Birikhunti, Po-Joranda, Block-Gandia, Dist: Dhenkanal, PIN: 759016
Contact details (Phone, mobile, email Id)	7735578759
Landholding (in ha.)	18 ac
Name and description of the farm/ enterprise	Rice and Fish
Economic impact	13.6 lakhs/year
Social impact	Giving employment to 10 rural youth
Environmental impact	Nothing
Horizontal/ Vertical spread	25 nos
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			

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	World Soil Day	75	2		15	55

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
Awareness	1	25	Weed management

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

No of student trained	No of days stayed
2	45

ARS trainees trained	No of days stayed
0	0

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
18.04.2023	Dr. Soumendra Nanda, Dean College of Fisheries	Establishment of carp hatchery and biofloc
29.04.2023	Prof K.N.Mishra, Prof. Soil Science, College of Agriculture, OUAT, Bhubaneswar	ZREAC meeting
11.07.2023	Prof. Pravat Kumar Roul, Hon'ble Vice Chancellor, OUAT, Prof. P.J.Mishra, Dean, Extension Education	Foundation stone laying of KVK, Administrative building
27.07.2023	Dr. Chandra Sekhar Mohanty. Sr. Principal Scientist, CSIR-National Botanical Research Institute, Lucknow	
16.11.2023	Janila Pasupauti, ICRISAT	
17.12.2023	Dr. Ajit Kumar Shasany, Director, CSIR-NBRI, Lucknow	
24.11.2023	Prof. Pravat Kumar Roul, Hon'ble Vice Chancellor, OUAT, Prof. S.K.Swain,Dean of Research, Prof. Dayanidhi Mishra, DPME	Inauguration of RRTTS building and demo units of KVK
17.02.2024	Dr. Pradyumna Tripathy, Prof & Head, Dept. of Vegetable Science cum PI PFDC, OUAT, Bhubaneswar	PFDC training programme for farmers and farm women
17.02.2024	Dr. P.C.Pradhan, Asst. Professor	PFDC training programme for farmers and farm women
14.03.2024	Dr. Man Singh, Director Directorate of Rice Development, Govt. of India	CFLD verification and demonstration on Krishi Mapper

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)
Bee keeping	75	28	60000	1.3lakh

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
Pisciculture	
Mushroom	

Give information in the same format as given below

Name of farmer	Mr. Sashibhusan Parida
Address	1. At-Birikhunti, Po-Joranda, Block-Gandia, Dist: Dhenkanal, PIN: 759016
Contact details (Phone, mobile, email Id)	7735578759
Landholding (in ha.)	18ac
Name and description of the farm/ enterprise	Pisciculture
Economic impact	13.6lac
Social impact	10nos
Environmental impact	
Horizontal/ Vertical spread	35nos

Good quality photographs (2-3)	 

Give information in the same format as given below

Name of farmer	1. Mr. Sudhakar Biswal
Address	(At/Po/Block/Dist/PIN): At: Kharidali Po: Baabandha Block. Hindol, Dist. Dhenkanal -759019
Contact details (Phone, mobile, email Id)	9556816087
Landholding (in ha.)	7ac
Name and description of the farm/ enterprise	Mushroom Production
Economic impact	45,000/Month
Social impact	4nos
Environmental impact	
Horizontal/ Vertical spread	8nos

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

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
FPO	Training,Inputs Procurements like poultry chicks, Fish fry,QPM
NGO	Training,Inputs Procurements like poultry chicks, Fish fry,QPM
FES	Training,Inputs Procurements like poultry chicks, Fish fry,QPM
VSS	Training,Inputs Procurements like poultry chicks, Fish fry,QPM

5.2. List of special programmes undertaken during 2023 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.)
CBSAE Development Project, OMBADC, Govt of Odisha	100 Seated conference hall	January 2024	OMBADC	75.16lakhs
CBSAE Development Project, OMBADC, Govt of Odisha	Biofloc unit	December 2023	OMBADC	9.5lakhs

CBSAE Development Project, OMBADC, Govt of Odisha	Fish Hatchery	December 2023	OMBADC	50.36lakhs

(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	74888		162749	Public sale,FLD and OFT
2.	Poultry		36	Aseel, Kadaknath, Chabro, Pallishree, Quail	21 days old chicks	4752nos		322780	Public sale, FLD
3.	Pisciculture unit	2017-18	12 acre	IMC	Yearlings	487 kg		107140	Public sale
4.	Pisciculture unit	2017-18	12 acre	IMC	Fingerling	1.2lacs		43200	Public sale
5.	IFS	2011-12	338	IMC	Fry	9.9lacs		217800	Public sale
6.									
7.									
	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	01.08.2023	13.12.2023	5.6	Kala champa	Foundation seed	150			

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.	Vermicompost	739.0	5800	18745	

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.	Fish	IMC	Fingerling	1.2lacs		43200	
2.	Chicks	Kaveri, Colour Broiler, Aseel, Palishree	21 day old chicks	4752		322780	
3.							

