PROFORMA FOR ANNUAL REPORT2023 (January-December 2023)
KVK, Ganjam-II

1. GENERAL INFORMATION ABOUT THE KVK

KrishiVigyan Kendra, Ganjam-II was established by ICAR in June 2012 under the control of OUAT at Ratanpur farm. At present it is operating in new location at Golanthara, block-Rangeilunda. It is surrounded by Kandhamal in the North-West, Nayagarh in the North, Khurda in the North-East, Gajapati district in the West and Bay of Bengal in the South-East. On its Southern periphery the district borders the state of Andhra Pradesh. Ganjam district is broadly divided into two divisions spreading over an area of 8206.0 Sq.km. The plains lies between the Eastern Ghats and the Bay of Bengal. Since the hills are close to the sea, the rivers flowing from hills are not very long and are subject to sudden floods. The plains are narrow because of the absence of big rivers. The coastal plains in the east contain more fertile and irrigated lands. The south eastern portion is fertile. Ganjam economy is predominantly agrarian. Around 80 percentage of the population depends on agriculture and allied activities. The long sea and Chilika coast line is a source of rich marine products and lime shells. Ganjam is a major salt producing district in the state.

KVK serves as the knowledge hub and resource centre of agricultural technologies for the farmers of the district. It operates as per mandates of ICAR for the upliftment of socio-economic condition of the farming community. Ganjam-II is the 2nd Krishi Vigyan Kendra of Ganjam district and lies between $19^0$4' to $20^0$17' Latitude and $84^0$7' to $85^0$12' Longitude

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

Address	Telephone		E mail
	Office	FAX	
KrishiVigyan Kendra, Ganjam-II At: Golanthara; P.O: Golanthara; Berhampur; Dist: Ganjam; Odisha – 761008	9437360866		kvk.ganjam2@ouat.ac.in

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

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture and Technology **Bhubaneswar -751003Orissa**			

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sujit Kumar Nath		9437360866	sknath@ouat.ac.in

1.4. Year of sanction of KVK:2012

1.5. Staff Position (**as on 1st January, 2023**)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/Others)
1	Senior Scientist& Head	Dr Sujit Kumar Nath	Sr. Scientist & Head	Agriculture Extension	79800-211500 Rs. 98200	05.07.2023	Permanent	Others
2	Subject Matter Specialist	Dr. Debasis Sarangi	Scientist (Soil Sc.)	Soil Sc	57700-182100 Rs. 92500	01.09.2012	Permanent	Others
3	Subject Matter Specialist	Dr. Sidhartha Sankar Das	Scientist(Fishery Sc.)	Fishery Sc.	57700-182100 Rs. 84700	23.06.2012	Permanent	Others
4	Subject Matter Specialist	Mr Sandeep Mohanty	Scientist (Plant Protection)	Plant Protection	15600-39100,GP-6000 Rs. 23950	12.06.2018	Permanent	Others
5	Subject Matter Specialist	Mrs. Sasmita Priyadarshini	SMS (Agronomy)	Agronomy	56100-177500 Rs.-65000	06.07.2023	Permanent	SC
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant							
9	Computer Programmer	Sri Bhakti Ranjan Palai	Prog. Asst.(Comp.)	Computer Sc.	35400-112400 Rs. 58600	18.06.2012	Permanent	Others
10	Farm Manager	Sri Rabi Sankar Mishra	Farm Manager	Plant Protection	35400-112400 Rs. 50500	08.06.2021	Permanent	Others
11	Accountant / Superintendent							
12	Stenographer	Sri Saubhagya Ranjan Das	Steno–cum-Comp. Operator	-	25500-81100 Rs. 31400	15.02.2014	Permanent	Others
13.	Driver	Sri Rabi Narayan Mohapatra	Driver-cum-Mechanic	-	19900-63200 Rs. 28400	30.05.2018	Permanent	Others
14.	Driver							
15.	Supporting staff	Sri Bisia Pradhan	Peon-cum- Watchman	-	16600-52400 Rs. 24300	07.10.2013	Permanent	Others
16.	Supporting staff							

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	
2.	Under Demonstration Units	
3.	Under Crops	
4.	Orchard/Agro-forestry	
5.	Others with details	
	Total	

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building	-	-	-	√	-	267.28	-	ICAR
2.	Farmers Hostel	√	-	-	-	-	300	-	ICAR
3.	Staff Quarters (6)								
4.	Piggery unit								
5	Fencing				-	Completed	-	-	RKVY
6	Rain Water harvesting structure								
7	Threshing floor								
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others,Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Tractor	2016	529345	675 hrs	Good condition
Bolero	2023	900000	10200	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil Equipment	2017	85400	Running	ICAR
Lab equipment for Home Sc	2018	50000	Running	ICAR
b. Farm machinery				
c.AV Aids				
Pico projector	2017	17467	Running	ICAR
Handy Cam	2018	31000	Running	ICAR
Camera	2018	23500	Running	ICAR
Projector	2017	38858	Running	ICAR
Portable sound system	2023	14600	Running	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Power Operated	2017	15238	Running	ICAR
Gaured tiller	2016	96900	Running	ICAR
HP pump	2017	65918	Running	ICAR
Accemor	2017		Running	ICAR
MB plough	2017		Running	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl.No.	**Date**	**Number of Participants**	**Salient Recommendations**	**Action taken**	**If not conducted, state reason**
1.	28.12.2023	45	IFS should be promoted in a sustainable manner	➢FLD on IFS has been taken up with scientific approaches ➢Training conducted- 7 nos. ➢Villages covered- 18 (Govindanagar, Golanthara, Nandika, Ambagaon, Balipada, Rangailunda-T. Giria, Padripali, Kukudakhandi- Nistipur, Sumandi, Sukunda, Pallinabhapur, Hinjali, Sasanpadar, Dayapalli, Santoshpur) ➢No of farmers covered: 32 nos ➢Area covered- 8.16 ha . ➢KMAs- 4, Video – 5 nos	
			OFT on little millet should be taken up	➢OFT on little millet has been taken up in kharif 2023 ➢Farmers covered- 10 ➢Area-2 ha	

				➢ Villages covered- Padripalli, Dhapasahi, Tumba	
			More demonstration on pulses and millet should be taken up	➢ Demonstration on green gram has been taken up under IRRI-DSR programmme in 25 acre in villages Oriya Sahi, Pathara, Radhamohanpur, Sanabiswanathpur during this rabi season. OFT on finger millet and little millet has already been taken in Sanabiswanathpur, Badakusumi, Medinipur, Tumba, Padripalli ➢ No of farmers covered- 42 ➢ Area covered-12 ha ➢ Season- Kharif And Rabi 2022-23	
			Demonstration of seed production should be promoted	➢ Dhanicha seed production-2ha ➢ Rice seed production-5 ha ➢ Ragi, pigeonpea seed production has already been taken up.	
			Promotion of natural farming in the district should be encouraged	➢ 440 no of farmers are trained on natural farming till yet. KVK has a demonstration unit of natural farming in its campus . ➢ Area covered-42 ha ➢ Villages covered- Golanthara, Kusumi, Chikarada, Sanabiswanathpur, Medinipur, Pursotampur, Badakharida, Kolasingh, Ralaba, Mahisanpur.	
			Use of solar trap should be encouraged	➢ Different Solar based machines along with traps are demonstrated in resilience project & in KVK demonstration unit for the benefit of farmers	
			FLD on brackish water aquaculture should be emphasised.	➢ FLD on brackish water aquaculture (crab cultivation) has been taken up. ➢ No of farmers covered- 10 ➢ Area covered-1 ha ➢ Villages covered- Sonapur, Surala, Kaitha ➢ Season- Kharif 2023	
			Demonstration on dragon fruit should be taken up extensively.	FLD on dragon fruit will be taken up in Rabi 2023-24 and will be conducted soon taking the QPMs from ICAR-CHES	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2023)

<table>
<tr><th>Sl. no.</th><th>Item</th><th>Information</th></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td>Paddy-pulse (Green gram, Black gram)
Paddy- groundnut
Paddy-Vegetables (Solanaceous , Cole crops and cucurbits)
Floriculture –vegetable –apiculture
Vegetable- vegetable (Kharif tomato, radish, Cauliflower-Vegetables)
Paddy - mustard
Paddy + vegetable + Fishery +Duckery
Ground nut- pulses
Pulses-Vegetable
Paddy + fodder + Diary + goatery
Mango + Spices (Ginger and turmeric) +Poultry
Agriculture-horticulture –mushroom- poultry -
Ragi + Pulse
Maize-Vegetable
Paddy-Mustard-Vegetable (Tomato)
Paddy- Fallow</td></tr>
<tr><td>2</td><td>Agro-climatic Zone</td><td><u>East & South Eastern Coastal Plain Zone</u></td></tr>
<tr><td>3</td><td>Agro ecological situation</td><td>East and South East Coastal Plain zone
<table>
<tr><th>Agro-Ecological Situation</th><th>Name of the Blocks covered</th></tr>
<tr><td>1. Coastal Irrigated Alluvium</td><td>Chikiti, Rangailunda, Chatrapur, Ganjam</td></tr>
<tr><td>2. RainfedAlluvium</td><td>Patrapur, Chikiti, Rangailunda</td></tr>
<tr><td>3. Coastal Alluvial Saline</td><td>Chikiti, Ranhgailunda, Chatrapur, Ganjam, Khallikote</td></tr>
<tr><td>4. Rainfed Laterite</td><td>Patrapur, Kukudakhandi, Sanakhemundi, Chatrapur, Hinjili, Khallikote, Polsara, Kodala, Kabisuryanagar</td></tr>
<tr><td>5. Rainfed Red and Laterite</td><td>Chikiti, Kukudakhandi, Hinjili, Khallikote, Sanakhemundi, Rangailunda, Digapahandi, Purusottampur, Kabisuryanagar</td></tr>
<tr><td>6. Mixed Black & alluvium</td><td>Ganjam, Chhtrapur</td></tr>
</table></td></tr>
<tr><td>4</td><td>Soil type</td><td>East & South Eastern Coastal Plain Zone
i) Alluvial soil-71000 ha
ii) Red soil -232000ha
iii) Saline soil -26000 ha</td></tr>
<tr><td>5</td><td>Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others</td><td>Paddy- 43 q/ha , Maize: 27 q /ha, Greengram- 8 q / ha , Blackgram-15 q/ha
Brinjal- 129 000mt),Tomato: 56870 mt
Cauliflower</td></tr>
<tr><td>6</td><td>Mean yearly temperature, rainfall, humidity of the district</td><td>Temperature:Maximum: 34^0 C, Minimum: 18.9^0 C
Normal rainfall : 1295.6 mm</td></tr>
</table>

