

PROFORMA FOR ANNUAL REPORT 2021 (January-December 2021)

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:

1.5. Staff Position (as on 1st January, 2021)

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	MSc. (Ph D Ag Engg)	15,600-39,100	14.03.2005	Temporary	General
2	Subject Matter Specialist	Sasmita Pal	Scientist (Home Science)	MSc (H.Sc)	15,600-39,100	19.08.2005	Temporary	General
3	Subject Matter Specialist	Sanghamitra Sahu	Scientist (Plant protection)	MSc (Ag)	15,600-39,100	29.12.2015	Temporary	General
4	Subject Matter Specialist	Sefali Rout	Scientist (Forestry)	Msc (Forestry)	15,600-39,100	05.10.2015	Temporary	General
5	Subject Matter Specialist	Dibya Sundar Kar	Scientist (Horticulture)	MSc (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	Vacant		-----	-----	-----	-----	-----
8	Programme Assistant	Jashobanta Sahoo	PA (Fishery)	Fishery	9300-34,800	23.03.2006	Temporary	General
9	Computer Programmer	Nihar Ranjan Baral	PA (Computer)	Computer	9300-34,800	06.07.2006	Temporary	General
10	Farm Manager	Manoj Kumar Pradhan	Farm Manager	Msc (Ag)	9300-34,800	04.10.2006	Temporary	General
11	Accountant / Superintendent							
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	Ahalya Baral	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
4.	Orchard/Agro-forestry	6
5.	Others with details	
6.	Farm tank	5
7.	Barrain land	2
	Total	20

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	Not yet started							
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	Not yet started							
5	Fencing					Totally completed	8790 running feet	Under use	RKVY
6	Rain Water harvesting structure	Not yet started							
7	Threshing floor	Not yet started							
8	Farm godown					Totally completed	30	Under use	RRTTS godown handed over to KVK

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
9.	Dairy unit	Not yet started							
10.	Poultry unit					Totally completed	36	Under use	RRTTS unit handed over to KVK
11.	Goatary unit	Not yet started							
12.	Mushroom Lab	Not yet started							
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 (2 nos)					Totally completed	23 78	Under use	RKVY- 1 ICAR -1

* 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	16500	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 kelpus 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 kelpus micro processor based automatic nitrogen distillation system	2004-05	156530	Good condition	ICAR
Electronic titration system for kelpus 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

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
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
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

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
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 SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	08.12.21	40	Activity of production of fish fry, fingerlings and yearlings should increase for the interest of fish farmers.	KVK has produced 18.84 lakhs of fish fry, 57000 nos of fingerlings and 625 kg of yearlings and supplied to fish farmers (total 85 farmers & 195 ha water area)	
			The present submerged low land should be thought of for taking pisciculture activities so as to utilize it.	The submerged land has been planned for pisciculture activities under OMBADC (strengthening of existing pisciculture unit)	

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
			KVK has to take up QPM production for guava , pomegranate and cashew utilizing the existing progeny orchards	1220 number of Guava saplings have been produced and supplied to farmers. Pomegranate sapling production is being started this year and cashew sapling production is to be taken from coming year.	
			KVK should impart training to farmers / entrepreneurs on orchard management.	Training on Orchard management has been taken up involving 20 farmers for 5 days; another batch of 25 farmers have been oriented in a separate programme for one day. Apart from this, KVK has provided technical support in programmes taken up by Horticulture Deptt. involving 50 farmers and one practical training programme by CHES, Bhubaneswar has been taken up on canopy management involving 50 farmers in which KVK scientist participated as resource person.	
			Production of brooded poultry chicks by KVK should be enhanced for providing to farmers.	This year KVK has produced 4250 number of brooded chicks and provided to farmers. Steps are being taken to increase it further by providing additional space for it; it will bring in production of additional 8000 chicks per annum.	
			KVK has to work on promotion of goat farming.	One training programme has been taken up by KVK involving 25 farmers of one day	

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
				duration. UCORSETI has organised one training programme involving 30 farmers of 10 days duration in which KVK scientist provided technical support. KVK scientist is providing technical support to the existing goat farmers (2 numbers) under MKUY which has been promoted by KVK (DPR preparation, online application, credit mobilization & departmental follow up action) out of which subsidy has been released for one unit.	
			KVK should impart training to farmers / entrepreneurs on scientific as well as hygienic mushroom cultivation.	KVK has conducted one training programme on scientific mushroom cultivation involving 20 farmers for 5 days, three training programme have been conducted for one day each involving 75 farmers. Three training programme have been conducted by UCORSETI involving 90 farmers for 10 days duration each in which KVK scientist provided technical support.	
			KVK should provide support to farmers / entrepreneurs in preparation of Detailed Project Report (DPR) for the projects to be taken up under MKUY.	This year, KVK has prepared DPR for a mushroom production – cum – spawn production – cum – processing unit involving a cost of Rs. 1.33 crores for which go ahead letter has already been issued & loan has been sanctioned. KVK has also provided hand holding support for	

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
				online application for this case.	
			KVK need to develop milk processing units like paneer making unit, cheese making unit etc. inside KVK campus to serve as demo units.	These units have been planned to be established under OMBADC project which is about to be started.	
			KVK should provide support to the farmers near the newly constructed Farm Ponds by Soil Conservation Deptt. so as to ensure better and effective utilization of harvested water.	KVK has provided 25000 number of fish fry to five farmers (farm pond beneficiaries).	
			KVK to charge some user fee for hot water treatment of mango for meeting the electricity consumption and to run the unit in a sustainable manner.	This year hot water treatment plant could not be utilized due to prevailing COVID-19 situation; this will be duly taken care in coming season.	
			KVK should utilize every inch of land inside the campus / farm and not a single land should be kept fallow.	All KVK land has been utilized except 2 ha of submerged land which has been planned for pisciculture activities under OMBADC (under strengthening of existing pisciculture unit)	
			KVK needs to promote some good varieties of tomato which are very much suitable for processing.	KVK has taken up frontline demonstration of tomato varieties like Arka Rakshak, Arka Samrat etc. and taken up seedling production activity of these varieties; as of now 8560 number of tomato seedlings of these varieties have been sold to farmers	

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
				during the current financial year.	
			KVK should promote preparation of feed from locally available materials for dairy animals	Two training programmes have been organized involving 60 farmers for 10 days duration each on Dairy farming in which farmers have been imparted training on preparation of feed from locally available materials.	
			KVK should involve FPOs in its activities and provide technical support to them for making them sustainable	Till now 14 number of FPOs have been formed and registered; KVK is already linked to all the FPOs. CFLD programme on Groundnut and Blackgram is being undertaken by two FPOs. KVK has conducted 5 number of training programmes involving 250 number of farmers with four FPOs. Two FPOs are being linked to e-NAM for ease of marketing.	
			KVK has to contact Faculty of Dairy Technology, West Bengal University of Animal and Fishery Sciences, Mohanpur, Nadia, West Bengal for online capacity building of farmers / Animal Scientist.	A training programme is being conducted during 06.12.2021 – 10.12.2021 in virtual mode in which two farmers and one scientist of this KVK is participating.	

