ANNUAL PROGRESS REPORT

January 2023 to December 2023

KVK, GAJAPATI, ODISHA

PROFORMA FOR ANNUAL REPORT 2023 (January-December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Gajapati At/Po -R.Udayagiri, Pin-761016, Dist-Gajapati, Odisha	06817291283		kvk.gajapati@ouat.ac.in kvkgajapati.ouat@gmail.com gajapatikvk@yahoo.co.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 and Technology Bhubaneswar, Odisha	0674-2397970		registrar@ouat.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sangram Paramaguru	9937888736	9437492769	kvk.gajapati@ouat.ac.in kvkgajapati.ouat@gmail.com gajapatikvk@yahoo.co.in

1.4. Year of sanction of KVK:2005

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr Sangram Paramaguru	Senior Scientist & Head	Agril. Extension	79800-182400 Basic-24170	17.05.2018	Permanent	Others
2	Subject Matter Specialist	Dr. Sanjib Kumar Mandi	Subject Matter Specialist	Agronomy	56100-177500 Basic-63100	20.08.2018	Permanent	ST
3	Subject Matter Specialist	Dr.Sushree Choudhury	Scientist(Horticulture)	Horticulture	57700-182400 Basic-92500	05.07.2023	Permanent	Others
4	Subject Matter Specialist	-	-	-	-	-	-	-
5	Subject Matter Specialist	-	-	-	-	-	-	-
6	Subject Matter Specialist	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-
8	Programme Assistant	-	-	-	-	-	-	-
9	Computer Programmer	Mr Manoj Kumar Sahu	Programme Assistant	Computer	35400-112400 Basic- 60400	27.01.2006	Permanent	Others
10	Farm Manager	Vacant	-	-	-	-	-	-
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12	Stenographer	Sri Pradeep Kumar Nayak	Jr. Steno-cum-Computer Operator	-	25,500- 81100 Basic-42200	07.07.2023	Permanent	Others
13.	Driver	Mr. Sampada Kumar Sethi	Driver cum Mechanic	-	19900-63200 Basic-30200	01.08.2007	Permanent	SC
14.	Driver	Mr. Simanchal Sahu	Driver cum Mechanic	-	19900-63200 Basic-30200	05.07.2023	Permanent	Others
15.	Supporting staff	Mr. Rama Chandra Behera	Peon cum watchman	-	16600-52400 Basic-24300	31.07.2008	Permanent	SC
16.	Supporting staff	Mr. Prakash Chandra Sethy	Peon cum watchman	-	4750-14680 GP-1700 Basic-6490	01.12.2015	Permanent	SC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1
2.	Under Demonstration Units	0.2
3.	Under Crops	1.8
4.	Orchard/Agro-forestry	11.75
5.	Others with details	9.86
	Total	24.61

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	-	-	-	-	Totally completed	330	Under use	ICAR
2.	Farmers Hostel	-	-	-	-	Totally completed	250	Under Use	ICAR
3.	Staff Quarters (6)	Not yet started	-	-	-	-	-	-	-
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-	-
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-	-
9.	Dairy unit	-	-	-	-	-	-	-	-
10.	Poultry unit	-	-	-	-	Totally completed	24	Under Use	RKVY
11.	Goatary unit	-	-	-	-				
12.	Mushroom Lab	-	-	-	-	Totally completed		Yet to start	State Govt.
13.	Mushroom production unit	-	-	-	-	-	-	-	-
14.	Shade house	-	-	-	-	-	-	-	-
15.	Soil test Lab	-	-	-	-	Totally completed	-	Under use	ICAR

16	Poly House	-	-	-	-	Totally completed	100	Under use	RKVY
17	Training hall	-	-	-	-	Totally completed	120	Under use	State Govt.
18	Vermicompost unit	-	-	-	-	Totally completed	22	Under use	RKVY

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Mahindra Bolero	2017	800000	99978	Good Condition
Tractor	2023	750000	46 hrs	Good Condition
Motor Cycle	2010	49000	55425	Good Condition