Note: Please give recent data only

Area, Productivity & production of Major crops of Ganjam district

Sl.No.	Name of the crop	Kharif			Rabi		
		A (000ha)	Y (kg/ha.)	P (000MTS)	A (000ha.)	Y (kg/ha)	P (000MTS)
01	Paddy	251.32	2800	703.396			
02	Green gram	3.58	455	1.63	155.84	521	81.19
03	Ragi	45.0	895	40.28	0.94	1003	2.44
04	Black gram	16.38	466	7.63	32.80	468	15.35
05	Groundnut	11.40	1250	14.25	18.68	1928	36.02
06	Sesamum	11.63	414	4.81	14.57	420	6.12
07	Pigeonpea	13.6	934	12.7			
08	Maize	10.95	2282	27.66	0.93		
09	Horsegram				11.92	378	4.51
10	Sunflower				0.49	1115	0.55

Area, Productivity& production of Major Horticulture crops of Ganjam district

Sl.No.	Name of the crop	Area (In '000 ha)	Productivity (in Kg./ha)	Production (in '000 MT)
01	Brinjal	5.02	25750	129.16
02	Cabbage	1.51	27920	42.05
03	Cauliflower	2.41	14760	35.56
04	Okra	3.46	8760	30.33
05	Pea	0.34	9060	3.07
06	Chilli	5.42	1360	7.37
07	Tomato	4.42	12870	56.87
08	Onion	0.59	8650	5.11
09	Potato	0.36	15120	5.49
10	Sweet Potato	7.52	9780	73.55
11	Radish	0.54	11750	6.38

Note: Please give recent data only

2.b. Details of operational area / villages (2023)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Chhatrapuhr	Chhatrapur	Rajanapalli	Rice, Maize, Pigeonpea, Greengram, Blackgram, Sesamum, Ground nut,Vegetable	• Severe weed incidence in paddy • Blast disease in paddy • Low yield in arhar • Use of traditional verities of green gram Improper nutrient management green gram	• Varietal substitution • weed management • Pest & diseases management • Integrated nutrient management • Targeting rice fallow

2	Chhatrapuhr	Rangeilunda	Putipadar	Rice,Sugarcane, Blackgram, Greengra m, Mustard, Sesamum	• Severe weed incidence in paddy • Low yield in mustard • Use of traditional verities of green gram 3 Improper nutrient management green gram	• weed management • Pest & diseases management • Integrated nutrient management • Targeting rice fallow • Varietal substitution 7
3	Chhatrapuhr	Ganjam	Jharapadar	Rice, Maize, Pigeonpea, Greengram, Blackgram, Sesamum, Ground nut,Vegetable	• Severe weed incidence in paddy • Low yield in arhar • Use of traditional verities of green gram 4 Improper nutrient management green gram	• weed management • Pest & diseases management • Integrated nutrient management • Targeting rice fallow • Varietal substitution 8
4	Berhampur	Patrapur	Narayanpur	Rice, Blackgram, Green gram, Groundnut	• Severe weed incidence in paddy • Use of traditional verities of green gram 5 Improper nutrient management in green gram	• weed management in rice • Pest & diseases management • Integrated nutrient management • Targeting rice fallow • Varietal substitution 9
5	Berhampur	Chikit	Panada	Rice, Greengram, Blackgram, Sesamum, Vegetable	• Use of traditional verities of green gram • YMV infection in green gram 6 Severe weed incidence in paddy	• weed management in rice • Pest & diseases management • Integrated nutrient management • Targeting rice fallow 10 Varietal substitution
6	Berhampur	Rangelunda	Sanabiswanathpur	Rice, Greengram, Blackgram, Sesamum, Vegetable	• Use of traditional verities of green gram • YMV infection in green gram 7 Severe weed incidence in paddy	• weed management in rice • Pest & diseases management • Integrated nutrient management • Targeting rice fallow 11 Varietal substitution

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2023) for its development and action plan

Name of village	Block	Action taken for development
Chhatrapur	Rajanapalli	OFT, FLD, Training, field day, diagnostic field visit
Rangeilunda	Putipadar	OFT ,FLD, Training, field day, diagnostic field visit
Ganjam	Jharapadar	OFT ,FLD, Training, field day,

		diagnostic field visit
Patrapur	Narayanpur	OFT ,FLD, Training, field day, diagnostic field visit
Chikit	Panada	OFT ,FLD, Training, field day, diagnostic field visit
Rangelunda	Sanabiswanathpur	OFT ,FLD, Training, field day, diagnostic field visit
Rangeilunda	Radhamohanpur	OFT ,FLD, Training, field day, diagnostic field visit

2.1 Priority thrust areas

S. No	Thrust area
1.	Crop diversification and intercropping
2.	Integrated Nutrient management.
3.	Varietal replacement of field and horticultural crops.
4.	Integrated crop management.
5.	Integrated pest management
6.	Integrated disease management.
7.	Integrated weed management.
8.	Production of quality seeds, seedlings and planting materials
9.	Off-season vegetable cultivation
10.	Market led production strategies
11.	Women empowerment through Income Generating Activities
12.	Promoting Nutritional and Kitchen gardening
13	Breed up gradation of farm animals and poultry
14	Production of organic inputs
15	Nursery raising and management
16	Cultivation of High value & commercial crops
17	Post-harvest technology and value addition
18	Dairy and livestock management
19	Drudgery reduction for farm women
20	Group formation and management of groups
21	Integrated fish farming
22	Fry and fingerling rearing
23	Dairy and livestock management.
24	Popularization of dual purpose bird Banaraja, poultry vaccination to prevent diseases.

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD											
No. of technologies tested:												No. of technologies demonstrated:											
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
9	9	66	9	4	5	2	50	11	46	17	66	19	19	185	21	14	10	8	82	46	117	68	185

Training												Extension activities											
Number of Courses		Number of Participants										Number of activities		Number of participants									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
79	79	2010	198	35	52	21	1049	655	1299	711	2010	697	600	41100									41100

Impact of capacity building												Impact of Extension activities											
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)										Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									
Target	Achievement	SC		ST		Others		Total				Target	Achievement	SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T	

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
100	88.8	1.1	1.15

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
2.0	2.0	535	535

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication

Research paper							
Seminar/conference/ symposia papers							
Books	4	2000					
Bulletins							
News letter	2	1000					
Popular Articles	2	1000					
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)	4	4					
TOTAL	12	4004					

3.1 Achievements on technologies assessed and refined

OFT-1(Horticulture)

1.	Title of On farm Trial	Assessment of foliar application of biostimulants on growth and flowering of African marigold
2.	Problem diagnosed	Low productivity and poor quality flowers of marigold
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : No application of growth regulator T O_1 :Spray of Seaweed extract @ 1% at 30,45,60 DAT T O_2 :Spray of humic acid @ 0.2 % at 30,45,60 DAT
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Annual Report ICAR-DFR 2015-16 Annual report , TNAU, 2016-17
5.	Production system and thematic area	Crop management
6.	Performance of the Technology with performance indicators	No. of branches per plant**,** Days taken for flower bud appearance, No. of flowers per plant, Shelf Life (days)
7.	Final recommendation for micro level situation	By spray of humic acid @ 0.2 % at 30,45,60 days after transplanting the 1st flower comes 12 days earlier and yield increases by 24%.
8.	Constraints identified and feedback for research	No application of growth promoter in marigold leads to low flower productivity. Spraying of growth regulator with proper dose at 30,45,60days after planting is necessary to enhance the flower quality and yield
9.	Process of farmers participation and their reaction	Training, Group discussion /satsifactory

Thematic area:

Problem definition: Low productivity and poor quality flowers of marigold

Technology assessed: Assessment of foliar application of biostimulants on growth and flowering of African marigold

Table:

Technology option	No. of trials	**Flower Yield (q/ha)**	**% increase**	**Time taken to 1st flower(days)**	**Gross cost**	**Gross return**	**Net return**	**B:C Ratio**
F.P	7	112.74		62.24	186900	450840	263940	2.41
T O_1	7	133.57	18.47	48.45	193579.70	534280	340700.30	2.76
T O_2	7	140.42	24.56	40.37	195582.20	589764	394181.80	3.01

OFT-2

1.	Title of On farm Trial	Assessment of integrated nutrient management in betel vine
2.	Problem diagnosed	Low leaf quality and yield due to poor nutrient management
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Application of N-P_2O_5-K_2O (100:50:50) + Mustard Oil Cake (MOC) @ 3 q /ha TO_1: STBF (50%NPK) + MOC @ 1.5 t/ha + Vermicompost (VC) @ 10 t/ha Source : AICRP on MAP and betel vine, 2012-13 TO_2 STBF (50%NPK) +MOC @ 1.5 t/ha + Vermicompost (VC) @ 10 t/ha + consortia of azotobacter, azosprillum and PSB each @ 4 kg/ha inoculated to 300 kg VC, mixed with 15 kg lime incubated at 30 % moisture for a week and applied in the rhizosphere.
4.	Source of Technology (ICAR/	AICRP on MAP and betel vine, 2012-13

	AICRP/SAU/other, please specify)	
5.	Production system and thematic area	INM
6.	Performance of the Technology with performance indicators	Yield, B:C ratio
7.	Final recommendation for micro level situation	Application of STBF (50%) +MOC @ 1.5 t/ha + Vermicompost (VC) @ 10 t/ha + consortia of azotobacter, azosprillum and PSB each@ 4kg increases the yield by 36 %.
8.	Constraints identified and feedback for research	Imbalanced use of nutrients leads to poor leaf quality and low yield. Application of STBF+ vermi-compost+ consortia biofertiliser+MOC increases leaf quality and yield
9.	Process of farmers participation and their reaction	Training, Group discussion/satsifactory

Thematic area:

Problem definition: Low leaf quality and yield due to poor nutrient management

Technology assessed: Assessment of integrated nutrient management in betel vine

Technology option	No. of trials	**Yield (**No. of leaves/ha **)**	**% increase in Yield**	Hundred leaf weight(g)	**Gross cost**	**Gross return**	**Net return**	**B:C Ratio**
FP		11,96,390	-	242.6	160050	358917	198867	2.42
TO_1	7	15,12,595	26.4	265.2	175200	453778	278578	2.59
TO_2	7	16,23,980	35.7	276.5	176400	487194	310794	2.76