** 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 (2021)

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	6 AES 1- RIVER VALLY ALLUVIUM AES 2 - LIGHT TEXTURED LATERITE AES 3 - RED LOAM SOIL AES 4 - MEDIUM TEXTURED SANDY LOAM AES 5 - BLACK SOIL AES 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°C)-Min-(21.79°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 (2021)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Dhenkanal	Sadar	Lambodarpur, Siaria, Tarava, Motori, Majhisahi, Nachipura, Arada, Bhaliabolakateni, kankadapal, Paikadahikar, Talabarkote	Paddy, Mushroom,	Lack of availability of bundle straw	
2	Dhenkanal	Odapada	Paneilo, Mahadia Gobindaprasad, Tamanda, Kandabindh, Kalanga, Kamalang, Indipur, Sariapada	Paddy, Goatery	Lack of green fodder and Pasture land	
3	Dhenkanal	Kamakhyanagar	Jaka, Sogar, Jamujhara	Paddy, Blackgram, Greengram, Groundnut	Less irrigated area, unavailability of groundnut seed locally	
4	Dhenkanal	Gondia	Nabalinga, Dandeibereni,	Vegetables	No marketing outlet other than local haats/ weekly markets	
5	Dhenkanal	Bhuban	Bhuban	Paddy, Groundnut, 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, Baghdadharia, 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 (2020) 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, Demonstration 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, Sahabghadhan, DRR-42 and DRR-44 rice varieties under STRV trial, Distribution of Eucalyptus seedlings, 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
Brajabihari pur	Odapada	Training, FLD on enterprisers
Gurujanglei	Kankadahad	Training, CFLD, FLD

2.1 Priority thrust areas

Sl. 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.

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
2 (Animal Sc)	2	14	26	0	0	0	0	14	26	40											
2 (Home Sc)	2	31	9	0	0	0	0	31	9	40											

Seed production (q)										Planting material (in Lakh)									
Target					Achievement					Target					Achievement				
108 q					45.5q (Rice seed were damaged due to untimely rain)														

Livestock strains and fish fingerlings produced (in lakh)*										Soil, water, plant, manures samples tested (in lakh)									
Target					Achievement					Target					Achievement				
20000(Fingerling)					57000														
150kg(yearlings)					777kg														
1500kg (vermicompost)					1126kg														
300kg (Mushroom)					280kg														
3000 (poultry chicks)					4073														
1500000(fishfry)					1884000														

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	1		1	4.67	4.67		
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL	1		1	4.67	4.67		

**1 Achievements on technologies assessed and refined
OFT-1**

1.	Title of On Farm Trial	Assessment of different marigold varieties for flower size and yield
2.	Problem diagnosed	Low yield in case of existing variety of marigold
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment of different marigold varieties for flower size and yield
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO1- IARI, New Delhi TO2- BCKV, WB
5.	Production system and thematic area	Upland and irrigated <i>Varietal Evaluation</i>
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment B:C ratio, Flower diameter, No. of flowers per plant, flower yield (q/ha)
7.	Final recommendation for micro level situation	Bidhan Marigold 2 variety has better production potentials than farmers practice
8.	Constraints identified and feedback for research	Required more research on the verity
9.	Process of farmers participation and their reaction	Participatory method

Thematic area: *Varietal Evaluation*

Problem definition: Low yield in case of existing variety of marigold

Technology assessed: Assessment of different marigold varieties for flower size and yield

Table:

Technology option	No. of trials	Yield component	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Flower per plant					
FP: Rani makadam	7	63	217.9(212-225)	130000	152530	22530	1.38
TO₁: Pusa Narangi (IARI, 2012)	7	75	250.4(240-260)	131000	186000	55000	1.41
TO₂: Bidhan Marigold-2 (BCKV, 2013)	7	108	290.2(282-296)	134000	207000	73000	1.54

Results:

**1 Achievements on technologies assessed and refined
OFT-2**

1.	Title of On Farm Trial	Assessment of different varieties of wilt resistant brinjal for kharif season
2.	Problem diagnosed	Low income and yield due to bacterial wilt.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment of different varieties of wilt resistant brinjal for kharif season
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IHR, Bangalore
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	Yield, wilt %, BC ratio
7.	Final recommendation for micro level situation	Arka Anand variety has better production potentials than farmers practice and its resistance wilt.
8.	Constraints identified and feedback for research	Required more research on the verity
9.	Process of farmers participation and their reaction	Participatory method

Thematic area: *Varietal Evaluation*

Problem definition Low income and yield due to bacterial wilt.

Technology assessed: Assessment of different varieties of wilt resistant brinjal for kharif season

Table:

Technology option	No. of trials	Yield component	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Fruit weight (gm)					
FP: Pala / Kamagara	7	39	412	75000	206000	131000	2.75
TO ₁ : Arka Aksitha	7	42	485	77000	224000	147000	2.91
TO ₂ : Arka Anand	7	50	600	89000	262000	173000	2.94

Results:

**1. Achievements on technologies assessed and refined
OFT-3**

1.	Title of On Farm Trial	Assessment of integrated management practices against BPH / WBPH in rice
2.	Problem diagnosed	Lack of knowledge about alternative chemical and botanical pesticide
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1: Making alleys at a distance of 2 m in paddy field. use of spider trap @ 25/ha, need based Alternate Spraying of flonicamid 50 WG @ 150 gm /ha and neem based pesticide 3000 ppm @ 1500 ml/ha at 10 days interval TO2: TO1 + Repeated with Spraying of pymetrozine 50 WG @ 120 gm/acre at 15 days interval commencing from insect appearance
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RRTTS, Ranital,2018
5.	Production system and thematic area	Rice fallow, IPM
6.	Performance of the Technology with performance indicators	% damage by BPH, No of hoppers / tillers
7.	Final recommendation for micro level situation	Application of flonicamid in need based and repeated spraying of pymetrozine in 15 days interval
8.	Constraints identified and feedback for research	Untimely rainfall
9.	Process of farmers participation and their reaction	Technology accepted by the farmers

Thematic area: IPM

Problem definition: Lack of knowledge about alternative chemical and botanical pesticide

Technology assessed:

Table:

Technology option	No. of trials	Yield loss due to pest infestation (%)	Nymphs/plant	Adult/plant	Yield (q/ha)	Net return (Rs./ha)	BC ratio
FP	7	10-30	200-300	1BPH/stem	30.76	30,764	1.39
TO1		6-8	5-10	3BPH/10 hill	37.21	36,394	1.43
TO2		3-4	2-3	Nil	40.56	38,384	1.47

**Achievements on technologies assessed and refined
OFT-4**

1.	Title of On Farm Trial	Assessment of integrated management practices against stem borer in low land rice during Kharif
2.	Problem diagnosed	Suitable chemical control measure is not available
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment TO1- Nursery treatment with carbofuran 3G@ 1.5 a.i./ha + alternate spraying of fipronil 5EC @ 2ml/tr and neem oil 3000ppm @ 3ml/ ltr water at 15 days interval 55 DAT+ release of T.chilonis@ 50,000/ha twice 7 days after spraying TO2-Nursery treatment with cartap hydrochloride 4G@ 0.8 kg a.i. per hectare, + alternate spraying of neem oil 3000ppm and Indoxacarb 18.5SL@1ml/litre at 55DAT + twice release of T. chilonis @ 50,000/ha 7days after spraying.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO1 - OUAT annual report -2015, TO2- OUAT annual report -2017,
5.	Production system and thematic area	Rice fallow , IPM
6.	Performance of the Technology with performance indicators	% dead heart and % white ear head, yield q/ha, B:C ratio
7.	Final recommendation for micro level situation	Application of cartap hydrochloride in nursery and alternate spraying of Indoxacarb and twicw release of T. chillonis at 7days of spraying
8.	Constraints identified and feedback for research	Untimely rainfall
9.	Process of farmers participation and their reaction	Accepted the technology by farmers

Thematic area: IPM

Problem definition: Suitable chemical control measure is not available

Technology assessed: TO1- Nursery treatment with carbofuran 3G@ 1.5 a.i./ha + alternate spraying of fipronil 5EC @ 2ml/tr and neem oil 3000ppm @ 3ml/ ltr water at 15 days interval 55 DAT+ release of T.chilonis@ 50,000/ha twice 7 days after spraying
TO2-Nursery treatment with cartap hydrochloride 4G@ 0.8 kg a.i. per hectare, + alternate spraying of neem oil 3000ppm and Indoxacarb 18.5SL@1ml/litre at 55DAT + twice release of T. chilonis @ 50,000/ha 7days after spraying.