C) Equipment & AV aids

a. Lab equipment				
Equipment's of soil lab	2016	3200000	Working	ICAR
Mushroom Spawn Unit	2010	2500000	Not working	RKVY
b. Farm machinery				
Pumpset	2016	10530	Working	ICAR
Self pumping pump	2016	3755	Working	ICAR
Bottom MB Plough	2017	17868	Working	ICAR
5 tyne Cultivator	2017	21635	Working	ICAR
Straight Tyne	2017	4354	Working	ICAR
Power Sprayer	2017	9685	Working	ICAR
c. AV Aids				
Amplifier, Mixer, Microphone, Speaker	2017	39802	Working	ICAR
Projector	2017	33937	Working	ICAR
Projector screen	2017	3580	Working	ICAR
Semi SLR camera	2017	20043	Working	ICAR
Display Board	2017	5028	Working	ICAR
White Board	2017	1885	Working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Mini Tractor	2017	428425	Working	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	29.12.2023	24	Popularization of high protein rice varieties	Assessment of high protein rice varieties like CR Dhan 310 and CR Dhan 311 was carried out for scope of nutritional security through bio-fortified seeds. No. of Farmers Benefited- 10 Village-2(Sureikhamar, Dhimirijholi) Awareness prog.- 60 farmers	
			Demonstration of improved millet varieties	Demonstration of improved ragi variety Arjuna was conducted for higher productivity and profitability of farmers No. of Farmers Benefited- 20 Village-3 Dhimirijholi, Mahulapadar, Sureikhamar) Training prog. – 25 farmers	
			Popularization of millet based intercropping system	Training and capacity building programme on Ragi + Pigeonpea (8:2) intercropping system has been taken up. No. of Farmers - 50 Village- 5 (Tikamala, Kanipadar, Abarsing, Phatachanchada, Sanatundi)	
			Training and awareness programme on popularization of Nano Urea	Popularization of Nano Urea has been taken up through CFLD on Pulses (Pigeonpea) programme to improve crop productivity No. of Farmers -75 Village- 3 (Madhuramba, Kendupada, Aonlaguda)	
			Awareness on Shifting cultivation with line department	wareness programme on shifting cultivation was conducted in convergence with Forest Dept. No. of Farmers -75 Village- 14 (Tikamal, Betarsing, Kanipadar, Anjersing, Dihudisahi, Podasing, Parimal, Antarali B, Rajaamba, Attarsing,….)	
			Awareness and training programme on organic fertilizer may be undertaken	Training and awareness programme on Organic fertilizer have been under taken. No. of Farmers - 75	

				Village- 12 (Dihudisahi, Kirting, Panigonda, Mangarajpur, Randiba, Kalameri, Lubru, Dhimirijholi, Padiagaon, Tai, Kapuripata, Kankarada)	
			Capacity development training programme on Mushroom spawn may be undertaken	Training programme on mushroom spawn production was conducted No. of Farmers - 25 Village- 2 (Bidyadharpur, Phatachanchada)	
			Weed Management strategies may be undertaken for pulse crop	Assessment of weed management in Pigeonpea was conducted during kharif, 2023. Training programme was also carried out to wide spreading of technology No. of Farmers - 35 Village- 7 (Madhuramba, Kendupada, Palleri, Mohana, Rayagada, R.Udayagiri, Mahulapadar	
			Integrated farming system may be popularized in convergence with line department	Training and awareness programme on IFS was conducted with Agriculture Dept. No. of farmers-25 No. of village- 3 (Rupasing, Jhadia, Mahulapadar)	
			Capacity development training on bee keeping	Training programme on Scientific Bee Keeping (7days) was conducted No. of Farmers - 75 Village- 11 (Rumunda, Nuagada, Chhenapada, Badakhani, Mahulapada, Dhimirijholi, R.Udayagiri, Lohakhunti, Attarsing, Anugur, Talada)	
			Demonstration of mulches and micro-irrigation systems may be introduced in vegetable crops	Demonstration of mulches and micro-irrigation is maintain in KVK Demo units for Dissemination of technology among the farmers. Area-0.01 ha No. of Farmers Visited-425	
			Demonstration on small farm implements	Demonstration on knapsack sprayer, improved sickle, Cycle weeder, Rose cane, Hand Sprayer, secateur, Hand cultivator were conducted under STC programme. No. of Farmers Benefited->800 farmers Village- 46 (Dhimirijholi, Palleri, Gobindpur, Podasing, Antarali B, Bileikuan, Kulapathar, Budhisila, Kanchimal, Rumunda, Nuagaon, Kadamasing, Attarsing, Antili,…	
			Training and awareness programme on Natural Farming	Awareness programme on Natural Farming has been under taken through Viksit Bharat Sankalp Yatra No. of Farmers - 8417 Village- 65	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