OFT-3

1.	Title of On farm Trial	Assessment of chemical management of Die back in Chilli
2.	Problem diagnosed	Low yield due to dieback
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : No seed treatment T O_1 - Seed treatment with Vitavax @ 2g/ kg of seed and application of Difenconazole 25 EC @ 1ml/lt of water from initial disease appearance twice at 10 days interval. T O_2 - Seed treatment with T.viridae@ 2.5g/ kg of seed and application of Pyraclostrobin 20 WG @ 1gm/lt of water from initial disease appearance twice at 10 days interval
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Annual Report, OUAT, 2015 University of Agricultural sciences, Dharwad, Karnataka, 2015
5.	Production system and thematic area	IDM
6.	Performance of the Technology with performance indicators	Die back incidence % /m2,Cost of intervention. Additional income over additional investment ,Yield (q/ha), B:C ratio,
7.	Final recommendation for micro level situation	Seed treatment with T.viridae@ 2.5g/ kg of seed and application of Pyraclostrobin 20 WG @ 1gm/lt of water enhance the yield by 21% and dieback reduced by 50%
8.	Constraints identified and feedback for research	No seed treatment in chilli causes die back disease, Seed treatment with T.viridae and application of Pyraclostrobin 20 WG at right stage is necessary to reduce dieback and enhance yield
9.	Process of farmers participation and their reaction	Training, Group discussion/ satsifactory

Thematic area:

Problem definition: Low yield due to dieback

Technology assessed: **Assessment of chemical management of Die back in Chilli**

Technology option	**No. of trials**	**Yield (q/ha)**	**% increase in Yield**	**No. of plants affected/100m2**	**% Die back reduced**	**Gross cost**	**Gross return**	**Net return**	**B:C Ratio**
FP	7	131.5		16		208115	460250	252135	2.21
TO_1	7	154.6	17.6	11	31.1	213850	541100	327250	2.53
TO_2	7	160.4	21.9	8	50.0	214195	561400	347205	2.62

OFT-4

1.	Title of On farm Trial	Assessment of different Parasiticidal agents in controlling external parasites in grow-out carp culture system
2.	Problem diagnosed	Indiscriminate use of Organic fertiliser and environmental temperature variation leads to infestation of external crustacean parasites.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Refined FP :Application of synthetic pyrethroids like cypermethrin 10% EC / deltamethrin 2.8% EC/ Formalin T O_1: Ivermectin 2% w/w in feed @250 ppm & fed to the fishes for 4-5 days T O_2 : Ivermectin 2% w/v in pond water @ 200ml/Acre-m
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIFA, 2015-16 COF (OUAT)-2018-19
5.	Production system and thematic area	Production and management
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment, Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	Both the application in pond and with feed controls argulosis
8.	Constraints identified and feedback for research	Both the Avermectin group application methods are at par in controlling Argulous in Pond, but no killing of zooplankton occurs in case of Ivermectin application in feed or in pond.
9.	Process of farmers participation and their reaction	Satisfactory

Thematic area:

Problem definition: Indiscriminate use of Organic fertiliser and environmental temperature variation leads to infestation of external crustacean parasites.

Technology assessed: Assessment of different Parasiticidal agents in controlling external parasites in grow-out carp culture system

Technology option	**No. of trials**	**Yield Parameter**				**Water parameters**			**Gross Return Rs/ha**	**Net Return Rs/ha**	**BC Ratio**
		Yield q/ha	**% of infestation**	**% of Recovery**	**% change**	**pH**	**Plankton**	**DO**			

					in yield		(ml)				
FP	7	24.75[a]±2.15	62.29[a]	46.35[a]		7.80	2.20	5.6	260000	110000	1.73
TO_1	7	29.68[bc]±2.15	74.67[bc]	82.33[bc]	19.91	7.80	2.30	5.7	315000	149000	1.89
TO_2	7	31.19[b]±2.15	70.20[b]	89.33[b]	26.02	8.00	2.20	5.8	330000	174300	2.12





OFT-5

1.	Title of On farm Trial	Assessment of genetically improved Catla spawns for maximizing fry production in nursery tanks
2.	Problem diagnosed	Less initial growth rate of Catla spawns in nursery tanks encourages predation by insects, thus leads to poor survival and final low yield of fry
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Normal Catla spawns with traditional Nursery Rearing T O_1: Normal Catla spawns with Recommended Practice T O $_2$: Improved Catla Spawn with Recommended Practice
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CIFA 2018, ICAR-CIFA 2020
5.	Production system and thematic area	Fish Seed Production
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment, Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	GI catla spawn rearing with recommended practice showed significant difference in survivility (%), Avg. body weight (g) and net return (Rs./ha) in comparision to Farmers Practice and TO1. Hence can be disseminated for nursery phase as well as grow-out phase of carp culture
8.	Constraints identified and feedback for research	Management of feeding
9.	Process of farmers participation and their reaction	Satisfactory

Thematic area:

Problem definition: Less initial growth rate of Catla spawns in nursery tanks encourages predation by insects, thus leads to poor survival and final low yield of fry

Technology assessed: **Assessment of genetically improved Catla spawns for maximizing fry production in nursery tanks**

Results	**Yield Parameter**					**NWG (g) in 28 days**	**Gross return Rs/ha**	**Net Return Rs/ha**	**BC Ratio**
	Survival (%)	**Avg Body Wt (g)**							
		7th day	**14th day**	**21st day**	**28th day**				
FP	35.47[a]	0.24[a]	0.66[a]	1.08[a]	1.76[a]	3.74[a]	212000	72000	1.51
T O_1	42.58[b]	0.28[b]	0.68[a]	1.11[a]	1.83[b]	3.90[b]	238000	93000	1.64
T O_2	46.72[c]	0.33[c]	0.72[b]	1.20[c]	1.92[c]	4.17[c]	271000	122500	1.82

OFT-6

1.	Title of On-farm Trial	Assessment of the performance of FPOs with varied levels of task and commodity to enhance profitability
2.	Problem diagnosed	Unorganised farmers and low prices of farm produce
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Farmers marketing their produce through intermediaries (30 F) TO_1: FPO dealing with a single commodity with a single task i.e., Only Vegetable-Marketing (30 F) TO_2: FPO dealing with multi-commodity with a single task i.e., Pulses and Vegetable-Marketing (30 F) TO_3: FPO dealing with multi-commodity with multi-task i.e., Pulses and Vegetable with sorting, grading, packing and marketing (30 F)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Centre for Innovation in Science and Social Action (CISSA), Kerala, 2018
5.	Production system and thematic area	Market-led extension

6.	Performance of the Technology with performance indicators	FPO dealing with multi-commodity with multi-task is performed better than all (TO_3>TO_2> TO_1> FP)
7.	Final recommendation for micro-level situation	FPO dealing with multi-commodity with multi-task i.e., Pulses and Vegetable with sorting, grading, packing, leveling and marketing performed better than TO2 > TO1 > FP
8.	Constraints identified and feedback for research	Farmer selling through intermediaries losing their profit margin. Similarly, the single commodity having the risk but multi commodities having low risk due to multifarious activities. So multi commodities with single task or multi task is fetches more profitability towards sustainability.
9.	Process of Farmer's Participation and their reaction	Satisfactory

Thematic area:

Problem definition: Unorganised farmers and low prices from farm produce
Technology assessed: Assessment of the performance of FPOs with varied levels of task and commodity to enhance profitability

Farmer's Opinion on Statement	Percentage	FP	TO1	TO2	TO3	MS	Rank
A farmer interested to become a member	%	46.67	66.67	73.33	86.67	75.56	II
Contribution to share capital	%	43.33	60.00	73.33	83.33	72.22	IV
Better business planning in FPO	%	43.33	60.00	66.67	86.67	71.11	V
Easy to produce the crops	%	46.67	63.33	66.67	93.33	74.44	III
Easy to manage the portfolio	%	46.67	56.67	63.33	86.67	68.89	VI
Easy to sell produce	%	43.33	66.67	73.33	93.33	77.78	I
Better marketing of produce (collective)	%	46.67	63.33	70.00	90.00	74.44	III
Farmer's Participation in FPO	%	40.00	60.00	70.00	83.33	71.11	V

Title of FPO with address	**Contact Person with contact details**	**Date of formation**	**Turn over during last 3 years**	**Type of commodities**	**No of members and Meeting status**	**Annual profit**
Bhairabi Women Agro Producer Company Ltd.	Mr Binaya Kumar Bisi At- Palli Street Kankorda, Sanakhemundi, Ganjam-761144, PhNo-7981671236	26.08.2016	2020-21 - Rs. 17 lakhs 2021-22- Rs. 14 lakhs 2022-23 – Rs 35 lakhs	Rice, Pulses, Spices and Processing	1250	10 lakhs
Arabinda Pulse & Millets Farmers Producer Company	Mr Ajaya Gouda Ganjam Ph No-8763736131/ 8260909140	17.08.2016	2020-21- Rs . 15 lakhs 2021-22- Rs. 20 lakhs 2022-23 – Rs 25 lakhs	Pulses	1200	8 lakhs

Ltd.						
Smartech Farmers Producer company Ltd	Rabindra Behera Chikarda, Ganjam District Mob-8847828066	07.8.2021	2021-22 – Rs 7 lakhs 2022-23 – Rs 5 lakhs	Vegetables	300	1 lakh

OFT -6

1.	Title of On farm Trial	**Assessment of little millet varieties**
2.	Problem diagnosed	Low yield from the existing variety
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Cultivation of local Suan T O_1 :Cultivation of little millet Var. OLM 208 T O_2 :Cultivation of little millet Kalinga suan -217
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on small millet, OUAT, Berhampur-2009
5.	Production system and thematic area	Varietal trial
6.	Performance of the Technology with performance indicators	Variety Kalinga Suan -217 performs better in terms of yield as compared to farmers and OLM-208 variety.
7.	Final recommendation for micro level situation	Variety Kalinga Suan -217 performs better in terms of yield as compared to farmers and OLM-208 variety.
8.	Constraints identified and feedback for research	No constraints.
9.	Process of farmers participation and their reaction	satisfactory

Thematic area:

Problem definition: Low productivity and poor quality flowers of marigold

Technology assessed: **Assessment of little millet varieties**

Table:

Results	**Yield (q/ha)**	**% increase**	**Effective tillers**	**No. of grains/ panicle**	**1000grain wt.(gm)**	**Net return**	**B:C Ratio**
F.P	5.8		5.1	228.7	2.1	7,640	1.6

T O_1	8.4	44	5.2	238.5	2.2	11,920	1.84
T O_2	9.3	60.3	6.0	243.7	2.24	15,190	1.98
CD (0.05)	0.608	-	0.64	3.481	0.068	-	-

OFT -7

1.	Title of On farm Trial	Assessment of integrated nutrient management on growth and yield of papaya
2.	Problem diagnosed	**:** Low fruit yield due to imbalanced use of nutrients
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Application of chemical fertilizer NPK (200:200:200 g/plant)+FYM @1kg/plant T O_1 :Application 300-300-300 g NPK/plant with borax@0.2% and Zn SO4@0.5% sprays at 5th month of planting and 1 spray at fruit setting and spray after 12 months of planting T O_2 :75% STBF (NPK) + vermi-compost @ 4 t/ha + Azotobacter@4kg/ha + PSB@4 kg/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Technical Bulletin IIHR,2009 Annual Report, OUAT, 2012-13
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	