Table:

Technology option	No. of trials	Yield component			(%)Change	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. (1000 grain wt.)						
FP	7	4		22.3	--	39.2	34,800	58,800	24,000	1.65
TO 1		5		23	4.8	41.1	35,500	61,650	26,150	1.78
TO 2		9		23.8	5.1	43.2	36,700	65,700	29,000	1.82

OFT-5

1.	Title of On Farm Trial	Assessment of intercroops (Vegetables) in Cashew based Agroforestry system
2.	Problem diagnosed	Inter space remain vacated and no income in initial years
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Inter cropping of Cowpea and brinjal in the inter space of cashew plantation (Assessed)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP Agroforestry -2016-17
5.	Production system and thematic area	Integrated farming system
6.	Performance of the Technology with performance indicators	On going
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:

Table:

Ongoing

**Achievements on technologies assessed and refined
OFT-6**

1.	Title of On farm Trial	Comparative assessment of poultry breeds in semi intensive backyard system
2.	Problem diagnosed	Poor production and income from local non descript desi type chicken
3.	Details of technologies selected for assessment/refinement	Kaveri birds body weight at 20 weeks 1900 gms, average annual egg production 140
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CPDO, Bhubaneswar
5.	Production system and thematic area	Homestead and poultry management
6.	Performance of the Technology with performance indicators	Cost of intervention, additional income over additional investment(Rs/unit),Net Return, B:C ratio
7.	Final recommendation for micro level situation	Chicks require proper space and light in order to avoid pecking and for attaining proper growth and marketable weight
8.	Constraints identified and feedback for research	Although Aseel has good market value due to its more resemblance with desi chicken but mortality is seen due to vice i.e vent pecking/cannibalism
9.	Process of farmers participation and their reaction	Farmers actively participated and they got convinced to raise breeds in backyard condition

Thematic area: Poultry management

Problem definition: Poor production and income from local non descript desi type chicken

Technology assessed: Comparative assessment of poultry breeds in semi intensive backyard system

Table:

Technology option	No. of trials	Yield component		Yield(Body weight at 6 months) in kg	Cost of cultivation (Rs./unit of 20 birds)	Gross return (Rs./unit of 20 birds)	Net return (Rs./unit of 20 birds)	BC ratio
		Mortality %	No of eggs /bird/yr					
FP	7	40	50	1.1	1800	5100	3300	2.83
TO ₁		10	120	1.8	3285	16470	13185	5.01
TO ₂		10	140	2.3	3245	12735	9490	3.92

**Achievements on technologies assessed and refined
OFT-7**

1.	Title of On Farm Trial	Assessment of different teat dips for prevalent of mastitis in dairy animals
2.	Problem diagnosed	Increase incidence of mastitis due various unhygienic practices during milking
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: No control measure adopted TO 1: Iodine (0.5%) solution+ glycerine @15% iodine solution TO 2: KMnO ₄ (3%) solution
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source : Annual report NDRI 2015
5.	Production system and thematic area	Semi intensive farming system
6.	Performance of the Technology with performance indicators	Milk production/day, CMT teating for mastitis, cost of intervention, additional income over additional investment, B:C Ratio
7.	Final recommendation for micro level situation	Potassium permanganate is easily available and giving better result than iodine glycerine solution which is cumbersome for farmers to mix properly and use moreover iodine and glycerine solution often gives a discoloration as well as a bit pungent odour to the milk thus is not much accepted by farmers
8.	Constraints identified and feedback for research	As farmers are not in a regular practices for clean milk production so we have to convince them to follow the standing procedure for 45mins after milking followed by post milking teats dipping
9.	Process of farmers participation and their reaction	Earlier farmers were not enthusiastic to follow this procedure of clean milk production but once they started witnessing the results (milk yield) after 20-25 days they started adopted it and disseminated this technology to other farmers of the village as well.

Thematic area: Disease management

Problem definition: Increase incidence of mastitis due various unhygienic practices during milking

Technology assessed:

FP: No control measure adopted

TO1: Iodine (0.5%) solution+ glycerine @15% iodine solution

TO2: KMnO₄ (3%) solution

Table:

Technology option	No. of trials	Yield component		Increase in milk production (%)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Milk production /day	CMT testing for mastitis					
FP	07	10.5L	NIL	-	142	399	257	1.8
TO 1	07	11.8L	NIL	12.3	146.5	448.4	301.9	2.0
TO 2	07	12.2L	NIL	16.2	145.5	463.6	318.1	2.18

Achievements on technologies assessed and refined OFT-8

1.	Title of On Farm Trial	Refinement of packaging practices of <i>V. volvacea</i>
2.	Problem diagnosed	Distress Sale and low income due to poor shelf life
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Unwashed fresh fruit bodies in bud stage in polythene bags TO ₁ : Fresh Mushroom Buds washed with potassium meta bisulphite (KMS 0.1% and 0.1% citric acid,) for 10 minutes and allowed to air dry on muslin cloth for 30 min and then packed in perforated polypropylene bags punched with 10 holes stored at room temperature TO ₂ : Fresh Mushroom buds treated with potassium meta bisulphite (KMS 0.1% and 0.1% citric acid,) for 10 minutes and allowed to air dry on muslin cloth for 30 min and then packed in paper Bags punched with 20 holes (0.5 cm diameter) stored at room temperature TO ₃ : Cleaned fresh mushroom buds packed in paper bags punched with 20 holes (0.5 cm diameter) stored at room temperature.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PAU, 2010, Farmer's feedback
5.	Production system and thematic area	Homestead and Value addition
6.	Performance of the Technology with performance indicators	Additional income, Cost of input, Net profit, and B:C ratio
7.	Final recommendation for micro level situation	Cost of the paper bag should be reduced
8.	Constraints identified and feedback for research	Paper bags are not locally available and more research should be done to increase the shelf life of PSM inside paper bag during storage
9.	Process of farmers participation and their reaction	Farmers were first imparted training and involved in conducting the trial. They were happy with the performance

Thematic area:

Problem definition: Distress Sale and low income due to poor shelf life

Technology assessed: Refinement of packaging practices of *V. volvacea*

Table:

Technology option	No. of trials	Sensory Evaluation			Output (kg/bed)	Weight Loss(g)	Shelf life(hr)	Cost of cultivation (Rs./bed)	Gross return (Rs/bed)	Net return (Rs.)	BC ratio
		Overall acceptability (0-9 point headonic scale)	Colour	Texture							
FP	7	5	Brown	Delicate	900gm	100(10%)	6	70	130	60	2.07
TO-1	7	7	Pale brown	Spongy	930gm	70(7%)	12	75	167	92	2.22
TO-2	7	8	Grey	Spongy	970gm	30(3%)	24	80	194	114	2.42
TO-3	7	8	Grey	Spongy	890gm	110(11%)	36	78	169	91	2.16

Result: Though the shelf life is increasing in refinement practice farmers appreciated TO-2 as weight loss is minimum(3%)

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	Chilli	Varietal evaluation	Demonstration on Arka Harit	0.4	0.4	0	0	0	0	10	0	10	0	10		
2	Tomato	Varietal evaluation	Demonstration on Arka Samrat	0.4	0.4	0	0	0	0	10	0	10	0	10		
	Drumstick	Varietal evaluation	Demonstration on Drumstick variety Bhagya													
3	Rice	IDM	Avoid dry nursery, late planting, burning of straw, stubbles, remove weeds from the bunds and apply N in three splits. Seed treatment with tricyclazole 75 WP @ 2gm/kg seeds, alternate spraying of Metominostrobin 20 SC and Azoxystrobin 20 SC @ 1ml/litre at10 days interval starting from booting stage	1.6	1.6	0	0	0	0	9	1	9	1	10		
4	Chilli	IPM	Integrated management in combination with mechanical ,botanical and chemical measures	0.6	0.6	2	0	0	0	8	0	10	0	10		
5	Okra	IPM	Integrated management in combination with	0.6	0.6	3	0	2	0	5	0	10	0	10		

