PROFORMA FOR ANNUAL REPORT2023 (January-December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra At/Po- Badmal Jharsuguda, Pin-768202	Office	FAX	kvkjharsuguda.ouat@gmail.com kvk.jharsuguda@ouat.ac.in

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

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology, Bhubaneswar, Odisha.	0674-2397818/919 0674-2397424	0674-2397818/919	registrarouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Samir Ranjan Dash	KVK, Jharsuguda	9438531167	

1.4. Year of sanction of KVK:2006

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. Samir Ranjan Dash	Sr. Scientist & Head	Extension Education	89800	01.08.2022	Temporary	Other
2	Subject Matter Specialist	Dr. Anuj Kumar Rai	Scientist	Plant Science	20590 with AGP 6000	07.06.21	Temporary	Other
3	Subject Matter Specialist	Ms. Susmita Panda	Scientist	Agronomy	61300	01.08.22	Temporary	Other
4	Subject Matter Specialist	Vacant	-	-	-	-	-	-
5	Subject Matter Specialist	Vacant	-	-	-	-	-	-
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Vacant	-	-	-	-	-	-
9	Computer Programmer	Sri Bishnu Ranjan Padhi	Computer Programmer	B.E (Computer Sc.)	62200	11.08.2014	Temporary	Other
10	Farm Manager	Vacant	-	-	-	-	-	-
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12	Stenographer	Vacant	-	-	-	-	-	-
13.	Driver	Sri SamantaMallick	Driver	-	24500	28.07.2015	Temporary	SC
14.	Driver	Manoj Kumar Sahoo	Driver	-	29300	20.09.2017	Temporary	Others
15.	Supporting staff	Kamala Nag	Peon -cum - Watchman	-	23600	29.07.2008	Temporary	SC
16.	Supporting staff	Vacant	-	-	-	-	-	-

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.3
2.	Under Demonstration Units	0.4
3.	Under Crops	1.34
4.	Orchard/Agro-forestry	2.0
5.	Others with details (Lawn Area , Road	0.7
6.	Land under encroachment	1.0
	Total	**5.74**

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	-	-	-	-	Completed	1500	Under Use	ICAR
2.	Farmers Hostel	-	-	-	-	Completed	1500	Under use	ICAR
3.	Staff Quarters (6)	-	-	-	-	Completed	1400	Under use	ICAR
4.	Piggery unit	-	-	-	-				
5	Fencing	-	-	-	-	Completed	--	Under Use	ICAR & RKVY
6	Rain Water harvesting structure	-	-	-	-	Completed	1800	Under Use	ICAR & RKVY
7	Threshing floor	-	-	-	-	Completed	600	Under Use	ICAR
8	Farm godown	-	-	-	-				
9.	Dairy unit	-	-	-	-				
10.	Poultry unit	-	-	-	-	Completed	20	Under Use	RKVY

11.	Goatary unit	-	-	-	-	-	-	-	-
12.	Mushroom Lab	-	-	-	-	Completed	15	Under Use	RKVY
13.	Mushroom production unit	-	-	-	-	Completed	20	Under use	ICAR
14.	Shade house	-	-	-	-	Completed	50	Under use	ICAR
15.	Soil test Lab	-	-	-	-	Completed	20	Under use	ICAR
16	Duckery unit	-	-	-	-	Completed	20	Under Use	ICAR
17	Vermicompost Unit	-	-	-	-	Completed	15	Under Use	RKVY
18	Poly House	-	-	-	-	Completed	80	Under Use	RKVY
19	Azolla Unit	-	-	-	-	Completed	20	Under Use	ICAR
20	Overhead Tank with irrigation system					Completed	2000 Ltr,	Under Use	ICAR

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

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2017	8,00,000	84494	Good
Motor Cycle	2012	50000	34640	Good
Tractor	2023	750000	27 hrs	Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil Testing Lab. Equipment	2017	1700000	Good	ICAR
Mushroom Spawn production equipment	2011	250000	Good	RKVY
b. Farm machinery				
Tractor	2006	700000	Condemned	ICAR
c.AV Aids				
LCD	2012	50000	Good	ICAR
Television	2013	40000	Not working	ICAR
Sound System	2011	50000	Good	ICAR
Conference table Audio System	2017	64000	Good	ICAR
Smart Television	2021	34000	Good	ICAR
All-in-One	2020	40000	Good	ICAR
Dell Laptop	2021	40000	Good	ICAR
Printer	2022	20000	Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator	2006	30000	Not Good	ICAR
Brush Cutter	2017	42000	Good	ICAR
Manual Rice Thresher	2012	4500	Good	ICAR
Manual Rice Winnower	2012	5000	Good	ICAR

Ridger	2021	20000	Good	ICAR

1.8. Detailsof SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	19.01.2023	28	1. Awareness and training on Natural farming, organic inputs and its production and importance for sustainable agriculture	❖ Demonstration of vermicompost production using poly vermi bed (20 Nos.) ❖ Demonstration of rhizobium seed inoculation in Groundnut (2 ha) ❖ Management of Brinjal fruit and shoot borer using trichocard (1 ha) ❖ Demonstration of Arka vegetable special in hybrid tomato (2.0 ha) ❖ Demonstration of bio-fertizer and micronutrients in Toria. (3.0 ha) ❖ (Application of Azotobactor& PSB along with 50-25-25 kg N-P2O5-K2O kg/ha, Application of 25 kg ZnSo4 and 1 kg B per hectare) ❖ Skill Training programme of 5 day duration on vermicompost production and organic farming(4 Nos. with 80 participants) conducted under CBSAE development project ❖ Publication of booklet on Vermicompost production (500 Nos.) ❖ Demonstration of *T. Chilonisin*maize conducted during kharif 2023 in 10 ha ❖ Demonstration of Azolla Cultivation under SCSP programme (40 units) ❖ Publication of Booklet on Azolla Farming (500 Copies) ❖ Conducted Rural youth training programme on Azolla production	

			2. Intervention on weed management practices in Rice and oilseed crops	❖ Weed management in Groundnut variety Dharani , area-10 ha , no. of demonstration -25 in village Rautbahal and Guchhapalli (Weed management by Imazethapyr@ 75 gma.i/ha at 15-20 DAS), Rabi 2022-23 ❖ Herbicidal weed management in groundnut by pre-emergence application of Oxyfluorfen (@0.04kg a.i/ha) , variety K-1812 (Kadiri Lepakshi) in 6.0 ha in Rabi 2023-24 ❖ Demonstration of herbicide (Penuxsulam (2.67%) @ 1.0 litre /ha as post emergence) for weed management in upland rice ❖ Assessment of herbicides for weed management in transplanted rice (2 ha) ❖ TO1-Application of Cyhalofop butyl + Penoxulam @ 135g/ha at 20DAT ❖ TO2-Pre-emergence application of Pretilachlor @500 g/ha fb post emergence application of Chlorimuron ethyl + Metsulfuron methyl @ 4 g/ha at 20DAT	
			3.Agri-entrepreneurship and IFS models may be developed	❖ Four no. of IFS models are developed in villages-Chandinimal, Pudapalli, Saletikra ,Gudigaon ❖ 1. Farmer- Sri Rohit Pradhan ❖ Village Chandinimal (Poultry + Duckery+ Goatery+ Fish+ Vegetables) ,Area- 1.0 ha , Gross income –Rs.3.2 Lakhs ❖ 2. Farmer- Sri Mitrabhanu Patel ❖ Village Gudigaon (Dairy + Goatery + Fish+ Vegetables + Fruit) ,Area- 1.0 ha , ❖ Gross income –Rs.2.8 Lakhs ❖ 3. Farm Woman – Smt. SarojiniBhainsa ❖ Village Saletikra (Vegetables + Mango+ Vegetables + Poultry + Fish),Area -0.8 ha , Gross income –Rs.2.6 Lakhs ❖ 4. Farmer- Sri Lambodar Sahu ❖ Village Pudapalli - (Rice+Vegetables+ Mushroom+ Sugarcane), Gross income –Rs.2.4 Lakhs	
			4. Demonstration on	❖ FLD on poultry breed Kaveri in Kharif 2023 in villages	

			Poultry breed Kaveri may be conducted	Chandinimal, Keldamal and Banjari, H.Katapalli under SCSP programme (1000 birds) ❖ Assessment of comparative performance of Kaveri and Vanaraja poultry in backyard system (Rabi 2022-23) Body wt./Bird/year – Kaveri -2.5 kg, Vanaraja – 2.2 kg , FP- 1.4 kg	
			5. Demonstration on feed management in fish	❖ Demonstration of stunted fingerlings in seasonal pond ❖ Stocking of stunted fingerling @5000 no./ha ❖ (Catla + Rohu + Pangasius + Mrigal = 3:2:2:3) with feed management ❖ Yield -31.0q/ha (Pangasius -13.5 + IMC- 17.5) ❖ Demonstration of fish feed probiotics (Lactobacillus and Saccharomyces @ 2%) No. of demonstration -10 Nos.	
			6. Intervention on Dhaincha for green manuring in Rice	❖ Seed production of Dhaincha , 1.4 q in KVK farm ❖ Training programme conducted on green manuring inRice (4 Nos.)	
			7. Oyster mushroom cultivation with crumbled rice straw	❖ Demonstration on Cultivation of Oyster mushroom by using crumbled straw (*No. of beds -500 , No. of Demonstration – 10 units)* *Yield -1.6 kg/bed with return Rs.1500 /10 bed* ❖ Skill Training programme of 5 day duration on Oyster mushroom production (2 Nos. with 40 participants) were conducted under CBSAE development project ❖ Publication of booklet on “Oyster Mushroom Cultivation ”in Odia (500 copies)	
			8. Intervention on Nursery development for quality planting	❖ Skill Training on Nursery raising (1 Nos. with 20 participants) conducted under CBSAE development project ❖ One lakh two thousand seedlings and saplings of HYV	