8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low productivity and poor quality flowers of marigold

Technology assessed: **Assessment of integrated nutrient management on growth and yield of papaya**

Table:

Results	**Yield (q/ha)**	**% increase in Yield**	**Days after 1st flower appearance**	**Gross cost**	**Gross return**	**Net return**	**B:C Ratio**
FP	246.7	-	152	170750	370050	199300	2.17
TO_1	309.2	25.3	148	181200	463800	282600	2.56
TO_2	318.9	29.2	145	182370	478350	295980	2.62

OFT -8

1.	Title of On farm Trial	Assessment of YMV management in Papaya
2.	Problem diagnosed	Leaf discoloration , Stunted growth & low yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Spraying of Imidachloprid@ 200ml/ha **TO_1**-Application of Thiomethoxam 25%WG @ 200gm/ ha twice at 15 days interval **TO_2**-Soil application of Neem cake @ 2.5q/ha and foliar application of Flonicamide 50%WG@ 200gm/ha

		of water twice at 15 days interval
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**Source:** TNAU, Annual report 2015-16 **Source:** OUAT,2017-18
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low productivity and poor quality flowers of marigold

Technology assessed: Assessment of YMV management in Papaya

Table:

Results	**Yield (q/ha)**	**% increase in Yield**	**No. of plants affected/100 m2**	**Gross cost**	**Gross return**	**Net return**	**B:C Ratio**
FP	236.5	-	17	163250	354750	191500	2.17
TO_1	293.7	24.2	7	179820	440550	260730	2.45
TO_2	305.2	29.0	3	182390	457800	275410	2.51

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.	Ragi	Varietal substitution	Demonstration on Arjun variety of Finger millet	1	1										
2.	Rice	IWM	Demonstration on weed management in transplanted Rice	1	1										
3.	Bitter gourd	INM	Demonstration on influence of micronutrient on yield attributes of bitter gourd	1	1	4	1		1		3	1	7	10	
4	Onion	Crop management	Demonstration on application of herbicide against weed flora in onion	1	1			4	1		4	1	8	10	
5	Onion	INM	Demonstration on application of sulphur in onion	1	1	2		1		7	-	10	-	10	
6	Chilli	INM	Demonstration on integrated nutrient management in chilli	1	1	3	-	1	-	3	3	7	3	10	
7	Ragi	INM	Demonstration on integrated nutrient management in Ragi	1	1	6	-	-	-	4	-	10	-	10	
8	Brinjal	INM	Demonstration on integrated nutrient management in brinjal	1	1	5	1	-	-	3	1	8	2	10	
9	Betel vine	INM	Demonstration on integrated nutrient management in betel vine	0.4	0.4	3	-	1	-	6	-	10	-	10	
10	Cauliflower	IPM	Demonstration on management of Diamond back moth in Cauliflower	1	1	-		-		10	-	10	-	10	
11	Ragi	IDM	Demonstration of Blast disease management practices in Kharif Ragi	1	1	6	-	-	-	2	2	8	2	10	
12	Fish	Production management	Demonstration on yearlings production	2	2	10		7	-	3	-	-	-	10	
13	Fish	Production management	Demonstration on use of floating fish feed for yield enhancement in pisciculture	4	4	10	-	-	-	10	-	10	-	10	
14	Fish	Production	Demonstration of CIFTEQ^{TM} fish descaling machine	-	-	5	-	-	-	5	-	10	-	10	

		management													
	Fish	Production management	Demonstration on use of Probiotic for enhanced pond productivity	6	6	10	-	-	-	-	-	10	-	10	
	Fish	Production management	Demonstration on Carp starter -II compound feed for raising fry to fingerling	2	2	05	-	-	-	5	-	5		5	
	Carb	Production management	Demonstration of crab fattening in HDPE box	10	10	10	-	-	-	-	-	-	-	10	
	Poultry	Backyard poultry	Demonstration on low input poultry breed Bhejaguda in Backyard.	10	10	-	10	-	-	-	-	-	-	10	
	Allied fields	Short video technology	Demonstration of the effectiveness of short technology videos on technology adoption	2	2	-	-	-	-	30	-	30	-	-	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Ragi	Kharif 2023	Medium land									
Rice	Kharif 2023	Medium land, Irrigated									
Bitter gourd	Rabi, 2022-23 (Year-I)	Irrigated-medium land, rice-vegetable cropping system	Sandy loam	130.7	11.06	123.6	Brinjal	30.10.2022	19.1.2023		
Onion	Rabi, 2022-23 (year-I)	Irrigated-medium land , Vegetable –vegetable cropping system	Sandy loam	144.6	12.1	152.9	Rice	16.12.2022	05.02.2023		
Onion	Rabi, 2022-23(Year-I)	Irrigated medium land, vegetable-vegetable cropping system	Sandy loam	152.5	13.1	157.9	Rice	10.12.2022	02.02.23		

Chilli	Rabi 2022-23 (Year-I)	Irrigated medium land, Rice-vegetable - vegetable cropping system	Sandy loam	146.2	11.4	145.3	Rice	15.11.2022	17.02.2023		
Ragi	Kharif 2023	Rainfed/ up land	Sandy loam	162.3	14.6	161.4	Tomato	8.7.23	20.10.23		
Brinjal	Kharif 2023	Rainfed/ medium land,	Loam	144.8	17.4	174.3	Greengram	24.7.23	02.12.23		
Betel vine	Kharif 2023	Irrigated, upland	Loamy	174.6	15.6	148.5	Round the year	10.7.23	Cont…		
Cauliflower	Rabi, 2022-23 (year –I)	Irrigated medium land	Sandy loam	136.2	11.3	124.3	Tomato	15.09.2022	7.11.2023		
Ragi	Kharif 2023	Rainfed up & medium land	Sandy loam	151.3	13.4	165.4	Tomato	12.7.23	25.10.23		
Fish	Round the year, 2022(II)	Rainfed/irrigated	Clay-loam	-	-	-	-	16.08.2022	23.02.2023		
Fish	Rabi 2022-23 (**Year-II)**	Rain-fed/Irrigated	Clay-loam				Fish	10.09.2022	25.03.2023		
Fish	Round the year, 2022-23(I)	Rainfed/irrigated/Seasonal Farm Pond	-	-	-	-	Hand de-scaling	-	-		
Fish	Year Round 2022-23 (Year-I)	Rain-fed/Irrigated	Laterite	-	-	-	Fish	12.07.2022	15.09.2023		
Fish	Kharif 2023	Rain-fed/Irrigated	-	-	-	-	-	-	-	-	-
Carb	Kharif 2023	Rain-fed/Irrigated	-	-	-	-	-	-	-	-	-
Poultry	Rabi-2022-23	**B**ackyard	Backyard	-	-	-	Desi bird	10.10.2022	17.03.2023		
Allied fields	Year round (kharif/Rabi) 2022-23	Irrigated, Medium land									

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Nil														
	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
Ragi	Varietal substitution	Demonstration on Arjun variety of Finger millet	10	1	16.4	12.1	35.5	5.0 Effective tillers/plant	3.2	28000	52480	24480	1.87	23800	38720	52480	1.6
Rice	IWM	Demonstration on weed management in transplanted Rice	10	1	39.6	34.6	15	4.80 No. of weeds /m2	37.8	45000	83160	38,160	1.8	43000	72660	29,660	1.6
Bitter gourd	INM	Demonstration on influence of micronutrient on yield attributes of bitter gourd	10	1	176.20	145.15	21.37	26.60 (No. of fruits /vine)	18.20	75520	211440	135926	2.8	67100	154376	87256	2.3
Onion	Crop management	Demonstration on application of herbicide against weed flora in onion	10	1	152.7	120.2	27.03%	680.42 (Total no. of weed/m2)	184.65	104945	305400	200455	2.91	135280	240400	105120	1.77
Onion	INM	Demonstration on application of sulphur in onion	10	1	159.8	126.5	26.3	77.3g (Onion weight)	52.5g	122450	287640	165190	2.35	112580	227700	115120	2.02

Chilli	INM	Demonstration on integrated nutrient management in chilli	10	1	158.4	124.3	27.4	118.2 (Number of fruits/plant)	91.6	208455	554400	345945	2.66	202500	435050	232550	2.15
Ragi	INM	Demonstration on integrated nutrient management in Ragi	10	1	16.8	13.1	28.2										
Brinjal	INM	Demonstration on integrated nutrient management in brinjal	10	1	239.2	186.4	28.3										
betel vine	INM	Demonstration on integrated nutrient management in betel vine	10	0.4	1520185 No.of leaves/ha	1146270No. of leaves/ha	32.6										
Cauliflower	IDM	Demonstration on management of Diamond back moth in Cauliflower	10	1	232.4	187.5	24	630.5Curd weight (g)	410	122451.30	348600	226148.7	2.9	117187.50	281250	164062.5	2.4
Ragi	IDM	Demonstration of Blast disease management practices in Kharif Ragi	10	1	13.81	9.5	45										

Allied fields	Short Video Technologies on Rice production	Demonstration of the effectiveness of short technology videos on technology adoption	60	12	43	36	19.44			48670	79898	31228	1.64	48217	71212	22995	1.47

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry	Backyard poultry	Demonstration on low input poultry breed Bhejaguda in Backyard.	10	200	1.35 kgBody wt gain /year	1.05 kg Body wt gain /year				240	470	230	1.96	230	350	120	1.52
Rabbitry																	
Pigerry																	
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

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Fish Carp	Production management	Demonstration on yearlings production	5	5	33.27	25.82	28.85			170500	357000	186500	2.09	128000	230000	102000	1.79
Fish Carp	Production management	Demonstration on use of floating fish feed for yield enhancement in pisciculture	5	5	41.46	30.65	26.07			150000	312000	162000	2.08	114300	202500	88200	1.77
Marine Fish	Post-harvest Technology	Demonstration of CIFTEQ™ fish descaling machine	10	10	95±4.06 % of scale removed	98±3.43 % of scale removed	-	18-20 Kg/hr	10-12 Kg/hr	-	-	-	-	-	-	-	-
Fish carp	Production management	Demonstration on use of Probiotic for enhanced pond productivity	5	5	35.78	27.86	28.42			178000	352000	174000	1.97	159000	282000	123000	1.77
Fish carp	Production management	Demonstration on Carp starter -II compound feed for raising fry to fingerling	10	5	30.08	23.15	29.93			142500	295000	152500	2.07	117000	202000	85000	1.73
Carb	Production management	Demonstration of crab fattening in HDPE box	10	10	520 kg/ 1000 box	360 kg/ 1000 box	44.45			168000	312000	144000	1.86	152000	216000	64000	1.42
		Total															