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	
			mechanical and chemical measures												
6	Char	Production technology	Electric run decorticator will shell stone to produce kernel	10 no	10 no	2	0	1	5	1	1	4	6	10	
7	Date palm	Production technology	Production of molasses using sap of date palm	1	1	0	0	5	0	0	0	5	0	5	
8	Paddy straw mushroom	Income generation activities for empowerment of rural women	Mushroom cultivation by using 5kg crumpled straw from axial flow thresher, pulse powder3%,soaking period 5 hrs	200beds	200beds	0	0	0	1	0	9	0	10	10	
9.	Greengra m	Storage loss minimization techniques	The grain pro super bag makes the principle of hermatic storage available to farmers and processors at low cost, extend the germination of seeds for planting from 6-12 months.	50nos	To be started	0		0	0	0	0	0	0		
10	Vegetable	Household food security by kitchen gardening and nutrition gardening	A nutritional garden with trailis structure, vermi compost unit, protray for seedling raising will facilitate production of vegetables round the year and improve nutrient intake at	0.5ha	0.5ha	0	0	0	10	0	0	0	10	10	

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	
			household level												
11	Tomato	Enterprise development	Preparation of tomato powder, washing, cutting into slices (5mm) and drying @80°C for 10hours. The dehydrated pices were ground into powder. It can be safely stored upto 9 months	10nos	10nos	0	10	0	0	0	0	0	10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P ₂ O ₅	K ₂ O					

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)			
					Dem o	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Sesame	CFLD	Improved variety seed (Sesame Sabitri)	85	40	6.6	3.6	83.3	22,600	42,900	20,300	1.89	18,300	23,400	5100	1.27
Groundnut	CFLD	Improved variety seeds (Groundnut CO-7)	25	10	22.3	15.4	44.8	47,200	1,11,500	64,300	2.36	41,800	77,000	35,200	1.84
Total			110	50											

* 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)			
					Dem o	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Total															

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

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Chilli	Varietal evaluation	Demonstration of different chilli varieties for higher yield	10	0.04	290.2(282-296)	217.9(212-225)	33.18	8.9	6	72500	184500	112000	2.54	72000	157500	85500	2.19
Tomato	Varietal evaluation	Demonstration on triple resistant (early blight, bacterial wilt, leaf curl virus) tomato variety Arka Samrat	10	0.4	578.2	280.9	105.83	70(g)	58(g)	170000	578200	408000	3.40	90000	224720	134720	2.49
Drumstick	Varietal evaluation	Demonstration of drumstick varieties for higher yield of drumstick	10	0.4	321(312-330)	200(175-225)	60.5	60	44	134000	207000	73000	1.54	131000	186000	55000	1.41
Rice	IDM	Demonstration on management practices of neck blast in rice	10	1.6	56	60	7.1	14		49,411	84,000	34589	1.7	41,590	61,600	20,010	1.5

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Char	Production technology	Mechanical decortication of Char seed for production of Chironji	10		20 kg/hr	2 kg/hr	90			4560	14046	9486	2.08	5490	9004	3514	0.64
Date palm	Production technology	Preparation of molasses from date palm sap	5	1	20	-				187500	240000	50000	1.28				
Mushroom	Paddy straw mushroom	Demonstration of crumpled paddy straw for mushroom cultivation as an alternative substrate	10	200 beds	Production /unit (20 kg from 10 beds)	Production /unit (18 kg from 10 beds)	10	Amt of straw used (kg) =100 Biological Efficiency (%)=10	Amt of straw used (kg) =50 Biological Efficiency (%)=18	70	150	80	2.14	40	105	65	2.64
Tomato	Value addition	Preparation of tomato powder, washing, cutting into slices (5mm) and drying @80°C for	10	50 kg	Shelf life-3 days	continuing		Sensory evaluation (9 point hedonic)	Sensory evaluation (9 point hedonic)	Cost of preparation Rs 178/-	Rs 800/-	Rs 622/-	4.5	Cost of preparation Rs 50/-	Rs 75/-	Rs 25/-	1.02

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
		10hours. The dehydrated pices were ground into powder. It can be safely stored upto 9 months						nic scale) 7	scale) 5								
Nutrition garden	Nutritional Security	Demonstration of nutritional garden for Improving Nutritional Security of farm family	10	10	Consumption of vegetables/day-832gm	Consumption of vegetables/day-520gm		Availability of vegetable/head/day-768gm	Availability of vegetable/head/day-490gm	Rs 3700	Rs 7680	Rs 3980	2.07	Rs 2800	Rs 4900	Rs 2100	1.75
		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 (Rabi 2021)	Feed management	Demonstration on probiotic supplementation in cross bred cattle and its effect on milk yield	10	10	Avg. milk yield /cow/ day - 11.6 lt	10.5 lt	10.47			95	522	427	5.49	90	473	383	5.25
Poultry (Rabi 2021)	Poultry management	Demonstration on artificial brooding management in chicks	10	1	Chick mortality-7	38	31	Live brooded chicks-93	62	Rs/100 bird s-3230	Rs /100 bird s-6045	Rs /100 bird s-2815	1.87	Rs/100 bird s-2600	Rs/100 bird s-4030	Rs/100 bird s-1430	1.55
Poultry (Rabi 2021)	Poultry management	Demonstration on introduction of low input poultry breed Kadaknath in backyard	10	200 nos	Chick mortality-5	50	45	Egg production/year=120	Egg production/year=50	Rs 3325	Rs14000	Rs10675	4.21	Rs 1800	Rs3750	Rs 1950	2.08

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 (2021-22)	Poultry management	Demonstration of multienzyme mixture on growth of chickens	10	10	1.5kg/chicken	1.8kg/chicken	20	-	-	945	2700	1755	2.85	888	2250	1362	2.53
Cow																	
Buffalo																	
Rabbits																	
Piggery																	
Sheep and goat																	
Duckery																	
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

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
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									

* 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

[illegible]

[illegible]

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	22.10.2021 27.10.2021 28.10.2021 15.12.2021	4	200	Plant protection Horticulture Animal sc Home sc
2.	Farmers Training	30.09.2021 29.10.2021 20.11.2021	3	75	Animal sc
		01.10.2021 18.08.2021 26.08.2021	3	75	Home sc
		27.07.2021 16.09.2021 11.11.2021	3	75	Plant protection
3.	Media coverage	17.10.2021 30.10.2021	2		Horticulture
		31.10.2021 02.12.2021 05.12.2021	3		Plant protection
		06.12.2021 25.12.2021	2		Animal sc
4.	Training for extension functionaries	26.07.2021 25.06.2021 29.07.2021	3		Animal sc Home sc Horticulture

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2021 and Rabi 2021-2022:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Sesame 2021 (Rabi)	Local Var	3.6	3.6	4.9	5.7	Sabitri	85	40			6.6			
2	Groundnut (Kharif)	Devi	15.4	15.3	14.6	20.8	CO-7	25	10			22.3			

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
1	Sesame (Sabitri) 2020-21	18,300	23,400	5100	1.27	22,600	42,900	20,300	1.89
2	Groundnut (CO-7) 2021-22 (kharif)	41,800	47,200	64,300	1.84	47,200	111,500	64,300	2.36

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/ household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays /house hold)
1	Sesame (Savitri)	6.6						
2	Groundnut (CO-7)	22.3						

D. Oilseed Farmers' perception of the intervention demonstrated

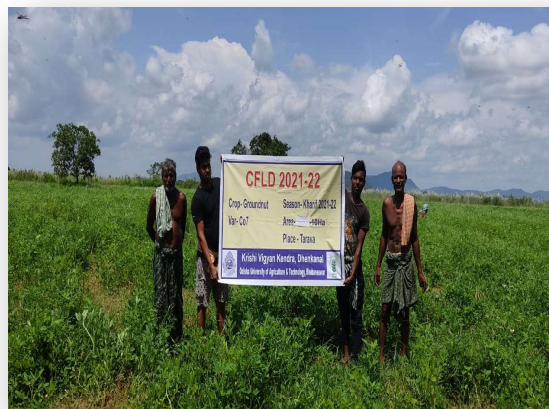
Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
	Improved variety of seed		Preferred by the farmers		---	Yes	Weeding, spraying of weedicide