			materials	vegetables, Papaya (Red Lady, Ranchi Dwarf) , Drumstick (ODC 3), Tomato(Arka Samrat), Marigold (BM-2) were raised and distributed to the farmers through Odisha Livilihood Mission and other programmes of KVKs ❖ Saplings were distributed to the farmers during various flagship programmes like Vanomahostav, PoshanAbhijan	
			9. Promotion of natural farming, bio pesticides and bio inputs by training and awareness programme	❖ Demonstration of *T. Chilonisin*maize conducted during kharif 2023 in 10 ha ❖ OFT on Management of Brinjal fruit and shoot borer using Pheromone trap and Tricho card (1 ha) ❖ Demonstration of seed inoculation with bio fertilizer (Rhizobium, Azotobacter and PSB) conducted in Toria and Groundnut (4 .0 ha) ❖ Demonstration of Azolla Cultivation under SCSP programme (40 units) ❖ Publication of Booklet on Azolla Farming (500 Copies) ❖ Conducted Rural youth training programme on Azolla production ❖	
			10. Convergence mode of activities in watershed areas	❖ Joint diagnostic field visit with Dept. of Agriculture, Jharsuguda for BPH and stem borer management, visited G.P -Loisingh, H. Katapalli ,Rampella ,Kolabira,Parmanpur,Kumarbandha of Jharsuguda district ❖ Awareness programme for pest management and agro advisory by KVK witth CDAO , Jgarsuguda ❖ Participation in Millet mission with P.D, ATMA and Odisha Millet mission. Conducted district level millet recipe competition , Seminar for promotion of millet ❖ Conducted capacity building programme for para-extension workers . (120 participants) ❖ Joint celebration of World soil day , Farm mechanisation mela and exhibition with Dept. of Agriculture, Jharsuguda ❖ Verification of planting materials ,InstallatofSabji Cooler	

				ion and training programme conducted for Udyan Sathi of Dept. of Horticulture , Jharsuguda ❖ Skill training for income generation to WSHGs members in collaboration with OLM , Jharsuguda under CBSAE development project.(8 nos. of Training with 160 participants) ❖ Training for FPOs members with SEWA NGO Kolabira (50 Participants) ❖ Participation of KVK in District level "Matsya O Prani Sampad Mela" with ARD, Jharsuguda ❖ Participation in awareness programme , drone demonstration and use of nanofertlizer in 78 GP of Jharsuguda under VBSY programme with CDO, DRDA, Jharsuguda (29.11.23 to 19.12.23) ❖ Participation in World Fishery day 2023 , Dept. of Fishery, Jharsuguda	
			11. Training on water management particularly on micro irrigation system	❖ Awareness on soil and water management in crop production under Jal Shakti Abhiyan programme conducted at village DurlaAbhiyanga and Sialrama (110 Nos.)	
			12. Training on value addition of vegetables and millets	❖ Participation of KVK on Millet Day organised by OMM (10.11.2022) ❖ Participation of KVK in International convention on Millets (09.11.2023) ❖ Conducted 02 nos. of training programme on package and practices of finger millet with post harvest management (Participant -80) ❖	
			13.Varietal trial on pulses (Blackgram/Greengram)	❖ Assessment of YMV tolerant varieties of green gram (IPM-02-14 , Yield- 7.3q/ha)and Virat, Yield 8.1q/ha) ❖ Demonstration of foliar spray of 2% Urea phosphate at 20	

			may be taken up	and 35 DAS in greengram	
			14. Demonstration on Rhizome rot management in ginger may be taken up	❖ Conducted training programmes on Rhizome treatment and post harvest management of Ginger in Lakhanpur block. (2 Nos., 60 Participants)	
			15. Intervention on pest and disease management, processing & value addition in ginger and chilli may be taken up	❖ Conducted training programmes on thrip management in chili . (2 Nos. , 50 participants)	

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants

Members present in18th Scientific Advisory Committee Meeting held on dt.14.12.2022

1	Dr. Hemanta Kumar Sahoo, DDE, DEE, OUAT, Bhubaneswar	Chairman
2	Dr. S.K Mandal,PrincipalScientist,ICAR-ATARI, Kolkata	Member
3	Dr. Pramod Kumar Panda, Principal Scientist, IIWM, Bhubaneswar	Member
4	Sri Manoranjan Nanda, ADH, Jharsuguda	Member
5	Dr. Dayasagar Daria, CDVO, Jharsuguda	Member
6	Sri Lingraj Pradhan, BAO, Jharsuguda	Member
7	Sri Prasanna Kumar Dash, P.D Watershed, Jharsuguda	Member
8	Dr. Prasant Kumar Katra,ADVO, Jharsuguda	Member
9	Sri Arpira Pritam, AFO, Jharsuguda	Member
10	Dr. Sanjeeb Biswasi, Sr. Scientist, RRTTS, Kirei, Sundargarh	
11	Sri Rashmi Ranjan Mohanty, ASCO, Jharsuguda	Member
12	Sri Sushil Kumar Dash, Secretary SEWA, Kolabira	Member
13	Sri. Gautam Behera, Secretary AJKA, Lakhanpur, Jarsuguda	--
14	Sri. Ashis Kumar Mohanty, Scientist (Hort.), KVK, Sundargarh-I	

15	Sri. Santanu Kumar pati, PM, AFPRO, Jharsuguda	
16	Sri. Sanjay Kumar Dash, Ag. Consultant , AFPRO, Jharsuguda	Member
17	Kaubantta Sahu, Akashvani, Sambalpur	
18	Sri. Pradeep Kumar Swain, JE, OAIC, Jharsuguda	
19	Sri Saroj Sahu, Progressive Farmer, Tharkashpur, Jharsuguda	Member
20	Sri Lambodar Barik, Progressive Farmer,Pudapali, Jharsuguda	Member
21	Smt. Kamalini Singh, Progressive Farm woman , Pandripathar, Jharsuguda	Member
22	Smt. Gitanjali Naik , Progressive Farm woman, Sialrama, Jharsuguda	Member
23	Sri. Jakshya Sahu, Progressive Farmer,Jamera, Jharsuguda	--
24	Sr. Jogeshwar Barik, Progressive Farmer,Jamera, Jharsuguda	--
25	Sri. Mangalu Naik, Progressive Farmer,Sialrama, Jharsuguda	--
26	Ms. Susmita Panda, Scientist (Agronomy)	--
27	Dr. Anuj Kumar Rai, Scientist, KVK Jharsuguda	--
28	Dr. Samir Ranjan Dash, Sr. Scientist & Head, KVK, Jharsuguda	Member -Secretary

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rainfed
2	Agro-climatic Zone	Western Central Table Land Zone and North Western Plateau Zone
3	Agro ecological situation	Undulating sub mountainous tract rainfed,Plateau Rainfed Lateritic low rainfall.
4	Soil type	The soil is mostly lateritic. Red and Yellow soils are found in small

		patches of Kolabira block only. Soil reaction is generally acidic in Jharsuguda, Lakhanpur and Kirimira and almost neutral in Laikera and Kolabira block.
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice-2255kg/ha,Maize-2670kg/ha, Greengram- 442 kg/ha, Blackgram-417 kg/ha, Kulthi-455kg/ha, Groundnut-1291kg/ha, Sesamum-402 kg/ha,Mustard-405kg/ha, Potato-13600kg/ha, Onion- 10000kg/ha, Chilli-976 kg/ha, Turmeric-6200 kg/ha, Ginger-5250kg/ha.
6	Mean yearly temperature, rainfall, humidity of the district	42˚ C & 12˚ C, 1362.8mm, 55%
7	Production of major livestock products like milk, egg, meat etc.	Milk- 14.41 000'MT, Meat- 1256.55MT, Egg- 9.76 Million, 5421 MT

Note: Please give recent data only

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

Sl. No.	Name of District	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Jharsuguda	Jharsuguda	Jamera, Tharkaspur, Durlaga, Tihadipali	Rice, Greengram, Brinjal, Tomato, Mustard, Mushroom	Rice-Local variety, Stem borer, BPH, Blast, BLB, BPHand Weed problem Greengram-Local variety, YMV incidence, Brinjal- Local variety, disease and pest incidence Tomato- Local variety, disease and pest incidence Mustard- Local variety, disease and pest incidence Mushroom- Low yield	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management. ➢ Improved Production practices

2	Jharsuguda	Kolabira	Gudigaon , Siriapalli, Ghantamal,	Rice, Sesamum, Mustard, Greengram, Potato, Onion, Cauliflower, Cabbage, Tomato, Marigold	RiceRice-Local variety, Stem borer, BPH, Blast, BLB and Weed problem Sesamum-Local variety, disease and pest incidence. Tomato- Local variety, disease and pest incidence Potato- Blight problem and local variety. Onion- Low yield due to local variety. Cauliflower- Local variety, disease and pest Mustard- Local variety, disease and pest incidence Marigold- Local variety, disease and pest incidence	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.
3	Jharsuguda	Kirmira	Bhaunra, Sulehi, Sialrama	Rice, Greengram, Brinjal, Tomato, Potato,Chilli, Groundnut	Rice-Local variety, Stem borer, BPH, Blast, BLB and Weed problem Greengram- Local variety, YMV incidence, Improper nutrient management Brinjal- Local variety, disease and pest incidence Tomato- Local variety, disease and pest incidence Potato- Blight problem and local variety. Chilli- Local variety, disease and pest incidence Groundnut- Low yield, disease and pest incidence, Improper nutrient management	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management ➢ .Integrated Crop Management

4	Jharsuguda	Laikera	Rengalbeda, Routbahal	Rice,Greengram, Mustard,Sesamum, Brinjal, Tomato, Cabbage, Cauliflower, Chilli, maize and Sweet corn	Rice-Local variety, Stem borer, BPH, Blast, BLB and Weed problem Sesamum-Local variety, disease and pest incidence. Tomato- Local variety, wilting, blossom end rot Brinjal- Local variety, wilting , Fruit and shoot borer Cauliflower- Local variety, disease and pest incidence. Cabbage- Local variety, disease and pest incidence. Chilli- Local variety, leaf curl and thrips , wilting Maize- Local variety, disease and pest incidence. Sweet Corn- Low yield, disease and pest incidence.	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.