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																

Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

Women empowerment

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

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

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

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										

Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total										

Good quality photographs of FLDs

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Ragi	Arjuna variety recorded highest yield as compared to the farmers variety Budha mandia
2	Rice	There is an excellent control of complex weed flora with WCE of 87% and showed yield enhancement
3	Bitter gourd	Foliar application of B and Zn @ 100 ppm each at 30-35 days after sowing. Increases the number of fruits per vine and yield enhanced by 21%
4	Onion	By application of herbicide oxyfluorfen 23.5% EC before planting and two hand weeding at 30 and 60 days after transplanting reduced the total no of weed/m2 by 73% and yield enhanced by 27%
5	Onion	Application of STBF along with sulphur @ 30 kg/ha enhanced the yield by 26 %
6	Chilli	Application of STBF along with of Azospirillum @ 4kg/ha enhanced the yield by 27%
7	Ragi	Application of STBF and biofertiliser enhanced the ragi yield by 28 % .
8	Brinjal	Application of STBF and consortia biofertiliser enhanced the brinjal yield by 28 % .
9	Betel vine	Application of STBF (50%) +MOC @ 1.5 t/ha + Vermicompost (VC) @ 10 t/ha + consortia of azotobacter, azosprillum and PSB each@ 4kg increases the yield by 32.6 %.
10	Cauliflower	Spraying of Azadiractin 5% @200ml/ha at the time of flowering and spraying of Novaluron 10 % EC + Emamectin benzoate 5% EC @ 200g/haenhanced the yield by 24%
11	Ragi	Three sprays of Prochloraz 26.25% + Tricyclazole 22.5% SE @ 1 lt/ha at 10 days interval
12	Fish	Yearling cost more (Rs. 5-7/Seed) realized, and farmers are more happy to do Yearling production in their farm pond
13	Fish	Higher yield of 41.46q/ha obtained with a better BC ratio of 2.08 along with net return of Rs. 162000/ha obtained due to application of floating fish feed (CP-24) and good management practice
14	Fish	Gained knowledge and skill about Fish de-scaling machine. Big size fish such as Carps are not suitable, rather small fishes with deciduous scale are easily removed. Time saving, safety and ease in operation
15	Fish	: Alternate application of Soil & Water probiotic with the maintenance of optimum water Quality yields better than farmers practice. Hence both Soil and Water probiotic application at the recommended dose is advised
16	Fingerling	compound feed in nursery pond with a gradually decreasing feeding rate of 10-5% of biomass yielded 35.45% more yield with a grater survival rate of 72%.
17	Carb	Nil predation and less disease occurrence adds to the more return. But roof protection from sunlight must be carried out for 100% complete harvest.

18	Poultry	Farmers are interested to rear Bhejaguda poultry as suits to our climatic condition and more remunerative in comparison tolocal poultry
19	Allied fields	Short videos created more than 77% awareness among the farmers

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
Agronomy					
1.	Field days	16.11.23, 18.12.23	2	100	2 no. of Field day conducted under FLD
2.	Farmers Training	23.8.23,8.9.23,17.10.23,24.12.23,30.11.23,20.12.23	6	6x 25=150 (F/Fw) 2x 15=30(RY)	6 no. of F/Fw 2 no. of RY
3.	Media coverage		-	-	
4.	Training for extension functionaries	13.9.23	2	40	
Horticulture					
1.	Field days	4.01.2023, 10.11.23	1	20*1=20	1 no.of field day conducted under different FLDs of horticulture discipline
2.	Farmers Training	,	4 2	25*4=100 15*2=30	04 nos of F/FW trg under FLD programme 02 nos of RY trg under FLD programme
3.	Media coverage	15.7.2023, 3.11.2023	2	Mass	E-Tv Annadata Prog
4.	Training for extension	13.03.2023 ,16.03.2023	2	2*10=20	2 nos IS training

	functionaries				
Soil Science					
1.	Field days	6.2.23,13.2.23,5.11.23,11.11.23	4	15*4=60	4 no.of field day conducted under different FLDs of Soil Science discipline
2.	Farmers Training	11.5.23,8.6.23,29.7.23,8.8.23,29.8.23, 17.10.23, 20.11.23	4 2	25*4=100 15*2=30	04 nos of F/FW trg under FLD programme 02 nos of RY trg under FLD programme
3.	Media coverage	12.9.2023, 17.11.2023	2	Mass	E-TV Annadata Programme
4.	Training for extension functionaries	10.03.2023 , 8.11.23	2	2*20=40	2 no.In- service trainings
Plant Protection					
1.	Field days	26.08.2023, 7.9.2023 , 23.11.2023 , 8.12.2023	4	20*4=80	4 no.of field day conducted under different FLDs of horticulture discipline
2.	Farmers Training	10.5.2023, 06.6.2023 02.9.2023, 12.10.2023 27.10.2023 8.9.2023 & 9.9.2023 22.12.2023 & 23.12.2023	5	25*5=125 15*2=30	05 nos of F/FW trg under FLD programme 02 nos of RY trg under FLD programme
3.	Media coverage	10.5.2022, 27.5.2022, 28.6.2022,2.9.2022	4	Mass	E-Tv Annadata Prog
4.	Training for extension functionaries	14.03.2023 , 15.03.2023		2*10=20	2 nos IS training
Fishery					
1.	Field days	6.8.2023, 17.9.2023 15.11.2023, 5.12.2023	04	20*4=80	04 nos Field days Organised

2.	Farmers Training	22.7.2023,30.8.2023, 12.10.2023, 22.11.2023, 22.12.2023	05	25*5=125	05 nos of F/FW trg under FLD programme
3.	Media coverage	18.5.2023, 25.5.2023, 5.12.2023	03	Mass	E-Tv Annadata Prog
4.	Training for extension functionaries	08.11.2023, 22.12.2023		2*10=20	2 nos IS training
Home Sc					
1	Field days	16.03.2023	01	20	1 no.of field day conducted under FLD
2	Farmers Training	07.02.2023	01	25*1=25	01 nos of F/FW trg under FLD programme
3	Media coverage	31.3.2023	01	Mass	E-Tv Annadata Prog
4	Training for extension functionaries				
Extension					
1	Field days	14.02.2023	1	50	01 nos Field days Organised
2	Farmers Training	11.01.2023	1	25	01 nos of F/FW trg under FLD programme
3	Media coverage	31.3.2023	1	Mass	E-Tv Annadata Prog
4	Training for extension functionaries	09.03.2023 18.03.2023	2	20	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2023 and Rabi 2023-24:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P

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

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)

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any

E. Specific Characteristics of Technology and Performance

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

F. Extension activities under FLD conducted:

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

G. Sequential good quality photographs (as per crop stages i.e. growth & development)

H. Farmers' training photographs

I. Quality ActionPhotographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Sesame	i) Critical input	48800	48800	0
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	48800	48800	0

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	16	14	25							16	14	30
Resource Conservation Technologies													
Cropping Systems	1	22	8	25							22	8	30
Crop Diversification	1	13	5	18	5	2	7	3	2		21	9	30
Integrated Farming													
Micro irrigation/irrigation													
Seed production	1	10	10	20	8	2	5				18	12	30
Nursery management	1	8	9	17	8	5	8				16	14	30
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables	1	13	10	23	5	2	7				18	12	30
Nursery raising	1	10	7	17	2	3	5	5	2	7	17	13	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													

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
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	2	33	3	36	12	12	24				45	15	60
Integrated water management													
Integrated Nutrient Management	3	36	18	54	14	7	21	5	10	15	55	35	90
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	1	17	4	21	2	2	4	5	0		24	6	25
Integrated Disease Management	4	69	19	93	0	0	0	19	13	32	88	32	120
Biocontrol of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming	5	95	18	113	15	3	18	12	7	19	122	28	150
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													

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													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming	1	10	2	12	4	1	5	2	1	3	16	4	20

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Seed production	1	7	5	12	3	2	5	2	1	3	12	8	20
Production of organic inputs	1	6	5	6				5	4	9	11	9	20
Planting material production	1	6	6	12	3	2	5	2	1	3	11	9	20
Vermiculture	1	6	4	10	5	2	7	2	1	3	13	7	20
Mushroom Production													
Beekeeping	1	7	4	11	5	2	7	1	1	1	13	7	20
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture	1	05	2	07	04	01	05	2	1	3	11	04	15
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Pest Management	2	24	16	40							24	16	40
Integrated Nutrient management	1	8	5	13	5	2	7				13	7	20
Rejuvenation of old orchards													
Protected cultivation technology	2	24	16	40							24	16	40
Production and use of organic inputs	1	8	5	13	5	2	7				13	7	20
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	2	22	18	40							22	18	40
Total													

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	10	10	20	8	2	5				18	12	30
Resource Conservation Technologies	1	8	9	17	8	5	8				16	14	30
Cropping Systems	1	16	14	25							16	14	30
Crop Diversification	1	22	8	25							22	8	30
Integrated Farming	1	13	5	18	5	2	7	3	2		21	9	30
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	13	10	23	5	2	7				18	12	30
Soil & water conservation	1	10	7	17	2	3	5	5	2	7	17	13	30
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	3	39	15	54	15	6	21	9	6	15	63	27	90
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated water management	2	25	13	38	8	4	12	7	3	10	40	20	60
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils	2	21	14	35	12	3	15	6	4	10	39	21	60
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	3	33	15	48	18	9	27	8	7	15	59	31	90
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	3	33	15	48	18	9	27	8	7	15	59	31	90
Integrated Disease Management													
Bio0control of pests and diseases	2	25	13	38	8	4	12	7	3	10	40	20	60
Production of bio control agents and bio pesticides													
Others	2	21	14	35	12	3	15	6	4	10	39	21	60
Total													
VIII. Fisheries													
Integrated fish farming	1	18	2	20	3	2	5	4	1	5	25	5	30
Carp breeding and hatchery management	1	9	4	13	6	6	12	3	2	5	18	12	30
Carp fry and fingerling rearing	2	24	4	28	13	9	22	7	3	10	44	16	60
Composite fish culture													
Hatchery management and culture of freshwater prawn	1	23		23		2	2				23	2	25
Breeding and culture of ornamental fishes	2	13	9	22	24	4	28	6	4	10	43	17	60
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