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Sesame var Sabitri can be grown in well drained medium textured soil, seed coat light brown in colour, Duration 80-85days, seed rate 5kg/ha, oil content 40%, can be practiced in Rabi/Summer areas	Performance is better than local practice	Performance is better over local variety and give healthy price to farmers	The variety was accepted by the farmers
Groundnut var CO-7 is moderately resistant to leaf spot disease and rust, seed wt 46gm, oil content 70%, Duration 100-105 Days	Performance is better than local practice	Performance is better over local variety and give healthy price to farmers	The variety was accepted by the farmers

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Farmers training	17.09.2021	25
2	Field Day	22.10.2021	50

G. Sequential good quality photographs (as per crop stages i.e. growth & development)**J. Details of budget utilization**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Sesame 2021	i) Critical input	2,00,000	1,78,332	
	ii) TA/DA/POL etc. for monitoring		5,000	
	iii) Extension Activities (Field day)		4,125	
	iv) Publication of literature		10,000	
	Total	2,00,000	1,97,457	2,543

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut kharif 2021	i) Critical input		1,03,700	
	ii) TA/DA/POL etc. for monitoring		7,000	
	iii) Extension Activities (Field day)		5,850	
	iv) Publication of literature			
	Total	1,20,000	1,16,550	3,450

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

A) Farmers and farm women (on campus)

[illegible]

[illegible]

[illegible]

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Group Dynamics													
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													
Harvesting and Value addition to NTFPs	2	31	12	33	3	3	6	1	0	1	35	15	50
Total	2	31	12	33	3	3	6	1	0	1	35	15	50
XII. Others (Pl. Specify)													
GRAND TOTAL	2	31	12	33	3	3	6	1	0	1	35	15	50

B) Rural Youth (on campus)

[illegible]

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
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	1	4	2	6	9	0	9	0	0	0	13	2	15

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
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	1	9	4	13	1	1	2	0	0	0	10	5	15
Household food security													
Total	1	9	4	13	1	1	2	0	0	0	10	5	15

D) Farmers and farm women (off campus)

[illegible]

[illegible]

[illegible]

[illegible]

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
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													
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	3	19	46	65	5	1	6	2	2	4	26	49	75
Nursery management	2	23	1	24	1	0	1	9	16	25	33	17	50
Integrated Farming Systems													
Others (Harvest and	5	49	29	90	16	20	36	17	4	21	82	53	125

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
value addition of NTFPs)													
Total	10	91	76	179	22	21	43	28	22	50	141	119	250
XII. Others (Pl. Specify)													
GRAND TOTAL	44	341	499	852	77	45	122	94	54	148	502	598	1100

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	15	0	15	0	0	0	0	0	0	15	0	15
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	2	0	22	22	0	2	2	0	5	5	0	30	30
Small scale processing													
Post Harvest Technology	1	3	2	5	4	0	4	1	5	6	8	7	15
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													
Integrated pest management	2	0	0	0	0	0	0	12	28	40	12	28	40
Others (Animal sc)	1	0	0	0	5	10	15	0	0	0	5	10	15
Total	7	18	24	42	9	12	21	13	38	51	40	75	115

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	1	10	0	10	0	0	0	0	0	0	10	0	10
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs	1	10	0	10	0	0	0	0	0	0	10	0	10
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	1	7	3	10	0	0	0	0	0	0	7	3	10
Household food security													
Other													
Total	3	27	3	30	0	0	0	0	0	0	27	3	30

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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	7	80	41	123	19	23	42	18	4	22	117	68	175
Total	12	122	88	212	25	24	49	29	22	51	176	134	300
XII. Others (Pl. Specify)													
GRAND TOTAL	46	372	511	885	80	48	128	95	54	149	537	613	1150

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	15	0	15	0	0	0	0	0	0	15	0	15
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production	1	4	2	6	9	0	9	0	0	0	13	2	15
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	2	0	22	22	0	2	2	0	5	5	0	30	30
Small scale processing													
Post Harvest Technology	1	3	2	5	4	0	4	1	5	6	8	7	15
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													
Integrated pest management	2	0	0	0	0	0	0	12	28	40	12	28	40
Others(Animal Sc.)	1	0	0	0	5	10	15	0	0	0	5	10	15

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	8	22	26	48	18	12	30	13	38	51	53	77	130

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	1	10	0	10	0	0	0	0	0	0	10	0	10
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs	1	10	0	10	0	0	0	0	0	0	10	0	10
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	1	7	3	10	0	0	0	0	0	0	7	3	10
Household food security													
Other													
Total	3	27	3	30	0	0	0	0	0	0	27	3	30

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

Discipline	Client ele	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	Fertiliser management in chilli	1	Off campus	13	12	25	13	11	24
Horticulture	F/FW	Production technology of minor fruit	1	Off campus	8	17	25	0	0	0
Horticulture	F/FW	Cultivation	1	Off	13	12	25	1	0	1

Discipline	Client ele	Title of the training programme	Duratio n in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Mal e	Femal e	Tota l	Mal e	Femal e	Tota l
		practice of tuber crops		campus						
Horticulture	F/FW	Integrated nutrient management in banana	1	Off campus	4	21	25	0	0	0
Horticulture	F/FW	Production technology of cole crops cultivation	1	Off campus	2	23	25	0	0	0
Horticulture	F/FW	Cultivation practices of cucurbit crops	1	Off campus	25	0	25	0	0	0
Horticulture	F/FW	Post harvest management in mango	1	Off campus	25	0	25	0	0	0
Plant Protection	F/FW	Training on management of leaf minor in tomato	1	Off campus	20	5	25	20	5	25
Plant Protection	F/FW	Training on IPM practices for management of BPH /WBPH in rice	1	Off campus	11	14	25	11	10	21
Plant Protection	F/FW	Training on IPM practices for management of stemborer in rice	1	Off campus	0	25	25	0	3	3
Plant Protection	F/FW	IPM practices for management of groundnut white grub	1	Off campus	16	9	25	0	0	0
Plant Protection	F/FW	Training on management of BLB, Sheath blight &blast	1	Off campus	12	13	25	0	0	0
Plant Protection	F/FW	Training on use of IPM practices for management for pod borer complex in pigeon pea	1	Off campus	12	13	25	3	4	7
Plant Protection	F/FW	Training on use of IPM practices for management of different insects in maize	1	Off campus	14	11	25	8	4	12

Discipline	Client ele	Title of the training programme	Duratio n in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Mal e	Femal e	Tota l	Mal e	Femal e	Tota l
Plant Protection	F/FW	Training on use of IPM practices for sucking pest complex on okra	1	Off campus	25	0	25	15	0	15
Animal Sc	F/FW	Hybrid napier fodder production in dairy farming	1	Off campus	0	25	25	0	3	3
Animal Sc	F/FW	Different types of mastitis and measures taken for prevention and control	1	Off campus	0	25	25	0	1	1
Animal Sc	F/FW	Production performance of different dual purpose breeds in semiintensive backyard condition	1	Off campus	13	12	25	0	0	0
Animal Sc	F/FW	Introduction of unique black chicken meat variety	1	Off campus	8	17	25	2	0	2
Animal Sc	F/FW	Management of feed in pregnant dose during lean period	1	Off campus	9	16	25	0	0	0
Animal Sc	F/FW	Prevention and control of different diseases of cattle on having economic impact on dairy sector	1	Off campus	13	12	25	0	0	0
Animal Sc	F/FW	Artificial brooding management in chicks	1	Off campus	16	9	25	1	0	1
Home Sc	F/FW	Revitalising women owned mushroom farming enterprise	1	Off campus	0	25	25	0	0	0
Home Sc	F/FW	Prospective for business development of family enterprises	1	Off campus	0	25	25	0	3	3