5.	Jharsuguda	Lakhanapur	Kureimal, Baddhara, Atabira ,Bhikampalli	Rice, Greengram, Groundnut, Potato, Tomato, Ginger, Pointed gourd, Mustard, Maize	Rice-Local variety, Stem borer, BPH, Blast, BLB and Weed problem Greengram- Local variety, YMV incidence Brinjal- Local variety, wilting , Fruit and shoot borer Tomato- Local variety, wilting, blossom end rot Groundnut- Local variety, Tikka disease Potato- Blight problem and local variety. Ginger- Rhizome rot, local variety Pointed Gourd- Root rot, local variety Mustard- Local variety, disease and pest incidence Maize- Local variety, disease and pest incidence.	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.

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
Siriapali	Kolabira	Execution of action plan 2022
Mauliberna	Lakhanapur	Execution of action plan 2023
Udiapli	Laikera	Execution of action plan 2023
Tharkaspur	Jharsuguda	Execution of action plan 2022
Jamera	Jharsuguda	Execution of action plan 2022

2.1 Priority thrust areas

S. No	Thrust area
1.	• Crop diversification and varietal replacement
2.	• Integrated Nutrient Management

3.	• Production of quality planting materials
4.	• IPM, IDM & IWM in rice
5.	• Women empowerment through Income Generating Activities
6.	• Promotion of Nutritional garden
7.	• Breed up-gradation of livestock and poultry
8.	• Livestock disease management
9.	• Production of organic inputs and promotion of organic farming
10.	• Nursery raising of vegetable seedlings and its management
11.	• Cultivation of High value & commercial horticultural crops
12.	• Post-harvest technology and value addition of fruits and vegetables
13.	• Market led production strategies
14.	• Promotion of Integrated farming system
15.	• Formation and strengthening of FPOs

3. TECHNICAL ACHIEVEMENTS

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

OFT	FLD
No. of technologies tested: 05	No. of technologies demonstrated: 21

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
05	05	35	5	2	4	4	12	8	21	14	35	21	21	240	18	26	33	37	58	68	109	131	240

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
60	53	1500	55	256	105	240	53	282	441	925	1366	171	167	4000	4366	366	4155	542	907	934	1758	1842	3600

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
1.5	1.4	1.05	0.34

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.10	0.015	0.001	0.001

* 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	2						
Seminar/conference/ symposia papers	1						
Books							
Bulletins							
News letter	1	500					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	12	1800					
Technical reports	5						
Electronic Publication (CD/DVD etc)							
TOTAL	21						

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of Rice varieties for rain fed medium land
2.	Problem diagnosed	Less yield due to cultivation of low yielding varieties of rice
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice- MTU-1010 (125 days duration Medium slender grain. Res to leaf blast, mod. tores brown t, sspoheath rot, SB and leaf folder, 3.5-4 t/ha) TO_1- Kalinga dhan-1203, 132days duration, Good cooking quality, medium slender grain, Yield- 52q/ha. moderately resistant to sheath-rot, BPH, stem-borer and leaf folder. TO_2- Kalinga dhan-1205, 135 days duration, Good cooking quality, medium slender grain, Yield- 51q/ha. resistant to leaf blast, sheath-rot, brown spot, tolerant to leaf folder, gundhi bug and stemborer.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO_1 -OUAT, 2021 TO_2-OUAT, 2021
5.	Production system and thematic area	Rice based and Varietal Evaluation
6.	Performance of the Technology with performance indicators	FP- Yield 38.6q/ha with B:C of 1.73 TO_1 -Yield 47.5q/ha with B:C of 2.01

		TO_2-Yield 44.3q/ha with B:C of 1.88
7.	Final recommendation for micro level situation	Kalinga dhan-1203 performed better as compared to Kalinga Dhan-1205
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Accepted by the farmers

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. ofgrainst per panicle	Test wt. (100 grain wt.)						
FP	7	11.5	178	22.7		38.6		84264	35564	1.73
TO1	7	15.3	198	24.2		47.5		103693	52192	2.01
TO2	7	13.8	191	23.5		44.3		96707	45207	1.88

OFT-2

1.	Title of On farm Trial	Assessment of herbicides for weed management in transplanted rice
2.	Problem diagnosed	Low yield due to heavy weed infestation in transplanted rice
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice- Manual weeding and application of Pretilachlor 50% E.C @500ml per acre TO_1-Application of Cyhalofop butyl + Penoxulam @ 135g/ha at 20DAT TO_2-Pre-emergence application of Pretilachlor @500 g/ha fb post emergence application of Chlorimuron ethyl + Metsulfuron methyl @ 4 g/ha at 20DAT
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO_1 -OUAT, Annual report, 2020 TO_2-OUAT, Annual report, 2015
5.	Production system and thematic area	Rice based and Weed management
6.	Performance of the Technology with performance indicators	FP- Yield 37.4q/ha with B:C of 1.78 TO_1 -Yield 41.5q/ha with B:C of 1.93 TO_2-Yield 43.1q/ha with B:C of 2.03
7.	Final recommendation for micro level situation	TO_2- Pre-emergence application of Pretilachlor @500 g/ha fb post emergence application of Chlorimuron ethyl + Metsulfuron methyl @ 4 g/ha at 20DAT
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Accepted by the farmers

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Weed infestation			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Weed count (No/m^2)	Dry matter of weed (g/m^2)	Test wt. (100 grain wt.)						
FP	7	64	7.8			37.4		81644	35844	1.78
TO1	7	38	4.4			41.5		90595	43694	1.93
TO2	7	23	2.9			43.1		94087	47687	2.03

OFT-3

1.	Title of On farm Trial	Assessment of BPH management in transplanted ric
2.	Problem diagnosed	Low yield due to BPH incidence (Area-6000 ha)
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice- Spraying of Imidacloprid(17.8 SL) @ 100 ml per acre twice TO_1-Skip row planting, draining the rice field for 3-4 days during the early stage of infestation, spraying of Pymetrozine 50 WG @ 300 g/ha at 60DAT

		TO_2-Skip row planting, draining the rice field for 3-4 days during the early stage of infestation, spraying of Triflumezopyrim 10 SC @ 240 ml/ha (single spray at 65-70 DAT) is helpful
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO_1 -*NRRI,Cuttack 2021*. TO_2-*RRTTS, Chiplima 2022*
5.	Production system and thematic area	Rice based and Plant protection
6.	Performance of the Technology with performance indicators	FP- Yield 38.6q/ha with B:C of 1.73 TO_1 -Yield 47.5q/ha with B:C of 2.01 TO_2-Yield 44.3q/ha with B:C of 1.88
7.	Final recommendation for micro level situation	Kalinga dhan-1203 performed better as compared to Kalinga Dhan-1205
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Accepted by the farmers

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			No. of hoppers/hil	Yield (q/ha)	Cost of cultivation	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective	No. of grains per panicle	Test wt. (100						

		tillers/hill		grain wt.)	l		(Rs./ha)			
FP	7		102.9		16.4	38.1		83058	39058	1.8
TO1	7		103.3		8.6	40.5		88290	43290	2.0
TO2	7		103.1		7.2	42.9		93522	48022	2.1

OFT-4

1.	Title of On farm Trial	Assessment of Brinjal shoot and fruit borer management
2.	Problem diagnosed	Low yield due to pest incidence
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers Practice**- Brinjal var. Blue star and non judicious use of Pesticides (Chloropyriphos, Triazophos@2ml/ltr.) **TO_1**-Rynaxpyr (0.3 ml/l) application to control Brinjal shoot and fruit borer 30 DAT and another one 45DAT **TO_2**-Spray Flubendiamide 480 SC @ 78.70 g ai/ha at 35DAT and Rynaxypyr 20 SC @ 33.33 ml ai/ha at 50DAT are effective in controlling shoot & fruit borer of brinjal
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO-I -*Annual Report ,OUAT-2019* TO-II- *Annual Report ,OUAT-2018*
5.	Production system and thematic area	Pest Management

6.	Performance of the Technology with performance indicators	Continue
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of grainst per panicle	Test wt. (100 grain wt.)						