E)RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming	1	8	3	11	3	1	4	2	3	5	13	7	20
Seed production	1	8	4	12	2	1	3	1	4	5	11	9	20
Production of organic inputs	1	10	2	12	4	1	5	2	1	3	16	4	20
Planting material production	1	7	5	12	3	2	5	2	1	3	12	8	20
Vermiculture	1	6	5	6				5	4	9	11	9	20
Mushroom Production	2	19	11	30	6	4	10	0	0	0	25	15	20
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	1	5	2	7	13	0	13				18	2	20
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													

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
Rabbit farming													
Poultry production													
Ornamental fisheries	1	06	2	08	04	01	05	2	0	2	12	03	15
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

F) Extension Personnel (Off Campus)

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

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													

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	10	10	20	8	2	5				18	12	30
Resource Conservation Technologies	1	8	9	17	8	5	8				16	14	30
Cropping Systems	3	48	42	75	0	0	0	0	0	0	48	42	90
Crop Diversification	3	66	24	75	0	0	0	0	0	0	66	24	90
Integrated Farming	2	26	10	36	10	4	14	6	4	0	42	18	60
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	13	10	23	5	2	7				18	12	30
Soil & water conservation	1	10	7	17	2	3	5	5	2	7	17	13	30
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables	1	13	10	23	5	2	7				18	12	30
Nursery raising	1	10	7	17	2	3	5	5	2	7	17	13	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	3	39	15	54	15	6	21	9	6	15	63	27	90
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental													

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
plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management	4	50	26	76	16	8	24	14	6	20	80	40	120
Integrated Nutrient Management	0												
Production and use of organic inputs	1	12.5	6.5	19	4	2	6	3.5	1.5	5	20	10	30
Management of Problematic soils	4	42	28	70	24	6	30	12	8	20	78	42	120
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	3	33	15	48	18	9	27	8	7	15	59	31	90
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal													

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
products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	6	66	30	96	36	18	54	16	14	30	118	62	180
Integrated Disease Management	0												
Bio0control of pests and diseases	4	50	26	76	16	8	24	14	6	20	80	40	120
Production of bio control agents and bio pesticides													
Others	2	21	14	35	12	3	15	6	4	10	39	21	60
Total													
VIII. Fisheries													
Integrated fish farming	1	18	2	20	3	2	5	4	1	5	25	5	30
Carp breeding and hatchery management	1	9	4	13	6	6	12	3	2	5	18	12	30
Carp fry and fingerling rearing	2	24	4	28	13	9	22	7	3	10	44	16	60
Composite fish culture													
Hatchery management and culture of freshwater prawn	1	23	5	28		2	2				28	2	30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Breeding and culture of ornamental fishes	2	13	9	22	24	4	28	6	4	10	43	17	60
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition	3	33	15	48	18	9	27	8	7	15	59	31	90
Others	2	26	10	36	10	4	14	6	4	0	42	18	60
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

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													

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
Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming	2	16	6	22	6	2	8	4	6	10	26	14	40
Seed production	2	16	8	24	4	2	6	2	8	10	22	18	40
Production of organic inputs	2	20	4	24	8	2	10	4	2	6	32	8	40
Planting material production	2	14	10	24	6	4	10	4	2	6	24	16	40
Vermiculture	1	6	5	6				5	4	9	11	9	20
Mushroom Production	2	19	11	30	6	4	10	0	0	0	25	15	20
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	1	5	2	7	13	0	13				18	2	20
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries	1	05	2	07	04	01	05	2	1	3	11	04	15
Composite fish culture	1	06	2	08	04	01	05	2	0	2	12	03	15
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	2	24	16	40							24	16	40
Integrated Nutrient management	1	8	5	13	5	2	7				13	7	20
Rejuvenation of old orchards													
Protected cultivation technology	2	24	16	40							24	16	40
Production and use of organic inputs	1	8	5	13	5	2	7				13	7	20
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	2	22	18	40							22	18	40
Total													

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy	F/FW	Integrated Nutrient Management in Paddy	1 day	Off	21	9	30	20	4	24
Agronomy	F/FW	Integrated Weed management in Paddy	1 days	Off	33	27	60	17	6	23
Agronomy	F/FW	Soil Testing and Soil Health Management	1 day	On	18	12	30	1	3	4
Agronomy	F/FW	Use of Bio-fertilizer for Sustainable Food Production	1 days	Off	39	21	60	20	4	24
Agronomy	F/FW	Importance of Growing pulse	1 day	Off	6	29	35	5	1	6

		crop for alleviating pulse deficient in Odisha								
Agronomy	F/FW	Importance of application of Boron and zinc in maize for increasing the grain filling	1 days	On	33	27	60	9	6	15
Agronomy	F/FW	Weed management in pulses and oilseed crop	1 day	Off	17	13	30	15	8	23
Agronomy	F/FW	Safety and precaution for herbicide use.	1 day	Off	20	10	30	13	5	18
Agronomy	F/FW	Importance and package and practice of growing millet crops	1 day	On	21	9	30	11	6	17
Agronomy	F/FW	Residue management in Rice field	1days	On	14	16	30	4	6	10
Agronomy	F/FW	Package and practice for Rabi Oilseed crop-Mustard	1 days	Off	21	9	30	5	4	9
Agronomy	F/FW	Seed preservation techniques in pulses	1 days	On	19	11	30	3	1	4
Agronomy	RY	Integrated Farming system for Marginal Farmers.	4 days	On	26	14	40	7	5	12
Agronomy	RY	Preparation of different organic formulation such as panchagavya, Jiva amrit, Beeja amrit, Neem tobacco-based pesticides etc.	4 days	Off	25	15	40	5	6	11
Agronomy	IS	Crop Diversification	1day	On	12	3	15	----	-	-
Agronomy	IS	Crop Biofortification for food security	1day	On	9	6	15	--	-	-
Horticulture	F/Fw	Improved agro techniques of Cucurbitaceous vegetables	1day	On	23	7	30	2	5	7
Horticulture	F/Fw	Production	2 day	Off	32	28	60	15	9	24

		technology for off season vegetables								
Horticulture	F/Fw	Cultivation of, cauliflower, cabbage, broccoli in scientific manner	1day	On	14	16	30	6	3	9
Horticulture	F/Fw	Scientific cultivation of Onion, Ginger, Chilli	1day	On	21	9	30	8	4	12
Soil Sc.	F/FW	Importance of soil testing and technique of soil sampling.	1day	On	15	20	35	6	7	13
Soil Sc.	F/FW	INM in ragi	1day	On	22	8	30	6	5	11
Soil Sc.	F/FW	Green manuring in rice	1day	On	25	5	30	8	6	14
Soil Sc.	F/FW	Integrated nutrient management in vegetables	1day	On	23	7	30	5	2	7
Soil Sc.	F/FW	Soil fertility management	1day	On	21	9	30	5	2	7
Soil Sc.	F/FW	Production technology of vermicompost and its uses	1day	On	18	12	30	2	0	2
Soil Sc.	F/FW	Soil fertility management	1day	On	21	9	30	4	3	7
Soil Sc.	F/FW	Zero budget natural farming	1day	On	18	12	30	4	3	7
Soil Sc.	F/FW	Nutrient management in pulse crops	1day	On	20	10	30	2	3	5
Soil Sc.	F/FW	Production technology of vermicompost and its uses	1day	On	15	15	30	4	6	10
Soil Sc.	F/FW	Nutrient management in oil seed crops	1day	On	22	8	30	3	3	6
Soil Sc.	F/FW	Use of secondary and	1day	On	22	8	30	8	7	15

		micronutrients vegetable crop								
Soil Sc.	RY	Vermiculture and vermicomposting	4days	Off campus	21	19	40	6	3	9
Soil Sc.	RY	Production and use of organic inputs	4 days	Off campus	22	18	40	4	1	5
Soil Sc.	IS	Organic farming for sustainable agriculture	1	On campus	11	4	15	2	0	2
Soil Sc.	IS	INM for sustainable agriculture	1	On campus	8	7	15	2	0	2
Plant Protection	F/FW	Borer pest management in bittergourd	1	Off campus	23	7	30	5	3	8
Plant Protection	F/FW	Blast disease management in ragi.	1	On campus	13	17	30	2	2	4
Plant Protection	F/FW	Blast and sheath blight disease management rice.	1	On campus	23	7	30	7	5	12
Plant Protection	F/FW	Disease management in betelvine	1	Off campus	22	8	30	6	4	10
Plant Protection	F/FW	Disease and pest management in sun flower.	1	Off campus	25	5	30	-	-	-
Plant Protection	F/FW	Wilt and rotting disease management in tomato.	1	Off campus	16	14	30	10	2	12
Plant Protection	F/FW	Stone weevil management in Mango.	1	On campus	21	9	30	3	4	7
Plant Protection	F/FW	Shoot and fruit borer management in brinjal.	1	Off campus	19	11	30	2	2	4
Plant Protection	F/FW	Leaf curls disease management in chilli.	1	On campus	18	12	30	6	3	9
Plant Protection	F/FW	Collar rot management in groundnut .	1	On campus	22	8	30	7	3	10
Plant Protection	F/FW	Aphid management in	1	On campus	25	5	30	-	-	-

		Marigold.								
Plant Protection	F/FW	Nursery disease management in rabi rice.	1	Off campus	21	9	30	11	-	11
Plant Protection	RY	Mango Orchard management	2	On campus	15	15	30	4	-	4
Plant Protection	RY	Safe use of pesticide	2	On campus	20	10	30	13	5	18
Plant Protection	RY	New generation pesticides	2	On campus	21	9	30	11	6	17
Plant Protection	RY	IPM & IDM in groundnut	2	On campus	14	16	30	4	6	10
Plant Protection	IS	IPM in rice	1	On campus	21	9	30	5	4	9
Plant Protection	IS	IPM and IDM in vegetables	1	On campus	19	11	30	3	1	4
Fishery Science	F/FW	Feed preparation and management in pisciculture	1 day	Off campus	20	10	30	13	5	18
Fishery Science	F/FW	Pre stocking management in pisciculture tank	1 day	Off campus	23	7	30	5	3	8
Fishery Science	F/FW	Post stocking management in pisciculture tank.	1 day	On campus	13	17	30	2	2	4
Fishery Science	F/FW	Pond based Integrated fish farming	1 day	Off campus	23	7	30	7	5	12
Fishery Science	F/FW	Fish seed production technology in small tanks	1 day	Off campus	22	8	30	6	4	10
Fishery Science	F/FW	Adverse aquatic environment & its remedial measures	1 day	On campus	25	5	30	-	-	-
Fishery Science	F/FW	Crab culture and fattening	2 day	On campus	16	14	30	10	2	12
Fishery Science	F/FW	Feed, Soil and water additives in Aquaculture	1 day	Off campus	23	7	30	5	3	8
Fishery Science	F/FW	Common diseases in fish pond and its control measures	1 day	On campus	20	10	30	2	3	5
Fishery Science	F/FW	Control and eradication of algal blooms and weeds in fish culture	1 day	Off campus	17	13	30	6	06	12
Fishery Science	F/FW	Value addition and value added products from fish and shell	1 day	On campus	22	08	30	7	03	10

		fish								
Fishery Science	F/FW	Species diversification in Aquaculture and its Importance	1 day	Off campus	21	9	30	8	2	10
Fishery Science	RY	Package and practices of Fingerling and Yearling production	2 day	Off campus	9	11	20	2	1	3
Fishery Science	RY	Ornamental fish culture as an Income generating activity	2 day	Off campus	11	9	30	3	1	4
Fishery Science	IS	Recent Advances in Aquaculture Practices	1	On campus	9	5	15	2	3	5
Fishery Science	IS	Tools for accessing soil, water and disease diagnosis and treatment	1	On campus	7	8	15	3	1	4