Discipline	Client ele	Title of the training programme	Duratio n in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Mal e	Femal e	Tota l	Mal e	Femal e	Tota l
Home Sc	F/FW	Technology option for drudgery reduction of farm women	1	Off campus	0	25	25	0	1	1
Home Sc	F/FW	Practical approaches for maintaining health and sanitation for farm women	1	Off campus	0	25	25	0	0	0
Home Sc	F/FW	Promotion of womenled microfood enterprises in pulses value chain	1	Off campus	0	25	25	2	4	6
Home Sc	F/FW	Approaches to household nutrition security	1	Off campus	0	25	25	1	0	1
Forestry	F/FW	Value addition of Mahua butter	1	Off campus	20	5	25	6	2	8
Forestry	F/FW	Resin tapping in Sal	1	Off campus	19	6	25	7	2	9
Forestry	F/FW	Conservation of germplasm of local mango variety	1	Off campus	21	4	25	8	2	10
Forestry	F/FW	Physical and mechanical properties of hardwood	1	Off campus	25	0	25	9	0	9
Forestry	F/FW	Preparation of mango split by pit method	1	On campus	22	3	25	4	3	7
Forestry	F/FW	Resin tapping in sal	1	On campus	13	12	25	0	0	0
Forestry	F/FW	Macro propagation of Bamboo	1	Off campus	9	16	25	9	16	25
Forestry	F/FW	Plants suitable for fuel wood, construction wood and pulp wood	1	Off campus	0	25	25	0	1	1
Forestry	F/FW	Value addition of Tamarind	1	Off campus	7	18	25	1	4	5
Forestry	F/FW	Nursery	1	Off	24	1	25	1	0	1

Discipline	Client ele	Title of the training programme	Duratio n in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Mal e	Femal e	Tota l	Mal e	Femal e	Tota l
		technique of selected tree species		campus						
Forestry	F/FW	Impact of herbal plants for entrepreneurshi p development	1	Off campus	7	18	25	0	0	0
Forestry	F/FW	Preparation of incense stick from locally available raw materials	1	Off campus	9	16	25	9	16	25

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterpri se	Identifie d Thrust Area	Training title*	Durati on (days)	No. of Participants			Self employed after training			Numbe r of persons employ ed else where
				Male	Fema le	Tot al	Type of unit s	Numb er of units	Numbe r of persons employ ed	
Brinjal (PP)	IPM	Rural youth training on manageme nt of fruit and shoot borer in brinjal	1	5	15	20				
Mango (PP)	IPM	Rural youth training on use of IPM practices for manageme nt of different insects in manago	1	7	13	20				
Animal Sc	Feed managem ent	Silage preparatio n from maize	1	5	10	15				
Horticult ure	Nutrient managem ent	Hitech vegetable nutrient	1	15	0	15				

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
		management								
Forestry	Production of QPM	Air layering of some forest trees	1	On campus	13	2	15	9	0	9
Forestry	Income generation	Preparation of soap from mahua butter	1	Off campus	8	7	18	5	5	10
Home Sc	Income generation	Promotion of enterprises involving enterprises	1	0	15	15				
Home Sc	Income generation	Capacity building of educated RY for strengthening FPOs	1	0	15	15				

*training title should specify the major technology /skill transferred

b) Details of participation

[illegible]

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 farm machinery & implements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para0vet training													
Other													
Total													
Agricultural Extension													
Capacity building and group dynamics													
Apiary	2	0	0	0	22	18	40	0	0	0	22	18	40
Total	2	0	0	0	22	18	40	0	0	0	22	18	40
Grand Total	2	0	0	0	22	18	40	0	0	0	22	18	40

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

[illegible]

b) Details of participation

[illegible]

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
fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

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	78	82	160	35	5	3	8	83	90	173
Kisan Mela											
Kisan Ghosthi	9	289	238	532	60	9	19	28	298	257	555
Exhibition	-	-	-	-	-	-	-	-	-	-	-
Film Show	1	15	10	25	2	3	2	5	18	12	30
Method Demonstrations	5	45	26	71	5	3	1	4	48	27	75
Farmers	2	41	39	80		5	6	11	46	45	91

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ST (% of total)	Male	Female	Total	Male	Female	Total
Seminar											
Workshop	-	-	-	-	-	-	-	-	-	-	-
Group meetings	18	92	78	170	30	7	5	12	99	83	182
Lectures delivered as resource persons	35	645	230	875	30	3	8	11	648	241	889
Advisory Services	24										
Scientific visit to farmers field	240	890	790	1680	60	3	5	8	893	798	1691
Farmers visit to KVK											
Diagnostic visits	47	108	87	195	45	5	8	13	113	95	208
Exposure visits	4	170	180	350	40	11	6	17	181	186	367
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	--	-	-	-	-	-	-	-	-
Animal Health Camp	1	24	51	75	80	5	3	8	27	59	86
Agri mobile clinic	-	-	-	-	--	-	-	-	-	-	-
Soil test campaigns	-	-	--	-	--	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	--	-	--	-	-	-	-	--	---
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	-	-	-	-	-	-	-	-	-	-	-
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	38	152	76	228	20	7	5	12	159	81	240
Mahila Kisan	1	0	25	25	1	0	2	2	0	27	27

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ST (% of total)	Male	Female	Total	Male	Female	Total
Divas											
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
Total	429	2549	1912	4466	408	66	73	139	2613	2001	4614

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	12
Radio talks	2
TV talks	6
Popular articles	3
Extension Literature	3
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

[illegible]

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
Paddy	Hasanta	20.70(Unprocessed)	54,588	18	9	0	0	28	17	46	26
Grand Total		20.70	54,588	18	9	0	0	28	17	46	26

Production of planting materials by the KVKs

[illegible]

Crop	Variety	No. of planting	Value (Rs)	Number of farmers to whom planting material provided							
Mango	Amrapali, Dusseri	376	15,040	12	0	0	0	21	35	33	35
Guava	VNR BIHI, A. safeda, L. 49	1006	48300	21	8	0	0	42	21	63	29
Lime	K.lime	480	17,700	11	8	3	0	11	7	25	
Papaya	Red lady	1231	27,835	19	2	0	0	15	21	34	
Banana											
Coconut	Gangabodham dwarf green	892	1,42,720	22	25	0	0	21	34	43	59
Apple	HRM-99	72	14,400	3	6	0	0	12	13	15	19
Areca nut	Mohit nagar	417	25,020	3	14	21	0	0	50	24	64
Drumstick	Bhagya	869	13,035	11	5	25	2	5	16	41	23
Ornamental plants	Marigold (BM)	19,500	23,400	12	15	21	3	0	23	33	41
	INCA	425	2550	21	24	0	0	0	26	21	50
Medicinal and Aromatic Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total		65112	429610	215	201	134	69	183	404	532	636

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 Vermicompost	1126kg	16,890	38	8	26	0	35	29	99	37
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, please specify.										
Total	1126kg	16,890	38	8	26	0	35	29	99	37

Production of livestock materials

[illegible]

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
Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry											
Broilers											
Layers											
Duals (broiler and layer)	Aseel,kaveri, kadaknath	4037	2,85,110	78	89	21	20	12	21	111	130
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp	IMC	219KG	28,470	23	29	12	17	21	37	56	83
Fish fingerlings	IMC	57,000	48,450	23	20	12	12	25	37	60	69
Spawn											
Fish fry	IMC	18,84,000	4,14,480	20	29	17	12	24	34	61	75
Yearling	IMC	777.5kg	1,55,500	23	21	12	27	21	37	56	85
Grand Total			932010	167	188	74	88	103	166	344	442

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 2020	Paddy	Pooja	168	5.6	139	F/S
	Paddy	Hasanta	12	0.4	11.2	F/S
Rabi 2020-21						