OFT-5

Title	Technology
➢ Assessment of the performance of FPOs with varied levels of task and commodity to enhance income	Farmers Practice -Farmers marketing their produce through intermediaries TO_1 -FPO dealing with a single commodity with a single task i.e., Millet-Marketing TO_2 -FPO dealing with multi-commodity with multi-task i.e., Pulses, Crops Vegetable - sorting, grading, packing, value addition, branding, leveling and marketing

To access the performance of FPOs , a structured scheduled was developed to study the opinions from the Members about the role of FPOs in successful marketing of the produce. Different aspects were studied In relation to FPOs (3 point Likert scale- SA- Strongly agree, PA- Partially Agree, NA-Not Agree1. Social aspects 2.Technical aspects 3.Marketing aspects 4.Organisational aspects

Aspects (N=30)	TO_1(N=35)		TO_2 (N=35)		Stat analysis
	Mean Score	Gap %	Mean Score	Gap %	
Social Aspects	2.12	29.8	2.06	30.8	Z calculated 2.86 Z tab 1.96 As Z cal> Z tab there is a significance difference between two sample means
Technical aspects	1.95	35.6	1.77	38.2	
Marketing aspects	2.14	28.8	1.86	35.9	
Organisational aspects	1.93	39.8	1.78	31.3	

TO_1- In TO_1 maximum gap were observed in organizational aspects where as in TO_2 technical gap were maximum. In both the groups responded were satisfied about the marketing aspects of the FPOs . As TO_2 is performed diversified activities emphasis should be more on strengthening of Technical aspects where as TO_1should focus on providing organizational and guidance for higher profitability

Name of the FPO	**CBBO**	**Membership**	**Activities**	**Turn over (Rs.)**
Sankalpa Producer Company Ltd, (2013)	AJKA	975	Input supply outlet , Vegetable Aggregation & marketing of organic paddy cultivation & marketing of aromatic paddy cultivation	32,99,061 (2018-19)
Trimukhi Farmers Producer Company Limited (2018)	SEWA	1000	Millet production, procurement and marketing	500000 (2018-19)

Results:

Good quality photographs of different treatments:

Please provide all the OFTs in same format

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.	Maize	Varietal Replacement	Maize var. Kalingaraj, Duration -85-100 days, Avg. yield-77-79	5	5	5	1	3	1	8	0	16	2	18	

			q/ha, Res. To common rust, Moderate Res. to MLB, TLB, Cyst nematode, MR to Fusarium stalk, charcoal rot, BLSB, Tolerant to drought.												
2.	Finger Millet	Varietal Replacement	Finger millet variety Arjun (OEB526), Maturity duration 110 days and average yield 20.7q/ha. with moderate resistance to leaf, neck and finger blast and brown seed	5	5	1	5	0	1	5	0	6	6	12	
3.	Maize	IPM	Seed treatment: Cyantraniliprole 19.8% + Thiamethoxam 19.8% FS @ 6 ml/kg of seed will be effective for 15-20 days. Azadirachtin 1500ppm @ 5ml/l of water at 21DAS, Thiamethoxam 12.6% + Lambda cyhalothrin 9.5% ZC @125ml/ha at 35 DAS and 35 DAS	2	2	1	3	0	0	2	4	3	7	10	
4.	Rice	Weed Management	Application of Penuxulam (2.67%) @ 1.0 litre /ha as post emergence application at 12-15 DAT	2	2	1	0	1	0	6	2	8	2	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Maize	Kharif	RF	Red-lateritic	-	-	-	Fallow	11.07.23	26.10.32	1151	57 days
Finger Millet	Kharif	RF	Red-lateritic	-	-	-	Fallow	21.07.23	10.11.23	1151	57 days
Maize	Kharif	Irrigated	Red-lateritic	-	-	-	Vegetables	11.07.23	26.10.32	1151	57 days
Rice	Kharif	RF	Red-lateritic	-	-	-	Greengram	29.07.2023	15.11.2023	1151	57 days

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

Groundnut	Varietal Replacement	Very high yielding, profuse bearing Spanish variety with high oil and high protein. Multiple resistant for drought , pest and diseases. Stable yields (15-20q/ha) even under severe drought.	15	5.0	Continue											
Toria	Integrated Nutrient Management	Seed inoculation with Azotobactor& PSB along with 50-25-25 kg N-P_2O_5-K_2O kg/ha, Application of 25 kg $ZnSO_4$ and 1 kg B per hectare	10	2.0	Continue											
Groundnut	Crop management	Seed treatment with Rhizobium, Line sowing, 20-40-40 Kg NPK/ha along with 40 kg S/ha, Foliar spray of @0.03 % B twice at 10days interval starting from 30 days after sowing ,Pre-emergence Application of oxyfluorfen @ 0.04kg/ha	10	2.0	Continue											
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
Greengram	Integrated Nutrient Management	Application of 75 % N+75% P + full dose of K+ Foliar spray of 2% Urea Phosphate(N:P:K:: 17:44:0) at 20 & 35 DAS in green gram	10	2.0	Continue										
	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

Rice	Weed Management	**Application of Penuxulam (2.67%) @ 1.0 litre /ha as post emergence application at 12-15 DAT**	10	2	41.9	36.4	15	Weed density (No./m^2) 51	Weed density (No./m^2) 22	46000	**91468**	**45468**	**1.99**	45800	**79460**	**33660**	**1.73**
Maize	Varietal Replacement	Maize var. Kalingaraj, Duration -85-100 days, Avg. yield-77-79 q/ha, Res. To common rust, Moderate Res. to MLB, TLB, Cyst nematode, MR to Fusarium stalk, charcoal rot, BLSB, Tolerant to drought.	18	5	45.8	37.4	18.34	45.8g seed index	34.7g seed index	41000	91600	50600	2.2	38500	74800	36300	1.9

Finger Millet	Varietal Replacement	Finger millet variety Arjun (OEB526), Maturity duration 110 days and average yield 20.7q/ha. with moderate resistance to leaf, neck and finger blast and brown seed	12	5	2	1.4	30	2.0 tillers/hill	1.4 tillers/hill	23000	47037	24037	2	18500	33725	15225	1.8

Maize	IPM	Seed treatment: Cyantraniliprole 19.8% + Thiamethoxam 19.8% FS @ 6 ml/kg of seed will be effective for 15-20 days. Azadirachtin 1500ppm @ 5ml/l of water at 21DAS, Thiamethoxam 12.6% + Lambda cyhalothrin 9.5% ZC @125ml/ha at 35 DAS and 35 DAS	10	2	45.5	39.5	13.18681319	pest infestation-15%	pest infestation-45%	45800	95050	49295	2.1	42000	82550	40550	2

Marigold	Varietal Replacement	Dem. of Bidhan Marigold 2, Number of flowers per plant-128. The flowers are attractive, orange in colour, compact and found suitable for making garland	11	0.4	104.7	78.5	25.02387775	Nos of flowers/plant-87	Nos of flowers/plant-61	80000	314100	234100	3.8	60000	172700	112700	2.9
Sweet Corn	Varietal Replacement	Misthi: - Average green cob yield-11t/ha, TSS- 16-17% and duration - 75-80 days	10	0.4	Continue												

Toma to	IDM	Tomato variety- Arka Samrat High yielding F1 hybrid developed by crossing IIHR-2835 X IIHR-2832. First F1 Hybrid with triple disease resistance to ToLCV, BW and early blight., average wt.- 90-110g, deep red and firm.,Yields:80-85 t/ha. in 140 days	12	2	Continue												

Toma to	INM	Application of Arka vegetable special. (It contains micronutrients such as Zn, Fe, B, Cu, Mn, used as foliar spray in tomato crop. It enhances fruit set, fruit size, reduces pest and disease.	10	2	Continue													
		Total																

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry	IGA	Demonstration of stress tolerant poultry breed Kadaknath	13	500 Nos.	Body wt./bird/6 month (kg)-1.3	Body wt./bird/6 month (kg)-1.2	16.66	Mortality (%)-4	Mortality (%)-11	1700/ 10 bird	7100/ 10 bird	5400/ 10 bird	4.3	1300/ 10bird	4200/ 10bird	2900/10 bird	3.2

Rabbitry																		
Pigerry																		
Sheep and goat																		
Duckery	IGA	Demonstration of Duck breed Khaki Campbel in backyard	10	10 nos.	Body wt./bird/4 month (kg)-1.7	Body wt./bird/4 month (kg)-1.1	50	No. of Eggs/bird/Year -160	No. of Eggs/bird/Year -110	1150/ 10 bird	3600/ 10 bird	2450/ 10 bird	3.1	900/ 10 bird	2400/ 10 bird	1500/ 10 bird	2.7
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
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
		Total															

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

Other enterprises

Category	Name of the technology	No. of Farmer	No.of units	Major parameters	% change in major	Other parameter	*Economics of demonstration (Rs.) or Rs./unit	*Economics of check (Rs.) or Rs./unit

	demonstrated			Demonstration	Check	parameter	Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy straw mushroom	Cultivation of Paddy straw mushroom in scientific method sp. *V. Volvacea*	10	10	Yield (Kg/bed)-1.2	Yield (Kg/bed)-0.7	44	-	-	680/10 bed	2400/10 bed	1720/10 bed	3.5	550/10 bed	1680/10 bed	1130/10 bed	3.0
Oyster mushroom	Cultivation of Oyster mushroom by using crumbled straw	10	10	Yield (Kg/bed)-1.6	–	–	–	–	550/10 bed	1600/10 bed	1150/10 bed	2.9	–	–	–	–
Vermicompost	Demonstration on vermicomposting using poly tank	20	10	Continue												
Sericulture																
Apiculture	Honey bee rearing in scientific method with species *Apiscerenaindica*	3	3	Continue												
Others (pl.specify)																
Total																

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

Other Demonstration programme

Title-	Demonstration on effectiveness of short technology videos on technology adoption			
Details of Technology-	Preparation of small videos (1.5-2.0 minutes) on mushroom production and same will be sent through WhatsApp to the identified farmers			
Observation Parameters	Farmers Practice		Recommended Practice	
	Mean Score	Gap %	Mean Score	Gap %
Informative	2.5	16.6	2.76	8
Understandable	2.16	28	2.8	6.7

Timeliness	2.4	20	2.5	16.6
Applicability	2.1	30	2.73	9
Sustainability	1.96	20	2.53	15.6
Change in Knowledge	1.83	39.0	2.63	12.3
Change in skill	1.46	51.3	2.40	20.0
Change in adoption	1.63	45.6	2.33	22.3
Result-	In demonstration practice, minimum gap is found in case of understanding of the message /technology and it is recommended to provide the video information in time . In farmers practice maximum gap is observed in case of skill up gradation and higher level of adoption is found in recommended practice			