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

*training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													

Integrated crop management													
Organic farming													
Other													
Total													
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total													
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm machinery & imlements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total													
Agricultural Extension													
Capacity building													

and group dynamics													
Other													
Total													
Grand Total													

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			

b) Details of participation

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

Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
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													

Good quality photographs of training activity:

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC / ST (% of total)	Male	Female	Total	Male	Female	Total

Field Day	20	340	60	400	15	20	5	25	360	45	405
KisanMela											
KisanGhosthi											
Exhibition	2	120	80	200							
Film Show											
Method Demonstrations											
Farmers Seminar	2	100	60	160							
Workshop	4										
Group meetings	2	30				5	2	7	35	2	37
Lectures delivered as resource persons	34	660	340	1000	22	250	250	500			
Advisory Services	32	18404	2200	20604	18	200	100	300	18604	2300	20904
Scientific visit to farmers field	176	945	310	1255	15			0	945	310	1255
Farmers visit to KVK	567	345	222	567	10			0	345	222	567
Diagnostic visits	43	205	56	261	12	24	12	36	229	68	297
Exposure visits	1	40		0				0	40	0	40
Ex-trainees Sammelan				0				0	0	0	0
Soil health Camp	4	155	25	180	8	4	2	6	159	27	186
Animal Health Camp											
Agri mobile clinic	24	344	156	500	10	25	6	31			
Soil test campaigns	4	155	25	180	8	4	2	6	159	27	186
Farm Science Club Conveners meet				0				0	0	0	0
Self Help Group Conveners meetings	2	36	14	50	2			0	36	14	50
MahilaMandals Conveners meetings				0				0	0	0	0
Celebration of important days (specify)	15	1200	600	1800	15	102	32	134			
Sankalp Se Siddhi				0				0	0	0	0
Swatchta Hi Sewa	6	100	30	130	6			0	100	30	130
MahilaKisan Divas	1		50	50	11	6	3	9	0	0	0
Any Other (Specify)				0				0	0	0	0
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	26
Radio talks	5
TV talks	12
Popular articles	3
Extension Literature	3
Other, if any	

Good quality photographs of Extension activity:

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Paddy	Swarna sub-1	100	33000 (Approximate)								
Green Gram	Virat	1.785	19189								
Black gram	Sashi	2.04	19054								
Dhanicha	-	6.95	28147								
Green Gram	IPM 02-14	-	-								
Black gram	Pratap	-	-								
Grand Total											

Good quality photographs of seed production:

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Brinjal	Akshita	800	2000								
Chilli	Arkameghna	37950	93825								
Marigold	Bidhan Marigold - 2 ,Ceracola	15000	18000								
IVY gourd	ArkaNeelachalKunkhi	1500	15000								

Tomato	Laxmi, Arka samrat	800	2000								
Onion											
Others											
Fruits											
Mango											
Guava											
Lime											
Papaya	Sinta F1	1670	41750								
Banana											
Others(Drumstick)	ODC-3	1670	41750								
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total											

Good quality photographs of planting materials:

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers	6000	60000								
Bio-pesticide										
Bio-fungicide										
Bio-agents	25	12500								
Others, please specify.										
Total										

Good quality photographs of bio-products:

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dairy animals											
Cows											

Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry											
Broilers											
Layers											
Duals (broiler and layer)	500 nos	3500									
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings	10000	20000									
Spawn											
Others (Pl. specify)											
Grand Total											

Good quality photographs of livestock and fisheries:

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2023						
Rabi 2021-22						
Summer/Spring 2023						

Kharif 2023						
Rabi 2022-2023						

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books	Dragon fruit cultivation	Dr. Sujit Ku. Nath, SSH	500	
		Mr Rabi Sankar Mishra, FM		
	Potala Chasa	Dr. S Lenka, Sc.(Exten.)	500	
		Dr. S Choudhury Sc.(Hort.)		
	Banana Cultivation	Dr. S Lenka, Sc.(Exten.)	500	
		Dr. S Choudhury Sc.(Hort.)		
	Kandha jatiya Phasal Chasa	Dr. Susmita Mohanty, SS&H	500	
		Dr. S Lenka, Sc.(Exten.)		
		Dr. S Choudhury Sc.(Hort.)		
	Mitha Maka	Dr. Sujit Ku. Nath, SSH Mrs. Sasmita priyadarshini (SMS, Agronomy)	500	
Bulletins				
News letter	Bharabi		1000	

Popular Articles			2	
Book Chapter				
Extension Pamphlets/ literature			3	
Technical reports			23	
Electronic Publication (CD/DVD etc.)	Short video		20	
TOTAL			3048	

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.	Training	Refresher training programe	Dr. Sushree Choudhury, Scientist(Hort.)	16.01.23 to 18.01.23	DEE,OUAT
2.	Training	Refresher training programe	Sri Sandeep Mohanty, Scientist(PP)	16.01.23 to 18.01.23	DEE,OUAT
3.					
4.					
5.					
6.					
7.					

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	Mr. Tarini Reddy
Address	Vill- Kutharisingh, Block- Rangeilunda,Ganjam
Contact details (Phone, mobile, email Id)	Mob No-9938118541
Landholding (in ha.)	1.5
Name and description of the farm/ enterprise	Booming Farmers Income throughCrop Diversification
Economic impact	• Increases in crop yield. • Generate massive employment opportunities for the year round • Substetional increases in income Multiple tangible and intangible benefits
Social impact	• Recognized innovative farmers in their village • Always invited in various social function and social organization. Dignifying person in the society.
Environmental impact	• Environment and farmer friend approaches • In-sute conservation of resources • Judicious use of farm resources for sustainable

	development Create a conducive environment for others
Horizontal/ Vertical spread	• The technology spread to 32 villages. People are showing their interest to adopt the technology .
Good quality photographs (2-3)	

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

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
1	Pruning and Stacking of Tomato to minimize yield loses	Sh.Sanjib Kumar Patra	Yield reduction of tomato was very severe during Kharif season in Padripalli village. To avoid this, the farmer used their own innovative idea to overcome the adverse situation. Mr. Bijaya used the low-cost technology to overcome the adverse situation by using rope. But, he could partially succeed in this innovative method. Later he used locally available ipomoea and rope for stacking the tomato plant in his farmland. Later he used the bamboo stick for stacking tomato plant. The farmer got an increased yield of 44.35% to a tune of 253.76 q/ha from earlier 175.79 q/ha with an average 26 number of fruits per plant.

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	VEGETABLE	5 kg of various bitter leaves(Neem,Karanja,Dhatura, Poka sungha, Congress Grass, Castor) made small pieces and chopped and put in a drum with 10 lit of cow urine and 5 lit of water and coverd it. Intermittently stirring with a stick and kept for 35 days after 35 days took 1 lit & mix with 14 lit water and spray in one acre area. By The farmer got an increased yield of 36.35%	Application of Biopesticide to Control Pests in vegetable.
2	MARIGOLD	1 kg of lime and soaked in 20 litre of cow urine for one day then diluted by adding 25 liter of water and sprayed in marigold field.By this mites controlled and yield enhanced by 26%.	Control of mite in marigold

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 Soiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Mridaparikshak	3 (2 new+1old)
2	Shaker	3
3	Hot plate	3

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			
545		545	1050	34	

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	150			100	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

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

No of student trained	No of days stayed
1	60

ARS trainees trained	No of days stayed
5	21

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

Date	Name of the person	Purpose of visit
20.02.2023	Prof. P.K. Roul Hon'ble Vice Chancellor ,OUAT	KVK, Visit
24.03.2023	Prof P.J Mishra Dean, DEE,OUAT	KVK, Visit
24.03.2023	Prof S. Swain Dean of Research, OUAT	KVK, Visit

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (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 given below

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

Horizontal/ Vertical spread	
Good quality photographs (2-3)	

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of innovations recorded by the KVK

Thematic area	Crop management
Name of the Innovation	Innovation in management in field crops
Details of Innovator	Sri Balaji Dalei,Village-Giria,G.P-Giria , Block-Hinjilikatu, Dist- Ganjam
Back ground of innovation	Reducing pest and disease attack in field crop
Technology details	Paddy yield reduced by attack of different pests and diseases.To avoid this, the farmer used their own innovative idea to overcome the adverse situation. He sprayed salt and ash solution(2kg salt+ 8 kg ash+ 200 lit of water) to control leaf folder in one acre area. Similarly to control stem borers and fungal diseases in sugar cane field dried neem fruits are powdered and applied @ 200kg./ha. Maize seeds are soaked in cow urine for 12 hours before sowing for better germination
Practical utility of innovation	To control pest and disease and to increase productivity

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
Pulse Research Station, Berhampur	• Provides the breeder and foundation seeds of the new varieties of the major crops of this district for multiplication and distribution to the farmers of this area. • Provides all possible technical guidance and helps in solving the problems related to pest and diseases of the crops of the area • Research results are being communicated to us for transfer of the same to the farming community. • Feed back collected from farmers on performance of research results are supplied to the RRS regularly for refinement.
District level line departments i.e. Agriculture,ATMA, Horticulture,Verterinary,Fishery, Forestry, Watershed, Minor Irrigation etc.	Member in DLTC,Convergence for different mandatory activities, collection of secondary data, identification of operational area, Prioritization of need, R-E linkage meeting, finalization of district level action plan, enterprenureship development etc.
NGOs, Prem, Sacala, Progress,Odissa etc.	As resource person for dessimination of technical knowledge
Small scale industries	Providing skill training for livelihood development
PNB(FTC)	Imparting training to farmers ,farmwomen and rural youth as resource person.
RITE	Providing support as a trainer in Agrilculture and allied sector.
CIMMYT	Hybrid Maize trial
CRRI, Cuttack	• Hyv, stress tolerant var. of Paddy
CTCRI, Regional Centre, Bhubaneswar	• Planting materials of tuber crops
CARI, Regional centre, Bhubaneswar	• Supply of Banaraja poultry bird and Khaki Campbell ducklings
NABARD	• Technical support to Farmers club .