SAC Members Present:

Sl. No.	Name & Designation
1	Dr, Prasanjit Mishra Dean, Directorate of Extension Education, O.U.A.T, Bhubaneswar
2	Dr. P.K.Mohanty Deputy Director,UEBP, Directorate of Extension Education, O.U.A.T, Bhubaneswar
3	Dr. Abhijit Haldar Principal Scientist, ICAR-ATARI, Kolkata
4	Mr. Balaram Subudhi CDAO, Gajapati, Paralakhemundi
5	Dr. Susanta Ranjan Dash DDH, Gajapati, Paralakhemundi
6	Dr. Ramakanta Rana CDVO, Gajapati, Paralakhemundi
7	Mr. Suresh Kumar Pattnayak PD, Watershed, Gajapati, Paralakhemundi
8	Mrs. Lisha Behera District Fishery Officer, Gajapati
9	Mr Arbinda Jena DPM Fishery Gajapati
10	Mr. Pratik Panda DDM, NABARD, Gajapati, Paralakhemundi
11	Mr. A.Ramprasad Patro ADO, R.Udayagiri, Gajapati
12	Mr. Iriyanash Pradhan ADO, Parlakhemundi
13	Mr. Arun Kumar Sahu Asst Conservator of Forest, Parlakhemundi
14	Mr. Rajib Tudu Scientist (PP) KVK Ragayada,
15	Dr. Sujit Kumar Nath Senior Scientist and Head, KVK Ganjam-II

16	Mr Sworaj Rout YP- Resilience Project
17	Mrs. Roji Dalai Progressive Farm Woman, R.Udayagiri
18	Mrs. Rasmita Dalai Progressive Farm Woman, R.Udayagiri
19	Mr. Aruna Chandra Pradhan Progressive Farmer, R.Udayagiri
20	Mr. Babula Gouda Progressive Farmer, R.Udayagiri
21	Dr. Sanjib Kumar Mandi Subject Matter Specialist (Agronomy)
22	Mr. Jayashankar Pradhan Subject Matter Specialist (Agrometeorology)
23	Dr Sushree Choudhury Scientist(Horticulture)
24	Dr. Sangram Paramaguru Senior Scientist and Head, KVK, Gajapati

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-fallow, Rice-Paira Greengram/Blackgram, Maize –fallow, Ragi-Fallow
2	Agro-climatic Zone	North Eastern Ghat Zone
3	Agro ecological situation	AES-I - Red loam soil, Low rainfall, moderate elevation (300-500 m) Moderate irrigation AES-II-Black forest & red loam soil, Moderate rainfall, high irrigation AES-III-Laterite soil, moderate rainfall, high irrigation
4	Soil type	Red Loamy soils, Laterite Soils, Black soils
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice-39.81 q/ha, Maize-35 q/ha, Ragi-15 q/ha Greengram-15 q/ha, Blackgram-16 q/ha, Arhar-25 q/ha Groundnut -40 q/ha, Sesame-8q/ha Brinjal-152 q/ha, Cauliflower-145.6 q/ha, Chilli-8.1
6	Mean yearly temperature, rainfall, humidity of the	Max Temp -39^0 C Minimum Temp-10^0 C

	district	Rainfall-1423 mm, Relative Humidity-78-85%
7	Production of major livestock products like milk, egg, meat etc.	Milk-20.70 MT, Egg-154 Lakhs, Meat-1923 MT