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Summer/Spring 2021						
Kharif 2021	Paddy	Hasanta	36	1.2	20.7(Unprocessed)	F/S
Rabi 2021-2022						

iii) Financial Progress

Fund received (2017-18, 2018-19, 2019-20, 2020-21, 2021-22)	Expenditure (Rs. in lakh)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2017-18	45.0	1.56		
2018-19	18.0	5.88		
2019-20	50.0	9.33		
2020-2021	52.0	15.6		
2021-2022	46.0	7.62		

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	Baigyanika padhhati re panipariba chasa	D, S. Kar	200	200
	Baigyanika padhhati re kukuda palana	R, B. Nayak	200	200
	Baigyanika padhhati re chhatu chasa	S. Pal	200	200
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL			600	600

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.	Indian Horticulture congress Kanpur, Uttarpradesh	1	Dibya Sundar Kar	18 th to 21 st Oct 2021	Kanpur, Uttarpradesh
2.	Refresher training programme for scientist/SMS (Ag Engg & Home Sc) of KVK	1	Sasmita Pal	4 th to 6 th Jan 2022	ICAR, ATARI
3.	Scientific Dairy farming for sustainable economic security	1	Roshni Bala Nayak	6 th to 10 th Dec 2021	ICAR, ATARI
4.	National Seminar on Overcoming the challenger :Role on science and technology	1	Sefali Rout	20 th to 21 st nov	Odisha environment society and Ravenshaw University
5.	International web conference on global research initiative for sustainable agriculture and allied science	1	Sefali Rout	13 th to 15 th Dec	Society for scientific development in agriculture and technology Meerut India
6.	National training on "On farm and mass production protocols of bioagents and microbial agents for fall army worm management" for CWZ	1	Sanghamitra Sahu	6 th Oct- 8 th Oct	IIMR

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

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

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.
1	Mridaparikshak –	2 nos.
2	Thermo hygrometer	1 no
3	Hand refractometer	1 no
4	Electronic automatic kelplus microprocessor based twenty place macro block digestion system	1 no
5	Electronic acid neutralizer scrubber	1 no
6	Electronic kelplus micro processor based automatic nitrogen distillation system	1 no
7	Electronic titration system for kelplus system	1 no
8	Flame photometer	1 no
9	Spectrophotometer	1 no
10	Servo Stabilizers	1 no
11	Hot plate	1 no
12	Micro processor based pH meter	1 no
13	Onductivity meter	1 no
14	Refrigerator	1 no
15	Ele. Top Pan Balance	1 no
16	Physical Balance	1 no
17	Soil Augur	1 no
18	Bouyoucos Hydrometer	1 no
19	Mechanical Stirrer	1 no
20	Colony Counter	1 no
21	Plant Sample Grinder / Laboratory Mill	1 no
22	Hot Water Bath	1 no
23	Horizontal Shaker	1 no
24	Distilled Water Unit	1 no

Sl. No	Name of the Equipment	Qty.
25	Hot Air Oven	1 no
26	Laboratory Centrifuge	1 no
27	Sieves	1 no
28	Soil Augur / Sampling Tube (Screw/tube)	1 no
29	Soil Thermometer	1 no
30	Olympus (Microscope) Model ML-14	1 no
31	Olympus (Microscope) Model MS-13	1 no
32	Bod Incubator	1 no
33	Digital Refractometer	1 no
34	Drying cabinet	1 no

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
142	-	124	110	35	-

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	100	18	CDAO, DDH, CDVO, DFO, Block AAOs, Senior Scientist KVK, Dhenkanal, ADR RRTTS, PD Watershed	50	100

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
Bana Mahotsab	2	50	Crop
Parthenium Week	1	25	Crop
Vigilance Awareness week	2	30	
Swachhata pakhwada	7	50	
Jay jawan Jay kishan week	5	30	Crop

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

No of student trained	No. of days stayed
1	60
30	2

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
13.01.2021	Dr. B C Nayak, Former Dean CA, OUAT, BBSR	Visit to KVK farm
13.01.2021	Dr. G S Sahu, HOD Vegetable Science, OUAT, BBSR	Visit to KVK farm
13.01.2021	Dr. L M Garnayak, DEE, OUAT, BBSR	Visit to KVK, training programme
03.02.2021	Dr. K. C Barik, Dean Research	Visit to KVK
12.02.2021	Sri Mahesh Chandra, Asst. Director, CIPMC, Bhubaneswar	Visit to KVK
12.02.2021	Rajendra Pradhan, PPO, CIPMC, Bhubaneswar	Visit to KVK
12.02.2021	Pranaballava Sahani PPO, CIPMC, Bhubaneswar	Visit to KVK
27.02.2021	Prof. P K Roul, MD APICOL	Visit to KVK
16.08.2021	Dr. Kundan Kishore, Principal Scientist CHES	Visit to KVK
19.08.2021	Dr. R K Paikaray, HOD Agronomy, CA, OUAT, BBSR	Visit to KVK
20.09.2021	Dr. W S Dhillon Former ADG Horticulture ICAR	Visit to KVK
08.12.2021	Prof. P J Mishra, DEE, OUAT, BBSR	Attending SAC meeting

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)

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

Give information in the same format as in case studies

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

5.2. List of special programmes undertaken during 2021 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1	Mushroom	2006-07	179	V.Volvacea, P.sajarcaju	Mushroom	280 kg	19110	20000	Public sale
2	Vermicompost	2006-07	179	E.foetida	Vermicompost	1126 kg	7245	16890	Public sale
3	Polyhouse	2010-11	110	Arka rakshak, Arka Samrat,	Vegetable seedlings	65112	259980	429610	Public sale,

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	
				Arka Harita, Gangabodham dwarf, Mohit Nagar Early snow ball, Bhagya etc					FLD and OFT
4	Poultry		36	Aseel, Kadaknath, Chabro, Pallishree	21 days old chicks	4073	189292	285110	Public sale, FLD and OFT
5	Pisciculture unit	2017-18	12 acre	IMC	Fish	219 kg	238555	646900	Public sale
					Fingerling	57000			
					Fry	1884000			
					Yearling	777.5 kg			
	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		16.12.21	2.4	Pooja	FS	24.5	255655	Stock in hand	Due to untimely rain Rice var Pooja is damaged and Hasanta is partially damaged
		18.12.21	1.2	Hasanta	FS	20.7			

6.3. 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	1126 kg	7245	16890	Public sale

6.4. 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	Fish	219 kg	238555	646900	Public sale
			Fingerling	57000			
			Fry	1884000			
			Yearling	777.5 kg			
2.	Poultry	Aseel, Kadaknath, Chabro, Pallishree	Chicks	4073	189292	285110	Public sale, FLD and OFT

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: Yes

No. of staffquarters:6

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
January	✓	✓	✓	✓	✓	✓
February	✓	✓	✓	✓	✓	✓
March	✓	✓	✓	✓	✓	✓
April	✓	✓	✓	✓	✓	✓
May	✓	✓	✓	✓	✓	✓
June	✓	✓	✓	✓	✓	✓
July	✓	✓	✓	✓	✓	✓
August	✓	✓	✓	✓	✓	✓
September	✓	✓	✓	✓	✓	✓
October	✓	✓	✓	✓	✓	✓
November	✓	✓	✓	✓	✓	✓
December	✓	✓	✓	✓	✓	✓

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current (KVK)	SBI, ADB, Mahisapat	At- College Road, Dhenkanal	10700059409
Current (BioTech KISSAN)	SBI, ADB, Mahisapat	At- College Road, Dhenkanal	39598761782
Current	SBI, ADB, Mahisapat	At- College Road, Dhenkanal	39598764829
SB (RF Account)	SBI, ADB, Mahisapat	At- College Road, Dhenkanal	30306531704

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April, 2021
	Kharif	Rabi	Kharif	Rabi	
Oilseed	120000	120000	109811		

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2021
	Kharif	Rabi	Kharif	Rabi	