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 (q/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize	Kalingaraj	18	5	45.8	37.4	18.34	41000	91600	50600	2.2
Rice										
Sorghum										
Wheat										
Others (Sweetcorn)	Misthi	10	0.4	Continue						
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	Arka Samrat	12	2.0	Continue						
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	Rice	Accepted by the farmers
2	Rice	This weed management practices gives higher yield
3	Maize	Maize variety Kalingaraj gives higher yield and income
4	Finger Millet	Accepted by the farmers
5	Marigold	The net return is more and accepted by farmers
6	Tomato	Triple resistant Tomato variety- Arka Rakshak is accepted by farmers
7	Vegetables	Nutritional Garden ensuring Nutritional Security of farm families and accepted by farm women
8	Mushroom cultivation	Good source of income for farm women
9	Poultry production	The Kadaknath breed is well accepted by the farmers for higher price
10	Duckery	Khaki Campbel is more profitable as having high production potential in terms of egg production and body weight gain
11	Common carps	Stocking of stunted fingerling @5000 no./ha (Catla + Rohu + Pangasius + Mrigal = 3:2:2:3) with feed management gives more yield (31.0q/ha)
12	Vermicomposting	Good source of income for farmers
13	Bee Keeping	Good source of income for farmers

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	November 2023	2	100	Maize and Sweet Corn
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2023 and Rabi 2022-23:

A. Technical Parameters:

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

1	Ground nut	Local	15.6	1268	1787	2600	New var.(Dharani) and Seed treatment withCarbendazim @ 2g/kg seed & need based PP chemicals	25	10	18.9	16.7	17.8	38.9	0	31.53
1	Greengram	Chaiti mung	6.1	450	490	1100	Var.Virat, Seed treatment with Carbendazim @ 2g/kg seed, Seed innoculation with liquid Rhizobium, & need based PP chemicals along with yellow sticky traps	25	10	8.9	6.7	7.8	42	46	29

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	New var.(Dharani) and Seed treatment with Carbendazim @ 2g/kg seed &neeed based PP	32000	68000	36000	2.1	38000	89000	51000	2.3

	chemicals								
2	Var.Virat , Seed treatment with Carbendazim @ 2g/kg seed, Seed innoculation with liquid Rhizobium, & need based PP chemicals along with yellow sticky traps	30800	47305	16505	1.53	32500	60489	27989	1.86

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	New var.(Dharani) and Seed treatment with Carbendazim @ 2g/kg seed &neeed based PP chemicals	44530	300	50	150	100	Farming and household expenses	50
2	Greengram var. IPM 205-07 (Virat)	7800	150	77.55	50	20	Farming and household expenses	30

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	New var.(Dharani) and Seed treatment with Carbendazim @ 2g/kg seed &neeed based PP chemicals	Yes	Good	90	No	Yes	-

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Total Package and practices with improved variety	Good	14.1 % more yield over local check	Accepted by the farmers

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Group Meeting	21.12.22, Routbahal	25
2	Group Meeting	26.12.22, Guchhapali	15
3	Training and group meeting	24.02.2023	25
4	Field Day on Groundnut	24.03.23,Routbahal	30
5	Training and group meeting	06.02.2023, Jamera	25
6	Field Day on Greengram	23.03.23, Jamera	30

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






CFLD on Groundnut- Variety Dharani

CFLD on Greengram- Variety Virat

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.)
CFLD Oilseeds	i) Critical input	120000	106530	
	ii) TA/DA/POL etc. for monitoring		6575	
	iii) Extension Activities (Field day)		6895	
	iv)Publication of literature		--	
	Total	120000	120000	Nil

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
CFLD Pulses	i) Critical input	88800	60270	Nil
	ii) TA/DA/POL etc. for monitoring		4000	
	iii) Extension Activities (Field day)		9530	
	iv)Publication of literature		15000	
	Total	88800	88800	

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

A) Farmers and farm women (on campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	2	11	13	-	8	8	-	9	9	2	28	30
Soil & water conservation													
Integrated nutrient Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of organic inputs													
Others													
Total	1	2	11	13	-	8	8	-	9	9	2	28	30
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
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													

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
implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Group dynamics													
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	1	2	11	13	-	8	8	-	9	9	2	28	30

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	2	9	19	13	2	2	4	3	0	3	14	21	35
Production of organic inputs	4	5	41	46	0	11	11	0	18	18	5	60	65
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													

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
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others	1	0	3	3	0	8	8	0	9	9	0	20	20
Total	7	14	63	62	2	21	23	3	27	30	19	101	120

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	11	6	17	0	2	2	3	3	6	14	11	25
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs	1	4	1	5	5	3	8	4	13	17	13	17	30
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(QPM and IFS models)	3	26	8	34	3	1	4	2	0	2	31	9	40
Total	5	41	15	56	8	6	14	9	16	25	58	37	95

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	5	23	28	0	0	0	0	2	2	5	25	30
Resource Conservation Technologies													
Cropping Systems	1	1	1	2	4	10	14	3	6	9	8	17	25
Crop Diversification	2	14	32	46	0	0	0	0	9	9	14	41	55
Integrated Farming													
Micro irrigation/irrigation													
Seed production	2	0	27	27	0	17	17	1	15	16	1	59	60
Nursery management	1	0	15	15	1	7	8	0	2	2	1	24	25
Integrated Crop Management	3	28	44	72	0	6	6	0	12	12	28	62	90
Soil & water conservation	1	0	2	2	0	28	28	0	0	0	0	30	30
Integrated nutrient Management	3	7	19	26	2	5	7	19	23	42	28	47	75
Production of organic inputs													
Others	3	7	5	12	3	6	9	4	0	4	14	11	25
Total	17	62	168	230	10	79	89	27	69	96	99	316	415
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising	1	5	16	21	0	0	0	1	8	9	6	24	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)	1	5	16	21	0	0	0	1	8	9	6	24	30
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													

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
technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management	1	8	12	20	1	0	1	1	6	7	10	18	28
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	1	8	12	20	1	0	1	1	6	7	10	18	28
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													

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
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	2	6	17	23	0	2	2	4	21	25	10	40	50
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total	2	6	17	23	0	2	2	4	21	25	10	40	50
VI. Agril. Engineering													
Farm machinery & its maintenance	1	33	12	45	7	8	15	12	3	15	52	23	75
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	1	1	16	17	0	0	0	0	13	13	1	29	**30**
Others													
Total	2	34	28	62	7	8	15	12	16	28	53	52	105
VII. Plant Protection													
Integrated Pest Management	2	2	18	20	1	0	1	21	8	29	24	26	50
Integrated Disease Management	7	17	13	30	19	111	130	7	16	23	43	140	183
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	9	19	31	50	20	111	131	28	24	52	67	166	233
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													

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													
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	1	0	13	13	0	12	12	0	0	0	0	25	25
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	1	0	7	7	0	1	1	0	17	17	0	25	25
Apiculture													
Others													
Total	2	0	20	20	0	13	13	0	17	17	0	50	50
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	2	25	17	42	3	0	3	6	0	5	33	17	50
Formation and Management of SHGs	1	12	1	13	3	4	7	12	18	30	27	23	50
Mobilization of social capital	1	8	13	21	0	1	1	1	2	3	9	16	25
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others	2	46	27	74	1	3	4	1	7	8	48	37	85
Total	6	91	58	150	7	8	15	20	27	46	117	93	210
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	40	225	350	576	45	221	266	93	188	280	362	759	1121

E)RURAL YOUTH (Off Campus)

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

F) Extension Personnel (Off Campus)

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

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	5	23	28	0	0	0	0	2	2	5	25	30
Resource Conservation Technologies													
Cropping Systems	1	1	1	2	4	10	14	3	6	9	8	17	25
Crop Diversification	2	14	32	46	0	0	0	0	9	9	14	41	55
Integrated Farming													
Micro irrigation/irrigation													
Seed production	2	0	27	27	0	17	17	1	15	16	1	59	60
Nursery management	1	0	15	15	1	7	8	0	2	2	1	24	25
Integrated Crop Management	4	30	55	85	0	14	14	0	21	21	30	90	120
Soil & water conservation	1	0	2	2	0	28	28	0	0	0	0	30	30
Integrated nutrient Management	3	7	19	26	2	5	7	19	23	42	28	47	75
Production of organic inputs													
Others	3	7	5	12	3	6	9	4	0	4	14	11	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total	18	64	179	243	10	87	97	27	78	105	101	344	445
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	1	5	16	21	0	0	0	1	8	9	6	24	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)	1	5	16	21	0	0	0	1	8	9	6	24	30
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													

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													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs	1	8	12	20	1	0	1	1	6	7	10	18	28
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total	1	8	12	20	1	0	1	1	6	7	10	18	28
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	2	6	17	23	0	2	2	4	21	25	10	40	50
Value addition													
Women empowerment													
Location specific drudgery													

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
reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total	2	6	17	23	0	2	2	4	21	25	10	40	50
VI. Agril. Engineering													
Farm machinery & its maintenance	1	33	12	45	7	8	15	12	3	15	52	23	75
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	1	1	16	17	0	0	0	0	13	13	1	29	**30**
Others													
Total	2	34	28	62	7	8	15	12	16	28	53	52	105
VII. Plant Protection													
Integrated Pest Management	2	2	18	20	1	0	1	21	8	29	24	26	50
Integrated Disease Management	7	17	13	30	19	111	130	7	16	23	43	140	183
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	9	19	31	50	20	111	131	28	24	52	67	166	233
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production	1	0	13	13	0	12	12	0	0	0	0	25	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	1	0	7	7	0	1	1	0	17	17	0	25	25
Apiculture													
Others													
Total	2	0	20	20	0	13	13	0	17	17	0	50	50
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	2	25	17	42	3	0	3	6	0	5	33	17	50
Formation and Management of SHGs	1	12	1	13	3	4	7	12	18	30	27	23	50
Mobilization of social capital	1	8	13	21	0	1	1	1	2	3	9	16	25
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others	2	46	27	74	1	3	4	1	7	8	48	37	85
Total	6	91	58	150	7	8	15	20	27	46	117	93	210
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	41	227	361	589	45	229	274	93	197	289	364	787	1151