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	-	R.Udayagiri	Tai, Dihudisahi, Mangarajpur	Rice, Maize, Ragi, Mango	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Maize-Imbalanced use of fertilizer Mango-Stone weevil	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management,
2		R.Udayagiri	Alama, Phuka	Rice, Maize, vegetables, mango , marigold, poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Maize-Imbalanced use of fertilizer Mango-Stone weevil Vegetable-Imbalance fertilizer application, Disease and pest incidence, Mite infestation in marigold and not following GAP(pinching), RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management**,** Crop diversification to high value vegetables, Scientific production technology for commercial flower, vaccination & Feed management
3		R.Udayagiri	Sabarpalli, Anukampa, PhatachenchedaKankadaguda	Rice, Ragi Vegetable, Cashew nut , Mango, Poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Vegetable-Imbalance fertilizer application, Disease and pest incidence, Mango-Stone weevil, Fruit drop and fruit fly,Tea mosquito bug in cashew, RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard management vaccination & Feed management
4		Mohana	Merapalli, Madhuramba Kaithpada	Rice, Maize, Ragi, Blackgram, Greegram vegetables	Acidic Soil, Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables,

5		Mohana	Betarsing	Rice, Maize, Ragi, Arhar, Vegetables	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Pod borer in Arhar Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables
6		Mohana	Madhuramba, Akili, Jubagaon, Kharidhepa, Manikpur, Govindpur	Rice, Maize, Ragi, Pigeonpea, Blackgram, Greegram vegetables, mango, Poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence Mango-Stone weevil, Fruit drop and fruit fly, RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard Management, vaccination & Feed management
7		Nuagada	Kendupada, Analaguda, Titising	Rice, Ragi, Pigeonpea, Vegetables, mango, Sunflower	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Vegetable-Imbalance fertilizer application, Disease and pest incidence Mango-Stone weevil, Fruit drop and fruit fly, Head borer infestation & Imbalance fertilizer application	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard Management
8		Rayagada	Landusahi, Koinpur	Rice, Maize, Vegetables, Mango, Cashew nut, Poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Vegetable-Imbalance fertilizer application, Disease and pest incidence Mango-Stone weevil, Fruit drop and fruit fly, Tea mosquito bug in cashew RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard Management, vaccination & Feed management
9		Gumma	Padampur, Kujasing, Adamguda, S.Kurlunda	Rice, Greengram, Blackgram, Groundnut, Sesame,poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Pod borer and powdery mildew in greengram & blackgram, RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, vaccination and Feed management

10		Gumma	Ragidi,Tarabha	Rice, Greengram, Blackgram, Groundnut, Sesame, poultry , Vegetable	Acidic Soil ,Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence RD disease low body weight in poultry,	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, vaccination and Feed management, Vegetable- Crop diversification to high value vegetables
11		Gosani	Uppalada, Vanna, Budura	Rice, Greengram, Blackgram, Groundnut, Sesame, Vegetable	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Vegetable- Crop diversification to high value vegetables

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**
Dihudisahi	R.Udayagiri	OFT, FLD, Training
Bidydharpur	R.Udayagiri	OFT, FLD, Training
Sundruba	R.Udayagiri	OFT
Sabarpalli	R.Udayagiri	OFT, FLD, Training
Anukampa	R.Udayagiri	FLD, Training
Phatachanchada	R.Udayagiri	FLD, Training
Kankadaguda	R.Udayagiri	OFT, FLD, Training
Madhuramba	Mohana	CFLD, Training
P.Govindpur	Mohana	OFT, FLD, Training
Kaithapada	Mohana	OFT, FLD, Training
Kesara	Mohana	OFT, FLD, Training
Jubagaon	Mohana	OFT, FLD, Training
Akili	Mohana	FLD, Training
Govindpur	Mohana	Training
Manikpur	Mohana	FLD, Training
Kharidhepa	Mohana	FLD, Training
Titisingh	Nuagada	OFT, FLD, Training