Utilization of KVK funds during the year 2021-22(Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	12100000	10075000	
2	Traveling allowances	120000	60000	30000
3	Contingencies			
A	OE/POL	500000	675000	675000
B	Training (Meals & Refreshment), Training material	375000		
C	FLD	188000		
D	OFT	187000		
E	SCSP	200000	410000	400000
F	Library	10000		
G				
H				
I				

J	Swachhta Expenditure/ SAP Fund	15000		
TOTAL (A)				
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		13680000	11220000	1105000

7.5. Status of revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2019-20	164774	1257939	933851	488822
2020-21	488822	1126889	1564731	50980
2021-22	50980	1092802	762775	381007

7.6. (i) Number of SHGs formed by KVKs

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop		
Livestock		
Fishery		
Weather		
Marketing		
Awareness		
Training information		
Other		
Total		

9.4. KVK Portal and Mobile App

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

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
38nos	cleaning of Office premises, demo units, Orchard, compost making, cleaning of villages and public places.

b. Details of Swachhta activities with expenditure

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

Activities	Number	Expenditure (in Rs.)
16. Any other specific activity (in details)		
Total	56	

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 Swachhta Hi Suraksha programme(16-31.12.2021) organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
-	-	-	-	-	-

9.10. Details of Mahila Kisan Divas programme(15.10.2021) organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Group meeting	2	25	2	Department officials

9.11. 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

9.12. Revenue generation

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

9.13. Resource Generation:

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

9.14. Performance of Automatic Weather Station in KVK

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

9.15. 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

b) Introduction / General Information:

11. Celebration of World Food Day in 2021

12. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)

Crop Management

Livestock and fisheries

Institutional interventionsCapacity building[illegible]

Detailed report should be provided in the circulated Performa

Award received by Farmers from the KVK district

14. Any significant achievement of the KVK with facts and figures as well as quality photograph

16. Integrated Farming System (IFS)

17. Technologies for Doubling Farmers' Income

18. a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2021

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		

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs., if any**) if undertaken during 2021

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	

19. 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

20. Specific programmes for the period

i. Achievements in SCSP (Scheduled Caste Sub-Plan) (Specific for SC farmers only)

Sl. No.	Activity	No. of SC farmers/ stakeholders		
		Male	Female	Total
1	On- farm trials			
2	Frontline demonstrations			
3	No. of Training programmes for farmers			8
4	Farmers trained	63	57	110
5	No. of Training programmes for Extension Personnel			
6	Extension Personnel trained			
7	Participants in extension activities			
8	Distribution of seed			
9	Planting material distributed			
10	Livestock strains and fingerlings distributed			
11	Soil, water, plant, manures samples tested			
12	Mobile agro-advisory provided to farmers			
13	Other (Please specify)			

ii. Capacity building of farmers through training on Profitable Dairy Farming and Livestock Management (In case your KVK has Scientist (Animal/Veterinary Science))

Sl. No.	Title of the training	Date/ Duration	No. of Participants							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
1	Quality seed and planting material production (Horticulture)	10days	50	0	0	0	0	0	0	50
2	Skill development training on scientific beekeeping (Plant protection)	10days	18	22	0	0	0	0	18	22
3	Entrepreneurship development through poultry farming	10days	14	26	0	0	0	0	14	26

Sl. No.	Title of the training	Date/ Duration	No. of Participants							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
	(Animal sc)									
4	Entrepreneurship development from secondary agriculture (Home sc)	10days	31	9	0	0	0	0	31	9

iii. Status of Natural Farming

Crop/ Commodity involved in Natural farming	Area covered under such farming (ha)	No. of farmers practicing Natural farming at present	Details of individual farmers (Name and Contact No.)	Organic component/ inputs used for such farming

iv. Farmer Producer Organizations

a) General information

Sl. No.	Name & Address of FPO	Name & Contact No. of Head of FPO	No. of farmer members of FPO			Crop/ Enterprise dealt with by FPO	Kind of support provided by KVK in running/ starting of FPO (in brief)
			M	F	T		
1	Dharitree Agro Plus Farmers Producer Company Ltd, Plot No. - 5169 , Tilapada, Chaulia, Dhenkanal, PIN - 759014		107	101	208	Input service, Trading, Processing unit establishment, Agro Service Centre Commodity Identified: Watermelon, sweet corn, vegetables	Technical support through group meetings and training
2	Mahima Alekh Farmers Producer Company Ltd. Plot No-2525, At- Ambapada, P.O.- Karamul, Block- Gondia, Dhenkanal, PIN- 759014		188	52	220	Input service, Trading, Processing unit establishment, Agro Service Centre Commodity Identified: Groundnut, Vegetables, Pulses	Technical support through group meetings and training
3	Saptasajya Agro Producer Co-operative limited, 2017-18	Sri. Krutibash Biswal, Contact No. 9583857512	202	43	245		1. Capacity building 2. Liasioning with horticulture department for vegetable seed license
4	Odapada Agro	Sri. Golakha	552	103	605		1. Seed / fertilizer

Sl. No.	Name & Address of FPO	Name & Contact No. of Head of FPO	No. of farmer members of FPO			Crop/ Enterprise dealt with by FPO	Kind of support provided by KVK in running/ starting of FPO (in brief)
			M	F	T		
	Producer Co-operative limited, 2017-18	Bihari Khuntia, Contact No. 7894922733					outlet (license) 2. Capacity building 3. RE linkage meeting
5	Sourika Farmers Producer company, 2014-15	Smt. Binapani Sahoo,	115	135	250		1. Capacity building 2. Training 3. Awareness campaign 4. Exposure visit

Financial information

Name & Address of FPO	Date of Registration	FPO Registered (Y/N)	Application Submitted for Registration (Y/N)	No. of share-holding farmer members	Equity Amount Collected (Rs.)	Bank Account Opened (Y/N)	Board Reconstituted after attaining minimum membership (Y/N)

v. Nutri-gardens (Village wise)

Sl. No.	Name of village	Name of crop	Area under the crop (acre)	No. of farmers			Whether bio-fortified variety of crop used (If yes, mention variety & crop)
				M	F	T	
	Patrabhaga	Spinach,amaranthus,radish,beans, cabbage, coriander, carrot, chilli, brinjal, pumpkin, guar, okra, tomato, papaya,drumstick	1.6	0	40	40	
	Saratentulia	Spinach,amaranthus,radish,beans, cabbage, coriander, carrot, chilli, brinjal, pumpkin, guar, okra, tomato, papaya,drumstick	0.4	0	10	10	
	Ambakholakateni	Spinach,amaranthus,radish,beans, cabbage, coriander, carrot, chilli, brinjal, pumpkin, guar, okra, tomato, papaya,drumstick	0.8	0	20	20	
	Kanapala	Spinach,amaranthus,radish,beans, cabbage, coriander, carrot, chilli, brinjal, pumpkin, guar, okra, tomato, papaya,drumstick	0.24	0	6	6	

Sl. No.	Name of village	Name of crop	Area under the crop (acre)	No. of farmers			Whether bio-fortified variety of crop used (If yes, mention variety & crop)
				M	F	T	
	Parbatia	Spinach,amaranthus,radish,beans, cabbage, coriander, carrot, chilli, brinjal, pumpkin, guar, okra, tomato, papaya,drumstick	0.2	0	5	5	
	Vejibolua	Spinach,amaranthus,radish,beans, cabbage, coriander, carrot, chilli, brinjal, pumpkin, guar, okra, tomato, papaya,drumstick	0.28	0	7	7	

vi. **Progress report on scientific beekeeping (2020-21 & 2021-22)**

Name of KVK	Total budget allotted (Rs.)	Total budget utilized (Rs.)	Physical Training organized			Online Training organized				
			No. of training	No. of total participants		No. of training	No. of total participants			
				M	F	T		M	F	T
	4,60,575	3,30,500	2	37	13	50	-	-	-	-

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

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

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