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)
24th-30th December2023	25	7	
7th-13th January 2024	25	7	
15th-21st January 2024	25	7	
Total :	75	21	

(For whole of the year)

6.5. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	QIV	Q V	QVI

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	50000		49722		278

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	
Pigeon pea	Release-2,37,014 Budget- 3,60,000		3,15,746		Nil

2019.5. Utilization of KVK funds during the year 2023-24 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			

2	Traveling allowances		150000	150000
3	Contingencies			
A	Bee Training			
B			458175	450000
C	NICRA			
D			972800	972800
E	CFLD Pulse		237014	236771
F	HRD		30000	30000
G	SCSP		2548800	2548800
J	Swachhta Expenditure		32800	32800
TOTAL (A)			4429589	4421171
B. Non-Recurring Contingencies				
1	NR		1,10000	110000
TOTAL (B)			1,10000	110000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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)
2019-20	164956	1257939	733891	(447376+489004)=936380
2020-21	489004	1114335	1221677	(451750+51162)=502912
2021-22	51162	2695904	1051308	(58500+645758)=704258
2022-23	645758	1424719	1286400	(550942+FKL
2023-24	360058	1401849		

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
BPH Surveilance	2	Kharif	O/o CDAO		
Nursery verification,MIDH	8	Round the year	DDH		
RE iterface	10	Round the year	10		
Joint verification	5	Round the year	5		
DPR preparation	15	Round the year	15		

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

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

Type of message	No. of messages	No. of farmers covered

Crop		
Livestock		
Fishery		
Weather		
Marketing		
Awareness		
Training information		
Other		
Total	**15**	**381481**

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	*1*
4.	Name of the App	
5.	Language of the App	*odia*
6.	Meant for crop/ livestock/ fishery/ others	*Mushroom*
7.	No. of times downloaded	

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		
2. Basic maintenance	1	
3. Sanitation and SBM	1	
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	2	

6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	3	
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

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

Date of programm	No. of Union	No. of Hon'ble	No. of State	Participants (No.)	Coverag e by	Coverag e by

e	Ministers attended the programme	MPs (Loksabha / Rajyasabha) participated	Govt. Ministers	MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector / DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total	Door Darshan (Yes/No)	other channels (Number)

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)
	Swachhata Awareness	4	100	-	-

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)
	Mahila Kishan Diwas	1	25	-	-

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

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Training Hall charges	52500	National Bee Board
2.	Farmers Hostel charges	21000	National Bee Board
3.			

9.14. Resource Generation:

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

1.	CBSAE Development Project,OMBADC		Govt. of Odisha	**9.50**	**Biofloc**
2.	CBSAE Development Project,OMBADC		Govt. of Odisha	**50.36**	**Fish hatchery**
3.	CBSAE Development Project,OMBADC		Govt. of Odisha	**75.16**	**100 seated conference Hall**
4.	CBSAE Development Project,OMBADC		ICAR	**14,800,000**	**KVK Administrative building**

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 2023

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

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 2023-24 (Rs. In lakh):

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2023

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

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 SCSP in 2023-24 (Rs. In lakh):

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 Micro irrigation system (Drip irrigation)	2	2	0.16	-	-	-	-	2	-	2	-	02	Saving water, reduction of weed growth, Increased yield.
Demonstration on Mulching in vegetables	10	10	0.8	1	2	-	-	5	2	6	4	10	Soil moisture conservation, minimizing soil compaction and erosion, decline of weed and increasing in yield.

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 drought tolerant Rice var. - Swarna Shreya	10	8	2	2	3	30	5	40	10	50	Drought tolerant, Short duration, less water requirement, resistance to disease and pest attack and high yield.
Demonstration on finger millet variety Arjun	01	3	-	-	-	7	-	10	-	10	Low water requirement, more resistant to pest and disease and High yield.
Demonstration on Cowpea variety Kashi Kanchan	04	3	2	2	-	10	3	15	5	20	Short duration, Dwarf and bush type, early flowering, early picking, good quality food and more market demand.
Demonstration on Green gram	10	-	-	-	-	25	-	25	-	25	Early maturing, highly resistant to YVM, Large

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	
var. Virat											attractive green and shining seeds, good yield.
Demonstration on drought tolerant/ improved varieties of vegetable (Brinjal, Tomato, Chilli, Cauliflower, Cabbage, Broccoli, Cucumber & Okra)	08	10	5	7	5	18	5	35	15	50	Short duration, less water requirement, resistant to pest and disease attack, good quality food, high yield and high market demand.
Demonstration on income generation activity through mushroom cultivation (Paddy straw & oyster mushroom)	10 units	-	3	-	-	5	2	5	5	10	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 backyard poultry rearing	Aseel and Kaveri 550 nos.)	50	0.5	30	-	10	-	10	-	50	-	50	Tolerant to heat stress, resistant to disease, high market demand

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	
Capacity building of farmers & farm women on mushroom cultivation	10	02	03	04	-	09	03	19	06	25		
Capacity building of farmers & farm women on backyard poultry rearing.	25	-	07	03	04	01	10	06	19	25		

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC	ST		Other			Total		
		M	F	M	F	M	F	M	F	T

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC	ST		Other			Total		
		M	F	M	F	M	F	M	F	T
Animal health camp	1	10	5	10	-	20	5	40	10	50
Exposure visits	1	-	2	-	-	48	-	48	2	50
Diagnostic field visit	21	20	20	10	10	70	20	100	50	150

Detailed report should be provided in the circulated Performa

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	*Krishi Jagran*- Millionaire farmers of India 2023	Sri Khirod Chandra Samal	2023	*Krishi Jagran and ICAR*		**INFLUENTIAL MILLIONAIRE FARMERS** from across India is expected to make it a mega event

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

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. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					
2					

19. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

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

20. Information on Visit of Ministers to KVKs, if any (Please provide good quality photographs)

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

21. a) Information on ASCI Skill Development Training Programme, if undertaken during 2023

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 2023

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	

22. Information on NARI Project (if applicable)

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

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

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

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

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