Landusahi	Rayagada	OFT, FLD, Training
Koinpur	Rayagada	FLD, Training
Padampur	Gumma	FLD, Training
Adamguda	Gumma	CFLD, Training
S.Kurlunda	Gumma	CFLD, Training
Tarava	Gumma	CFLD, Training
Vanna	Gosani	FLD, Training
Tuman	Gosani	FLD, Training
Atarsing	Nuagada	FLD, OFT, Training
Titising	Nuagada	FLD, OFT, Training
Sinising	R.Udayagiri	Training
Lubursing	R.Udayagiri	OFT, FLD, Training
Dhimirijholi	Mohana	OFT, FLD, Training
Sureikhamar	R.Udayagiri	OFT, FLD, Training
Jang Jang	Nuagada	OFT, FLD, Training

2.1 Priority thrust areas

S. No	Thrust area
1.	Acid soil management
2.	Organic cultivation
3.	Integrated weed management
4.	Varietal replacement with high yielding varieties
5.	Integrated Nutrient management
6.	Integrated pest management
7.	Seed and seedling production
8.	Crop intensification
9.	Value addition and preservation
10.	Crop diversification
11.	Entrepreneurship development
12.	Postharvest management
13.	Management of fruit orchard
14.	Livestock management

15.	Small Farm Mechanization
16.	Mushroom cultivation
17.	Apiculture
18.	Water management

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
4	4	40	0	0	32	8	0	0	32	8	40	4	4	45	0		36	9	0	0	36	9	45

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
48	48	1114	0	0	468	312	218	116	686	428	1114	500	581	2500									Mass

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
25	31	0	0	25	1	4	0	25	4	29	Mass	Mass									

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
-	-	75,000	1,46,810

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

* 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	6	Mass	5	6.29	5.5		
Seminar/conference/ symposia papers	3	Mass					
Books	9	4500	-	-	-	-	-
Bulletins							
News letter	2	1000	-	-	-	-	-
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL	20	Mass	5	6.29	5.5	-	-

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	**Assessment of fertilizer dose and plant population on growth and productivity of summer groundnut**
2.	Problem diagnosed	Low yield due to insufficient crop stand and indiscriminate use of fertilizer
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Cultivation groundnut with imbalanced use of fertilizers TO_1- Application of 125% RDF with a population of 4.0 lakh/ha (25cmX10cm) TO_2- Application of 100% RDF(20:40:40 kg N:P2O5:K2O / ha) with a population of 3.33. lakh/ha (30 cm X 10cm)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Directorate of Research, OUAT, BBSR, 2017-18
5.	Production system and thematic area	Crop production
6.	Performance of the Technology with performance indicators	**No. of branch (no./plant),** No of pods/plant, Cost of intervention. Additional income over additional investment, Pod Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	to increase No of pods/plant, to increase fruit yield,
8.	Constraints identified and feedback for research	Farmers satisfied with this technology
9.	Process of farmers participation and their reaction	By Application of 125% RDF with a population of 4.0 lakh/ha (25cmX10cm) the pod yield increase to 19.05q/ha.