5.2. List of special programmes undertaken during 2023by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (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.)
NABARD	Mela	Nov. 23	NABARD	10000

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.	Poly house	2020	300		Planting material			214325	
2.									
3.									
4.									
5.									
6.									
7.									
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Rice				Swarna Sub-1	FS	100	335438	590320	
Green Gram				Virat	TL	1.785	10170	19189	
Black gram				Sashi	TL	2.04	16680	19054	
Dhanicha				-	TL	6.95	9830	28147	
Green Gram				IPM 02-14	TL	-	2815	-	
Black gram				Pratap	TL	-	3130	-	

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	30 q		45000	
	Verms (Eisenia Foetida)	25 kg		12500	

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

Sl.	Name	Details of production	Amount (Rs.)	Remarks

No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Fish fry IMC (Rohu, catla, mrigal, common carp)			80000 no.s			
2.	Advance fingerlings (> 120 mm)			20000 no.s			
3.	Ornamental fish			2250 no.s			
	Poultry			75 kg			
	Egg (duck &poultry)			345 no.s			
	Mushroom			50 kg			
	Vegetable			434 kg			

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:

No. of staffquarters:

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Saving (KVK, Contingency)	SBI	Golanthara	32409141533
Saving (KVK, Revolving)	SBI	Golanthara	32431628846

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	

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

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

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	120000	120000	120000
3	Contingencies			
A	OE, Training,Fld ,OFT,SCSP	2790000	2798800	2798800
B	HRD	30000	30000	
C	Kisan Bhagidari	24725	24725	24725
D	Garib Kalyana	39213	39213	39213
E	Agri Conclave	31611	31611	26531
F	Swachhata Expenditure	16950	16950	16950
G				
H				
I				
J				
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Equipment's and furniture	140000	140000	140000
2	I.T	75000	75000	75000
3	Boundary wall and furnishing	1000000	100000	100000
4	Irrigation	400000	400000	400000
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)

2019-20	41164.00	553732.00	410354.50	143377.50
2020-21	143377.50	513757.50	309252.00	204505.50
2021-22	204505.50	1186568	822637	568436.50
2022-23	568436.50	556837.00	769888.50	355390.00
2023-24	355390.00	759922.00	849187.00	266125.00

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

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
Meeting ,Mela , Workshop	16	Rabi 2023.Kharif 2023	13	3	

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)
Blast	Rice	-	-	30 to 40%	Tricyclozole @1gm/liter
Seath blight	Rice			10 to 20%	validamycine @2 ml /liter
Blast	Ragi	-	-	20 to 25%	Tricyclozole @1gm/liter
Tikka	Groundnut	-	-	20 to 25%	Metalaxyl + Mancozeb @ 2gm/liter
Root rot	Groundnut	-	-	10 to 15%	Metalaxyl + Mancozeb @ 2gm/liter
wilting / root rot	Tomato, chilli	-	-	20 to 30%	Metalaxyl + Mancozeb @ 2gm/liter
cercospora	Cowpea			10 to 15%	carbendazin + Mancojeb @ 2gm/liter
powdery mildew	pointed gourd			20 to 30%	COC @ 3gm/lit

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 YuvaKendra(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	13	35400
Livestock	4	35400
Fishery	3	35400
Weather	4	35400
Marketing	1	35400
Awareness	2	35400
Training information		
Other		
Total	27	

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	*35400*
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
Septomber, October, December, January	Awareness programme , Cleaning programme

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		

2. Basic maintenance		
3. Sanitation and SBM	5	
4. Cleaning and beautification of surrounding areas	4	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	3	
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	4	
8. Swachhta Workshops		
9. Swachhta Pledge	1	
10. Display and Banner	1	
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	5	
14. No of Staff members involved in the activities	11	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total	**34**	

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Doordarshan (Yes/ No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwadaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
	Awareness	4	100		

Please provide good quality photographs:

9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
	Awareness programme	1	50		

Please provide good quality photographs:

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

Sl. No.	**Name of Farmer**	**Address of the farmer with contact no.**	**Innovation/ Leading in enterprise**
1	Sri Balaji Dalai	Giria, Hinjilikat 9861113749	Crop Production
2	Sri Bijaya Kumar Patro	Padripalli, Kukudakhandi 9178324914	Vegetable
3	Sri Ramesh Dalai	Giria, Hinjilikat 7008029365	Crop Production
4	Sanjee Ku Patra	Padripalli, Kukudakhandi 9556766108	Vegetable
5	Ruben Ku Patro	Padripalli, Kukudakhandi 9439682787	Crop Production
6	Bishnu Charan Pradhan	Putipadar,Rangeilunda 9938325711	Crop Production
7	Kangali Sahu	Rajanapalli, Chatrapur 9861362564	Vegetable
8	Mohan Parihari	Rajanapalli, Chatrapur 9668797622	Crop Production

9	Sudhrshan Parihari	Rajanapalli, Chatrapur	Crop Production
10	Tapaswani Parihari	Rajanapalli, Chatrapur 9078297906	Vegetable
11	Madhuchanda Patra	Padripalli Kukudakhandi 9178324914	Vegetable
12	Durga Charan Sahu	9776405654 Hinjilikat	Vegetable
13	Pitamber Sahu	Hinjilikat	Vegetable
14	Udhab Patra	Balipada, Digapahandi 9438469217	Crop Production
15	Laxmi sahu	Jharapadar, Ganjam 9439578086	Crop Production
16	Rabindra Jena	Benagohiri,Santoshpur, Ganjam 9337385789	Fishery
17	Suresan Behera	Tareipatapur, Chatrapur 9861962700	Fishery
18	Somaya Reddy	Satyanarayanpur, Rangeilunda 9938417471	Fishery
19	Balaji Ready	Jharapadar, Ganjam 8144650208	Fishery
20	Mahantra Mahoant	Bananayee, Purusottampur 9439153492	Crop Production
21	Ramachandra Nahak	Sunathar, Purusottampur 9583821318	Crop Production
22	Deba Palai	Humbara, Chatrapur 993859808	Fishery
23	Jitendra Ku Sahu	Indrakhi ,Rangeilunda 7377801981	Fishery
24	Tikina Behera	Gautami,Sanakhemundi 7873846281	Fishery

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

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

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:
b) Introduction / General Information:

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

Please provide good quality photographs:

11. Details of DAPST/ TSP

a. Achievements of physical output under TSP during 2023

Progress of DAPST for the year 2023 (Jan. to Dec., 2023)							
Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.				
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.				
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.				
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes				

	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.				
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
	5.9	Animals-small (pig, sheep, goat etc.)	No.				
	5.1	Poultry chicks / duckling etc	No.				
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
	5.14	Large Equipment's / machinery (> Rs. 25000)	No.				
	5.15	Infrastructure / Civil Works/ Ponds etc	No.				
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
	5.17	Land development/ Reclamation / Conservation	hectares				
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
	5.19	Micro nutrients	tonnes				
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg				
	5.23	Plant growth Promoter	kg				
	5.24	Animal Feed	tonnes				
	5.25	Animal Fodder	tonnes				
	5.26	Animal medicines	doses				
	5.27	Any other (Liquid PSB etc.)	Litre				
6	**Services/Facilitation**						
	6.1	Animal Health Camps	No.				
	6.2	Artificial Insemination / Vaccination	No.				
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.				
	6.5	Promotion of agri-entrepreneurship	No.				
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				

	6.7	Creation of market links of farm produces	No.				
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	**Distribution of Literature**		No.				
8	**Employment generation for livelihood**		(Man-months)				
9	**Fellowship, Stipends or Scholarship**		No.				
10	**Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable**		No. of projects				
11	**Monitoring & Evaluation of DAPSC/ST (upto 3%)**						
12	**Any other (specify)**						

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

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2023

Progress of DAPSC for the year 2023 (Jan. to Dec., 2023)							
Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.	8	8	120	120
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.	09	09	65	65
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.	8	8	80	80
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	10	10	20	20
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.	50000	50000	50	50
	5.5	Cutting , slips, suckers, etc	No.				

	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
	5.9	Animals-small (pig, sheep, goat etc.)	No.				
	5.1	Poultry chicks / duckling etc	No.	300	300	20	20
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
	5.14	Large Equipment's / machinery (> Rs. 25000)	No.				
	5.15	Infrastructure / Civil Works/ Ponds etc	No.				
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
	5.17	Land development/ Reclamation / Conservation	hectares				
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
	5.19	Micro nutrients	tonnes				
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg				
	5.23	Plant growth Promoter	kg				
	5.24	Animal Feed	tonnes				
	5.25	Animal Fodder	tonnes				
	5.26	Animal medicines	doses				
	5.27	Any other (Liquid PSB etc.)	Litre				
6	**Services/Facilitation**						
	6.1	Animal Health Camps	No.				
	6.2	Artificial Insemination / Vaccination	No.				
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.				
	6.5	Promotion of agri-entrepreneurship	No.				
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				
	6.7	Creation of market links of farm produces	No.				
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				

	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	**Distribution of Literature**		No.				
8	**Employment generation for livelihood**		(Man-months)				
9	**Fellowship, Stipends or Scholarship**		No.				
10	**Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable**		No. of projects				
11	**Monitoring & Evaluation of DAPSC/ST (upto 3%)**						
12	**Any other (specify)**						

b. Fund received under SCSP in 2023-24 (Rs. In lakh):1599790

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

14. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best FPOs awarded	Sri Kailas Ch Mohanty, (President Smart tech FPO)	2023-24	OUAT		OUAT Foundation day
2	Best FPOs awarded	Miss Puja Sethy, 3Director , Bhairabi Women Agro Producer Company ltd	2023-24	OUAT		OUAT Foundation day
3	FPO awarded	Anil Kumar Panda ,	2023-24	OUAT		OUAT

		MD , Baba Biswanath				Farmers Fair 2023
4	Millionaire farmers award	Sri Udhav Patra	2023-24	Krishi Jagaran		Millionaire farmers award
5	Millionaire farmers award	Sri Sureson Behera	2023-24	Krishi Jagaran		Millionaire farmers award
6	Millionaire farmers award	Sri Susant Pradhan	2023-24	Krishi Jagaran		Millionaire farmers award
7	Millionaire farmers award	Sri Asis Subudhi	2023-24	Krishi Jagaran		Millionaire farmers award

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

16. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator

17. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year

18. Technologies for Doubling Farmers' Income

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

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

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

Total					

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

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

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

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

(Please provide good quality photographs)

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2023

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

22. Information on NARI Project(if applicable)

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

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

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

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

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