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	2	9	19	13	2	2	4	3	0	3	14	21	35
Production of organic inputs	4	5	41	46	0	11	11	0	18	18	5	60	65
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others	1	0	3	3	0	8	8	0	9	9	0	20	20
Total	7	14	63	62	2	21	23	3	27	30	19	101	120

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	11	6	17	0	2	2	3	3	6	14	11	25
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs	1	4	1	5	5	3	8	4	13	17	13	17	30
Care and maintenance of farm machinery and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	3	26	8	34	3	1	4	2	0	2	31	9	40
Total	5	41	15	56	8	6	14	9	16	25	58	37	95

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
Crop Production	F&FW	Integrated Nutrient Managemenr in groundnut	01	Off	20	5	25	20	5	25
Crop Production	F&FW	Crop rotation and crop diversification	01	Off	14	41	55	0	9	9
Crop Production	F&FW	Cultivation of pulses in rice-fallow & its management	01	Off	8	17	25	7	16	23
Crop Production	F&FW	Water management and inturculture operation in summer ground nut	01	Off	14	11	25	7	6	13
Crop Production	F&FW	Store grain pest management in greengram using probag	01	Off	5	20	25	3	17	20
Crop Production	F&FW	Green manuring	01	Off	1	24	25	1	19	20
Crop Production	F&FW	Method demonstration of vermicomposting	01	Off	0	25	25	0	12	12
Crop Production	F&FW	Green manuring in rice field	01	Off	7	18	25	0	4	4
Crop Production	F&FW	Paddy straw Mushroom production	01	Off	0	25	25	0	18	18

Crop Production	F&FW	Nursery managenet in rice	01	Off	1	24	25	1	9	10
Crop Production	F&FW	Seed treatment and seed inoculation in agricultural crops	01	Off	0	25	25	0	20	20
Crop Production	F&FW	Improved cultivation practices of Fingermille	01	On	2	28	30	0	17	17
Crop Production	F&FW	Integrated weed managenet in rice	01	Off	5	25	30	0	2	2
Crop Production	F&FW	Water managenet in medium land rice	01	Off	30	0	30	3	0	3
Crop Production	F&FW	Improved cultivation practices of maize	01	Off	19	11	30	0	0	0
Crop Production	F&FW	Integrated organic farming	01	Off	10	18	28	2	6	8
Crop Production	RY	Production and use of organic input	02	On	5	60	65	0	29	29
Crop Production	RY	Commercial Azollacultivaion	02	On	1	19	20	0	11	11
Crop Production	IS	Use of biodecomposers in crop prodution	01	On	10	0	10	3	0	3
Crop Production	IS	Use of new generation herbicides in field crops	01	On	14	11	25	3	5	8
Crop Production	IS	Organic Farming	01	On	13	17	30	9	16	25
	F&FW	Soil sample collection technique	1	Off	0	30	30	0	28	28
	F&FW	Improved cultivation practices of finger millet	1	Off	0	30	30	0	14	14
	F&FW	Seed production in rice	1	Off	0	30	30	0	11	11
	F&FW	Storage technique of rice	1	Off	1	29	30	0	13	13
	F&FW	Disease management in rice	1	Off	17	13	30	0	0	0
	F&FW	Nursery management of tomato	1	Off	6	24	30	1	8	9

	F&FW	Seed production of cowpea	1	Off	1	29	30	1	21	22
	F&FW	Improved cultivation practices of groundnut	1	Off	9	21	30	0	4	4
	F&FW	IPM in groundnut	1	Off	22	3	25	22	3	25
	F&FW	YMV Managemnt in green gram	1	Off	2	23	25	0	5	5
	F&FW	IDM for collar rot and tikka disease managemnet in groundnut	1	Off	9	16	25	9	16	25
	F&FW	PHMin Groundnut	1	Off	5	20	25	1	6	7
	F&FW	Disease and pest managemnt in rice	1	Off	10	15	25	10	15	25
	F&FW	Disease and pest managemnt in sweet corn	1	Off	5	20	25	5	20	25
	F&FW	Disease and pest managemnt in groundnut	1	Off	0	25	25	0	25	25
	F&FW	Method demonstration on seed treatment	1	Off	0	28	28	0	28	28
	F&FW	Method demonstration on seed treatment	1	Off	2	23	25	2	23	25
	RY	Rice Seed borne diseases and their management	2	On	0	20	20	0	17	17
	RY	QPM and seedling production	2	On	0	15	15	0	2	2
	RY	Quality planting materials & seedling production	2	On	14	6	20	5	0	5
	IS	Seed testing of	1	On	11	9	20	2	1	3

		field crops								
		IFS Development	1	On	10	0	10	0	0	0
Agriculture Extension	F&FW	ICT in Agriculture	01	Off	30	26	56	2	10	12
Agriculture Extension	F&FW	Group based input management practices for farmer groups	01	Off	19	11	30	0	0	0
Agriculture Extension	F&FW	Group management in FPO and Farmers club	01	Off	18	7	25	2	0	2
Agriculture Extension	F&FW	Management of FPO	01	Off	27	23	50	15	22	37
Agriculture Extension	F&FW	Mobilisation of social capital	01	Off	9	16	25	1	3	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	
Organic farming	IGA	Organic farming	5	0	10	10	Individual	2	3	2

*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			
1.	Scientific Bee Keeping	Apiculture	November-February	7 days	RY	4	100	National Bee Board
2	Awareness training programme for pump technicians and farmers	Farm machinery	February	1	PF	1	75	Department of Energy, Govt. of Odisha
2.	Vermicomposting	Income generation activities	March & July	5 days	RY	2	40	OMBADC, Govt. of Odisha
3.	Mushroom Cultivation	Income generation activities	May, August, November, December	5 days	RY & EF	4	80	OMBADC, Govt. of Odisha
4	Nursery Raising of vegetables	Nursery raising	June	5 days	RY	1	20	OMBADC, Govt. of Odisha
5.	Organic Farminmg	Organic Farminmg	December	4 Days	EF	1	20	OMBADC, Govt. of Odisha
6	Scientific Bee Keeping	Apiculture	September, November	4/5 days	PF/RY/EF	2	40	OMBADC, Govt. of Odisha

7.	Mushroom spawn production	Income generation activities	October	5 days	PF/RY	1	20	OMBADC, Govt. of Odisha

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													
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)	M	F	Total	M	F	Total
Field Day	4	68	52	120	25	4	3	7	72	55	127
Kisan Mela	2	108	72	180	15	8	5	13	116	77	193
Kisan Ghosthi	0	0	0	0	0	0	0	0	0	0	0
Exhibition	2	132	80	212	12	11	8	19	144	88	232
Film Show	7	110	75	185	10	10	5	15	120	80	200
Method Demonstrations	22	278	125	403	3	47	12	59	325	137	562
Farmers Seminar	1	44	57	101	9	3	6	9	47	63	110
Workshop	6	143	71	214	17	24	12	36	167	83	250
Group meetings	18	252	83	335	14	34	13	47	286	96	382
Lectures delivered as resource persons	26	353	104	457	11	37	16	53	390	120	510
Advisory Services	26	20524	6072	26596	12	214	110	324	20738	6182	26920
Scientific visit to farmers field	46	438	183	621	13	24	9	33	462	192	654
Farmers visit to KVK	54	147	132	279	10	18	12	30	165	144	309
Diagnostic visits	17	132	93	225	8	18	7	25	150	100	250
Exposure visits	13	157	118	275	10	7	4	11	164	122	286
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0

Soil health Camp	1	32	14	46	7	7	4	11	39	18	57
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	4	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify) International Womens Day, Vanomahostav, University Foundation Day, World Food Day, Mahila Kisan Diwas , World Soil Day, Agriculture Extension day, Kissan Diwas	8	128	107	235	18	24	43	67	152	150	302
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	12	192	43	235	12	4	3	7	196	46	242
Mahila Kisan Divas	1	0	25	25	7	2	1	3	2	26	28
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	7
Radio talks	-
TV talks	-
Popular articles	-
Extension Literature	12
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
Dhaincha	Local	1.4	5600	1	1	0	2	3	2	5	5
Grand Total											

Good quality photographs of seed production:

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Cauliflower											
Cabbage											
Tomato	Arka samrat	13500	33750	4	1	3	2	3	4	10	7
Brinjal	Blue Star	2000	3000	4	2	4	3	6	1	14	6
Chilli	Red chil	500	1000	2	0	2	1	1	0	5	1
Onion	Dark Red	20000	8000	2	1	1	0	4	2	7	3
Others											
Fruits											
Mango	Amrapali, Nillan, Mallikaetc	8.27q	27291	10	10	11	2	52	33	73	43
Guava	VNR-Bihi,	2.8q	5600	5	5	5	5	5	4	15	14
Lime											
Papaya											
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											

Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total			72041	27	19	26	13	71	44	124	74

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 (Vermicpompost)	900	13500	1	1	2	0	3	2	6	3
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, please specify.	2	1000	1	0	0	0	1	0	2	0
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	Kadaknath, Kaveri,	800	85600	5	3	2	3	6	1	13	07
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks	Khaki Campbel	500	53500	3	2	2	-	3	-	8	2
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											

Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
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	Effect of bypass fat feeding intake & co-relation with milk production & body conditions of cross breed lactating cows in coastal district of odisha	Samir Ranjan Dash, P K padhy	-	Journal- Multilogic in Science (ISSN 2277-7601) Volume – XIII, Issue – XXXXVI April - 2023 Page ; 632-636
	Impact of Self help Group (SHG) interventions on empowerment of rural women in Odisha: A study	Madhumita Jena, S R Dash and LakhanlalMeena	-	The Pharma Innovation Journal : 2023 12 (**5**) : 1043 – 1050 ISSN : 2277-7695
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Sabujima	Dr. S.R Dash Dr. Anuj Ku. Ray Ms. Susmita Panda	500	500
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	• Oyster mushroom production • Scientific method of Mustard Cultivation • Azolla Cultivation	Dr. S.R Dash Dr. Anuj Ku. Ray Ms. Susmita Panda	1500	1500
Technical reports	Annual Report and Action Plan, District contingent plan	Dr. S.R Dash Dr. Anuj Ku. Ray Ms. Susmita Panda		
Electronic Publication (CD/DVD etc.)				
TOTAL			2000	2000

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.	Name of	Name of course	Name of KVK personnel	Date and Duration	Organized by

No.	programme		and designation		
1.	International Extension Conference	Participation in International conference on "Innovative application in Agriculture extension for sustainable food and environment security"	Dr. S. R Dash, SS&H	27-30 Jan 2023	BHU, Varanasi, UP
2.	Workshop	Reinventing system for agricultural transformation	Dr. S. R Dash, SS&H	25th Aug	OUAT, Bhubaneswar
3	Workshop (Virtual mode)	Social media management	Dr. S. R Dash, SS&H	4th Sept 2023	ICAR-ATARI, Kolkata
4	Seminar (Virtual mode)	Paradigm Shift in Extension to Appropriately Support Sustainable Agricultural Development	Dr. S. R Dash, SS&H	29th Sept 2023	ICAR-ATARI, Kolkata
5	Seminar	Health Benefits of Millets	Dr. S. R Dash, SS&H	11th Dec 2023	Odisha Millet Mission & Mission Shakti
6.	Refresher Training cum Exposure Visit	IFS for sustainable agriculture and livelihood security	Ms. Susmita Panda , SMS (Agro)	27-28 March 2023	OUAT, Bhubaneswar
7.	Refresher Training programme	Recent Advances in Mushroom Production Technology	Ms. Susmita Panda , SMS (Agro)	10-11 July 2023	CTMRT, OUAT, Bhubaneswar
8.	Workshop	Workshop on Nano Urea	Ms. Susmita Panda , SMS (Agro)	22nd June 2023	OUAT, Bhubaneswar
9.	Training (Virtual mode)	Orientation Training to Master Trainers for Safe and Judicious Use of Glyphosate by PCOs	Ms. Susmita Panda , SMS (Agro)	23rd June 2023	NIPHM, Hyderabad
10.	Refresher Training	Advance Techniques in Apiculture	Dr. Anuj Kumar Rai, Scientist (Seed Sc.)	26-27th July, 2023	OUAT, Bhubaneswar

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	Sri Mitrabhanu Patel
Address	At- Gudigaon, G.P- Keldamal, Block- Kolabira, Dist.- Jharsuguda
Contact details (Phone, mobile, email Id)	9556899125
Landholding (in ha.)	16 Acres
Name and description of the farm/ enterprise	Integrated Farming System In 5 acres of land he has developed IFS having components of Agriculture (Paddy, Sesame, Greengram and Maize), Horticulture (Mango, Ginger,Tomato, Brinjal,Chilli), Livestock (Dairy, Goatery) and Fishery (Bio-floc) and rest land are used for paddy production.

Economic impact	Gross annual income is Rs.7,18,000/- and net income is Rs.4,20,000/-	
Social impact		
Environmental impact		
Horizontal/ Vertical spread	7 villages	
Good quality photographs (2-3)		
		

Details of Enterprise/Farming components: He has 16.0 acres of land, in which he developed Integrated farming system in 5 acres having components of Agriculture (Paddy, Sesame, Greengram and Maize), Horticulture (Mango, Ginger,Tomato, Brinjal,Chilli), Livestock (Dairy, Goatery) and Fishery (Bio-floc) and rest land are used for paddy production.

Economic/Production Advantage: From all the component under IFS, his annual income is Rs.7,18,000/- and net income is Rs.4,20,000/-. His income has been enhanced due to adoption of improved technologies demonstrated by KVK and capacity building programmes imparted by KVK scientists. Establishment of different components of the IFS is being made successfully by the help of line departments and technical guidance of KVK scientists.

Employment generation: On developing IFS model he is engaging 2 manpower daily for management of the different enterprises and during crop production he has been engaging a total of 270-280 man-days per annum.

Importance for other Farmers: Farmers of his village & nearby village can enhance their knowledge &skill by visiting his field and spread the technologies to different farmers of 5-6 villages.

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

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
–	–	–	–

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Cattle	Herbal treatment using turmeric Bahada and Camphor paste	Treatment of FMD
2	Poultry	Use of Neem and Turmeric paste	Treatment of fowl pox

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)
	Vegetable & Fruits	46	6500 q	140	Y

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
➢ PRA method	Identification of problems, problem analysis, Database formation and primary data collection.	➢ PRA method
➢ Farmers interaction and group discussion	Verification of the problem and prioritization of the problem	➢ Farmers interaction and group discussion
➢ Training need assessment	Technological gap analysis, need based problem identification	➢ Training need assessment

3.11. a. Details of equipment available inSoiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Automatic Nitrogen Analyzer with digestion unit	1
2	MridaParikshak soil testing kit	2
3	Precision Analytical Balance	1

4	pH, EC, TDS meter	1
5	Digital soil moisture meter	1
6	Digital balance	1
7	Flame Photometer	1
8	Spectro Photometer	1
9	Double distillation unit	1
10	DAPS power supply	1
11	Rotary Shaker	1
12	GPS set	1

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			
-	60	60	182	5	-

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	Farmers – Scientist Interaction	95	1	ADM, Jharsguda	80	720

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
2 Awareness and Training Programme	1	_	50	3

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? (N)

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

-	-

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

Date	Name of the person	Purpose of visit
17.01.2023	Dr. AvijitHalder, Principal Scientist , ICAR-ATARI, Kolkata, Zone V	Visited KVK Jharsuguda
18.10.2023	Prof. P.K. Roul, Hon'ble VC, OUAT, BBSR	Visited KVK Jharsuguda

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)
Improved method of Groundnut cultivation with HYV.	45	70	40000	50200
Drought tolerant paddy variety Sahabhagidhan	60	62	17500	24000
Improved method of Greengram cultivation with HYV.	50	64	24000	32000
Weed management in paddy	30	80	19000	23000
Sweetcorn cultivation variety –Sugar 75	70	65	25000	85000
Backyard Poultry rearing	80	45	380/bird	650/bird
Mushroom production techniques	90	55	150/bed	220/bed
Stress tolerant Poultry rearing – Kadaknath	70	65	280/bird	450/bird
Cultivation of BM-2 Marigold	60	62	170000	240000

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
Drought tolerant paddy variety Sahabhagidhan	520 ha
Herbicide application in Rice	1250 ha
BPH management in Rice	218 ha
Millet Cultivation variety-Arjun	60 ha
Sweetcorn cultivation	82 ha
Cultivation of marigold variety BM-2	8 ha
Backyard Poultry rearing –Kadaknath	25 villages
Nutrient management in Groundnut	108 ha
YMV resistant greengram cultivation	250 ha
Mushroom Cultivation	17 village

Give information in the same format as given below

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
1	Herbicide application in Rice	Adoption percentage- 80%, Horizontal spread-1200 ha	Yield -46 q/ha
2	BPH tolerant Rice Var. Hasanta	Adoption percentage- 60%, Horizontal spread-200 ha	Yield -52 q/ha

4.4. Details of innovations recorded by the KVK

Thematic area	Agriculture Engineering
Name of the Innovation	Power tiller operated Paddy Thresher
Details of Innovator	Name of farmer: SushantaNaik Address: Ghantamal, PO-Jhirlapalli, Block- Kolabira, Dist- Jharsuguda, Contact No.:9777468457 Age-62 Years, Education-Matriculate, Land Holding-5.0 acre.
Back ground of innovation	Threshing of paddy is expensive by using paddy combine harvester and dependent on availability of harvester in time.
Technology details	Power tiller operated Paddy Thresher is made up of wood, which is on an average weight of 3.0 qntl. and drawn by power tiller for threshing of paddy.
Practical utility of innovation	It can be made with local available materials , simple and easy to operate.

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
Regional Research & Technology Transfer Station, Chiplima, Sambalpur	Agro Inputs and Technical assistance
Central Horticultural Experiment station, Bhubaneswar	Resource person, Technology and technical assistance, Agro Input supply
Central Tuber Crop Research Institute, Bhubaneswar	Programme implementation ,convergence mode action , resource person, technical assistance, funding agency, input supply
National Rice Research Institute, Cuttack	Programme implementation, Resource person, technical assistance, funding agency, input supply
Department of Agriculture, Jharsuguda	Programme implementation , convergence mode action ,Resource person, technical assistance, funding agency, input supply
Department of Horticulture, Jharsuguda	Programme implementation , convergence mode action ,Resource person, technical assistance and assistance in infrastructure development
Department of Fishery, Jharsuguda	Programme implementation , convergence mode action , Resource person, technical assistance, Agro input supply
Watershed Development, Jharsuguda	Agro Input supply, seed certification, procurement of seed.
Animal Resource department, Jharsuguda	Supply of farm implements, Agro inputs.
Odisha State seed corporation, Bargarh	Farmers club formation, Resource person,
Odisha Agro Industries corporation, Jharsuguda	Suggestion in formation of technical programmes, Crop insurance.
NABARD, Sundergarh	Agro Input supply, convergence mode action
Lead bank, SBI, Jharsuguda	Resource person, Technical assistance for capacity building
SEWA, Kolabira, (NGOs)	Programme implementation, convergence mode action, Resource person, Technical guidance
AJKA,Lakhanpur, Jharsuguda	Resource person and technical guidance

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.)
CBSAE/OMBADC, Govt. of Odisha	➢ Skill Development ➢ Establishment of Agri-Enterprise at KVK	December 2022	CBSAE/OMBADC, Govt. of Odisha	83.0 lakh

(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.)