Thematic area: crop production

Problem definition: Low yield due to insufficient crop stand and indiscriminate use of fertilizer

Technology assessed : **Assessment of fertilizer dose and plant population on growth and productivity of summer groundnut**

Table:

Technology option	No. of trials	Yield component		Pod Yield (q/ha)	% Increase in yield	Net return (Rs./ha)	BC ratio
		No. of pod (pod/plant)	**No. of branch (no./plant)**				
FP	7	14.6	5.8	13.6		48700	2.05
TO_1	7	21.3	8.3	19.05	40.07	84750	2.74
TO_2	7	19.4	7.4	18.3	34.55	79700	2.65

OFT-2

1.	Title of On farm Trial	**Assessment of High Protein Rice Varieties in Kharif**
2.	Problem diagnosed	Scope for nutritional security through bio-fortified rice varieties
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Cultivation of rice var Lalat (IET 9947) TO_1- Cultivation of CR Dhan 310 (IET 24780) TO_2- Cultivation of CR Dhan 311 (Mukul)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-IIHR-2019
5.	Production system and thematic area	Varietal Introduction
6.	Performance of the Technology with performance indicators	Plant height, no. of effective tillers/clump and panicle length, Protein content (%), Cost of intervention. Additional income over additional investment, Fruit Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	to increase yield, to increase protein content
8.	Constraints identified and feedback for research	Farmers satisfied with the yield performance of **Rice Varieties**
9.	Process of farmers participation and their reaction	Farmers well accepted this two varities.

Thematic area: Varietal Introduction

Problem definition: Scope for nutritional security through bio-fortified rice varieties

Technology assessed : **Assessment of High Protein Rice Varieties in Kharif**

Table:

Technology option	No. of trials	Yield component		Yield(q/ha) (q/ha) (q/ha)	% Increase in yield	Net return (Rs./ha)	BC ratio
		Plant height (cm	Effective tillers/hill				
FP	10	96.7	13.2	36.4		27610	1.61
TO_1	10	108.2	17.4	40.8		36690	1.82
TO_2	10	111.5	16.6	39.1		33210	1.74

OFT-3

1.	Title of On farm Trial	**Assessment of Weed Management in Pigeon pea**
2.	Problem diagnosed	Low yield due to severe weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: One hand weeding at 25 DAS TO-I: Pre-emergence application of pendimethalin (30EC) @ 0.75 kg a.i./ha at 3 DAS followed by hand weeding at 50 - 60 DAS TO-II: Pre-emergence application of Pendimethalin (30EC) @ 0.75 kg a.i./ha at 3 DAS followed by post-emergence application of Imazethapyr (10SL.) @ 100 g a.i./ha with one hand weeding at 50 - 60 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, SLREC Proceedings 2013
5.	Production system and thematic area	Weed Management
6.	Performance of the Technology with performance indicators	Weed density (no. /sq. m), Weed dry wt. (g/sq. m), Weed control efficiency (%) ,B:C ratio
7.	Final recommendation for micro level situation	to decrease weed infestation
8.	Constraints identified and feedback for research	Farmers satisfied with the decrease in weed infestation
9.	Process of farmers participation and their reaction	Pre-emergence application of Pendimethalin (30EC) @ 0.75 kg a.i./ha at 3 DAS followed by post-emergence application of Imazethapyr (10SL.) @ 100 g a.i./ha with one hand weeding at 50 DAS the **Weed Biomass (g/m^2) decrease upto 5.8**

Thematic area: Varietal Introduction

Problem definition: Scope for nutritional security through bio-fortified rice varieties

Technology assessed : **Assessment of High Protein Rice Varieties in Kharif**

Table:

Technology option	No. of trials	Yield component		**Weed Control Efficiency (%)**	**Yield (q/ha**	Net return (Rs./ha)	BC ratio
		Plant height (cm	**Weed Biomass (g/m^2) 70 DAS**				
FP	10	158.6	28.7	36.4	Harvesting stage		
TO_1	10	174.9	8.7	40.8			
TO_2	10	178.6	5.8	39.1			