CBSAE/OMBADC, Govt. of Odisha	Capacity Building	December 2022	CBSAE/OMBADC, Govt. of Odisha	

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	2013	120	HYV & Local	Seedling & saplings	30000	6000	80000	Distributed to farmers
	Total						6000	80000	

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	

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	1000	8000	15000	Distributed to farmers

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Poultry	Kadaknath	Chicks	500	45500	60000	Distributed to farmers
2.							
3.							

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)

March, 2023	20	5	
May, 2023	20	5	
June, 2023	20	5	
July, 2023	20	5	
August, 2023	20	5	
September, 2023	20	4	
October, 2023	20	5	
November, 2023	20	5	
November, 2023	20	4	
November,2023	25	7	
December, 2023	20	5	
December, 2023	25	7	
December, 2023	20	4	
Total :	270	66	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staffquarters:06
Date of completion: 2012
Occupancy details:

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

* Needs major repairing

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contingency	State Bank of India	Main Road, Jharsuguda	11346748214
Revolving Fund	State Bank of India	Main Road, Jharsuguda	30938306848

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

Item	Released by ICAR		Expenditure		Unspent balance as on -1st April 2023
	Kharif	Rabi	Kharif	Rabi	
Groundnut		120000		120000	Nil

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2023
	Kharif	Rabi	Kharif	Rabi	
Greengram		88800		88800	Nil

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	8900000	7071000	7071000
2	Traveling allowances	112500	112500	112500
3	Contingencies			
A	General	803800	803800	803800
B	SCSP	1399000	1399000	1399000
C	HRD	30000	30000	0
D	Swachhta Expenditure	34000	34000	34000
TOTAL (A)		**11279300**	**9450300**	**9420300**
B. Non-Recurring Contingencies				
1	Library	10000	10000	10000
TOTAL (B)		10000	10000	10000
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		**11289300**	**9460300**	**9430300**

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	100000	92961	124944	100000
2020-21	100000	305408	81324	73075
2021-22	73075	601659	574334	100000
2022-23	100000	248542	198542	150000
2023-24	100000	-	-	-

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	Season	With line department	With ATM	With both

	activity			A	
World Soil day	1	Rabi 23-24 (05.12.2023)	Agriculture department, Jharsuguda	--	Yes
Exposure Visit	2	Rabi 2022-23	Agriculture department, Jharsuguda	--	Yes
Diagnostic Field Visit for BPH and Stem borer incidence	7	Kharif 2023	Agriculture department, Jharsuguda	--	--
Millet Conclave	1	Rabi 2023	Agriculture department, Jharsuguda, Odisha Millet Mission	--	--
Field Days	4	Kharif & Rabi	Agriculture and Horticulture Dept., Jharsuiguda		
Celebration Of World Fishery Day	1	Rabi	Fishery Dept., Jharsuguda		

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)
BPH	Paddy	October and November	120	20	90
Rhizome Rot	Ginger	October-December	20	30	15
Wilt in Solanaceous crop	Potato, Tomato and Brinjal	November and December	40	28	16

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	Period	No. of the participant	Amount of Fund

programme					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	4	25000
Livestock	2	
Fishery		
Weather	2	
Marketing		
Awareness		
Training information		
Other	2	
Total	10	25000

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*1200*
2.	No. of farmers registered in the portal	-
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
In 1st week of every month	Cleaning of office, campus and farm
Observation of Swachhata Pakhwada	Awareness campaign , meeting and cleaning

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	31	
2. Basic maintenance	10	3800
3. Sanitation and SBM	8	5700

4. Cleaning and beautification of surrounding areas	16	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	22	24500
6. Used water for agriculture/ horticulture application	-	
7. Swachhta Awareness at local level	12	
8. Swachhta Workshops	--	
9. Swachhta Pledge	--	
10. Display and Banner	6	
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)	4	
14. No of Staff members involved in the activities	9	
15. No of VIP/VVIPs involved in the activities	--	
16. Any other specific activity (in details)	--	
Total	**119**	**34000**

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	No. of Union Ministers	No. of Hon'ble MPs	No. of State Govt.	Participants (No.)	Coverage by	Coverage by

pro gra m me	attended the programme	(Loksabha/ Rajyasabha) participated	Ministe rs	MLAs Attende d the progra mme	Chairm an ZilaPan chayat	Distt. Collect or/ DM	Bank Offici als	Farmers	Govt. Official s, PRI member s etc.	Total	Door Dars han (Yes/ No)	other chan nels (Nu mber)

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ SwachhtaPakhwadaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Particip ants	No. of VIPs	Name (s) of VIP(s)
1	Awareness programme	4	100	--	--

Please provide good quality photographs:

9.11. Details of MahilaKisan Divas programmeorganized

Sl. No.	Activity	No. of villages Involved	No. of Particip ants	No. of VIPs	Name (s) of VIP(s)
1	Training programme organized	1	25	--	--

Please provide good quality photographs:

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1.	Naresh Neti	At-H. Kantapali, Block-Jharsuguda Mob no.9439420491	IFS model
2.	Sri Ashok Naik	At-Durlaga, Jharsuguda Mob no.9938564313	IFS model
3.	Sri SusantaNaik	At-Ghantamal,Block-Kolabira Jharsuguda Mob no.9777468457	Integrated Farming
4.	Sri DuryadhanSahu	At- Kureimal, Block-Lakhanpur Mob no.8260596362	Banana cultivation
5	Sri Narsingha Patel	At-Ghantamal, Block-Kolabira Jharsuguda, Mob no.9777468457	Sweet corn and Sunflower cultivation
7.	Smt. Nalini Patel	Village- keldamal,Block-kolabira Dist- Jharsuguda768202 Mob no. 668172971	Banana Cultivation
8	Smt. Sarojini Bhainsal	Village- Saletikra,Block-Jharsuguda Dist- Jharsuguda-768202 Mob no. 8658678466	Pond based IFS model
9.	Ms. SunitaNaik	Village- Talpatia,Block-Jharsuguda Dist- Jharsuguda-768202 Mob no. -9438047109	Mushroom and Mushroom spawn production
10	Sri SarojSahu	Village- Tharkaspur,Block-Jharsuguda Dist- Jharsuguda-768202	Vegetable production

		Mob no. -7683967227	
11	Sri Mitrabhanu Patel	Village- Gudigaon,Block-Jharsuguda Dist- Jharsuguda-768202 Mob no. - 9556899125	IFS model

9.13. Revenue generation

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

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
2011	CRIDA, Hyderabad	Not 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
Odisha	Jharsuguda	Disease and pest management, drought management	8	110	Diagnostic visit, field visit to the disease and pest affected area of crop . Advisory crop management, Rhizome rot management in Ginger

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 ofDAPST/ 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.	44	44	1260	1260
	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.	5	5	35	35
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.	20	20	220	220
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	0.8	0.8	32	32
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.	50000	45000	40	40
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	1000	1000	20	20
	5.7	Honey Bee Colonies	No.	5	5	5	5
	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.	1400	1400	30	30
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.	250	250	50	50
	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	0.65	0.65	20	20
	5.19	Micro nutrients	tonnes	0.07	0.07	20	20
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendments (Gypsum, lime	tonnes				

		etc.)					
	5.22	Plant protection chemicals	kg	6	6	40	40
	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.	100	100	480	472
	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.	2000	2000	5000	5000
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):14.0

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

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

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
1	Mango Progeny Nursery	0.6	Graft	12000	--	--	--
2	Mango Orchard	1.0	Mango (8q)	35000	16000	16	--
3	Mixed fruit orchard	0.2	Guava (1 q)	18000	2000	06	--
4	Poultry unit	-	Chicks	50602	93050	7	--
5	Vermicompost unit	6 Unit	Vermicompost and vermin	8290	15000	15	--

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	Cultivation of Cow pea, var-KasiKanchan	Cultivation of Cow pea, var-KasiKanchan	72000	32	
2	FLD on Paddy variety Pratikshya	INM in paddy	42000	125	
3	Demonstration on potato var. K. Jyoti	INM in Potato-	68000	70	
4	Rearing of Vanaraja poultry	Vaccination of Vanaraja Bird rearing 50 Chicks /6 month	420/bird	74	
5	Cultivation of of Greengram var. IPM-02-14	INM in Greengram IPM-02-14	22000	108	
6	FLD on Paddy variety Sahabhagidhan	Weed management in paddy by application of Pretilachlor 1250 ml/ha within 48 hr of transplanting orPost emergence application ofBispyribac sodium @ 250ml /ha.	24000	112	
7	FLD on Paddy variety Pratikshya	Weed Management In Paddy, Pre emergence application of Pretilachlor@1250ml/ha or Post emergence Bispyribac sodium @ 250ml /ha	40000	580	

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)	--	--	January 2018	All line department officials of Jharsuguda with chairmanship of	➢ Farmer interaction ➢ Group discussion ➢ Meeting
II (up-to 24.04.218)	356	7820			

Total	356	7820		DDA, Jharsuguda	

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 (NA)

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	
IGA	Commercial Mushroom cultivation (3 nos.)	98	6	10	5	12	13	14	24	36	60	2,30,000
IGA	Mushroom spawn production	35	1	2	2	4	3	8	6	14	20	75,000
IGA	Vermicomposting (2 nos.)	70	3	6	2	4	8	17	13	27	40	1,50,000
IGA	Scientific Bee Keeping(2 nos.)	63	4	5	5	3	12	11	21	19	40	1,55,000
IGA	Nursery raising of vegetables	35	2	1	2	2	7	6	11	9	20	75,000

22. Information on NARI Project(if applicable)

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

						project
-	-	-	-	-	-	-

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

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

24. Good quality action photographs of overall achievements of KVK during the year

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