OFT-4

1.	Title of On farm Trial	Assessment of multiple disease resistant tomato Var. Arka Samrat and Arka Abhed
2.	Problem diagnosed	Low yield due to disease infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Cultivation of tomato variety Ruby Red TO_1- Cultivation of tomato variety Arka Samrat TO_2- Cultivation of tomato variety Arka Abhed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-IIHR-2018
5.	Production system and thematic area	Varietal Introduction
6.	Performance of the Technology with performance indicators	Fruit size, No of Fruits/plant, wilting %, blight%, Cost of intervention. Additional income over additional investment, Fruit Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	to reduce wilting, reduce blight, to increase fruit yield, to increase keeping quality of fruit
8.	Constraints identified and feedback for research	Farmers satisfied with the yield performance of two varities of tomato
9.	Process of farmers participation and their reaction	Farmers well accepted this two varities as the plants are resistant to diseases and fruits are deep red, sour and pulpy with thick skin.

Thematic area: Varietal Introduction

Problem definition: Low yield due to disease infestation

Technology assessed : Assessment of multiple disease resistant tomato Var. Arka Samrat and Arka Abhed

Table:

Technology option	No. of trials	Yield component		Disease/ incidence (%)/Wilting(%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Weight of fruit(gm)	% increase in Yield						
FP (tomato variety Ruby Red)	7	70.0		27.3	290.4	193600	348480	154880	1.8
TO_1(tomato variety Arka Samrat)	7	90.5	17.75	5.2	345.3	196472	414360	217888	2.1
TO_2 (tomato variety Arka Abhed)	7	102.0	22.48	3.1	360.2	197314	432240	234926	2.2

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	IPM	Demonstration on Management of Fall Army Worm in m	1	1			7	3			7	3	10	
2	Ragi	Varietal Introduction	Demonstration of improved Ragi variety Arjuna	1	1			8	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	Kharif2023	Rainfed	Red and Laterite	242.5	17.4	327.1	Fallow	18.06.2023	12.10.2023	1046	58
Ragi	Kharif 2023	Rainfed	Red and Laterite	236.4	18.2	305.8	Fallow	27.06.2023	15.10.2023	893	44

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	weed management	Demonstration on Herbicides for Weed Control in Groundnut in rabi	10	2	18.35	15.26	20.25	43290	128478	85188	2.97	52980	106834	53854	2.02
Total															

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

Pulses

Frontline demonstration on pulse crops

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

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters(ymv%)		*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
Yard long bean	Varietal Introduction	Demonstration on yard long bean variety for tolerance to YMV	10	0.4	184.3	154.1	19.5%	4.3%	24.4%	136827	287336	150509	2.10	134427	234210	99783	1.74
Groundnut	Weed management	Demonstration on Herbicides for Weed Control in Groundnut in rabi	10	2	18.35	15.26		Weed Density (No./m^2) 45 DAS 11.45	18.84	43290	128478	85188	2.97	52980	106834	53854	2.02
Maize	IPM	Demonstration on management of fall army worm in m	10	2	45.5	35.6		No. Of plants affected/sq. M2 1.1	No. Of plants affected/sq. M2 2.4	44520	91060	46540	2.05	42290	71100	28810	1.68
Ragi	Varietal Introduction	Demonstration of Improved Ragi Variety Arjuna in *Kharif*	10	2	13.85	8.44		Effective tillers/hill 10.4	Effective tillers/hill 5.3	22440	53267	30827	2.37	17230	32460	15230	1.88
	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																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
	Total																

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

Other enterprises

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

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery

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

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

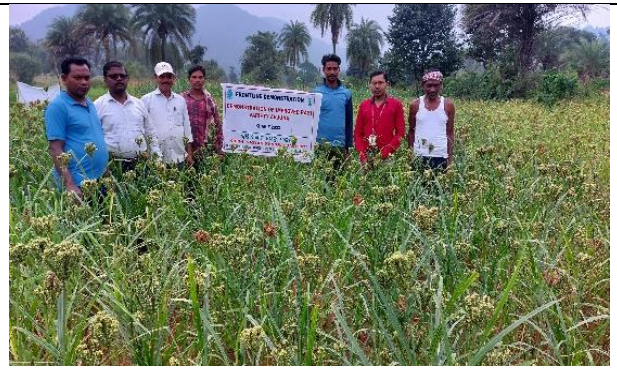
** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total										
Pulses										
Green gram										
Black gram										
Bengal gram										
Red gram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										

Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean	Arka Mangala	10	0.4	184.3	154.1	19.5	136827	287336	150509	2.10
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

	
Demonstration on Management of Fall Army Worm in maize	**Demonstration on Herbicides for Weed Control in Groundnut in rabi**
	
Demonstration of Improved Ragi Variety Arjuna in *Kharif*	**Demonstration on yard long bean variety for tolerance to YMV**

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Vegetable (Yard long bean) Var:Arka Mangala	The pods of Arka Mangala variety are about 47.2 cm long and gives 19% more yield and less infection of YMV as compared to local variety
2	Maize	Farmers preferred for biological control of fall army worm
3	Ragi	Farmers preferred to grow Ragi variety Arjuna for its higher productivity and less disease incidence.
4	Groundnut	Post emergence application of Imazethapyr 10% SL @ 0.75 kg /ha at 20 DAS recorded lower weed density and higher return as compared to hand weeding

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	1.8.2023, 28.08.2023, 11.10.2023, 30.10.2023, 07.11.2023, 09.11.2023	6	150	Farmers were really appreciated with the demonstrated technologies
2.	Farmers Training	5.7.2023,27.7.2023, 11.9.2023,4.10.2023	4	100	Farmers were really appreciated with the demonstrated technologies
3.	Media coverage				
4.	Training for extension functionaries		2	20	The technology transferred by extension funcctionaries

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

1. CFLD on Oilseeds (Sunflower) during rabi season of 2022-23

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Sunflower	DSH-1	11.87	12.64	12.53	22.0	Sunflower var. KBSH-53 @ 1 kg/ac, Yellow sticky trap @ 8 /ac, Imidaclorid 17.8% SL @ 60 ml/ac, Propiconazole 25% EC @ 200ml/ac, *Trichogra*	75	30	14.77	13.57	14.17	12.09	13.08	55.28

							mma chilonis card @ 1.5 /ac, Boron (20% B) @ 200g/ac and NAA @ 93.3 ml/ac								

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	Sunflower var. KBSH-53 @ 1 kg/ac, Yellow sticky trap @ 8 /ac, Imidacloprid 17.8% SL @ 60 ml/ac, Propiconazole 25% EC @ 200ml/ac, *Trichogramma chilonis* card @ 1.5 /ac, Boron (20% B) @ 200g/ac and NAA @ 93.3 ml/ac	38450.7	71112.0	32661.3	1.85	41144	85032	43888	2.07

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/household)
1	Sunflower var. KBSH-53	106290	52	60	3	20	Family, Education, Home	3

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Sunflower var. KBSH-53 @ 1 kg/ac, Yellow sticky trap @	Yes	8.7	83.3	N	Yes	NA

	8 /ac, Imidacloprid 17.8% SL @ 60 ml/ac, Propiconazole 25% EC @ 200ml/ac, *Trichogramma chilonis* card @ 1.5 /ac, Boron (20% B) @ 200g/ac and NAA @ 93.3 ml/ac						

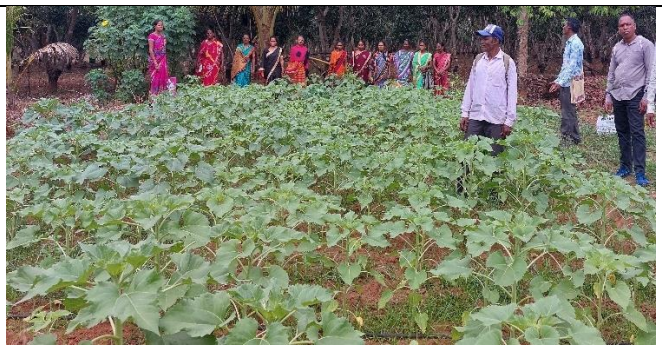
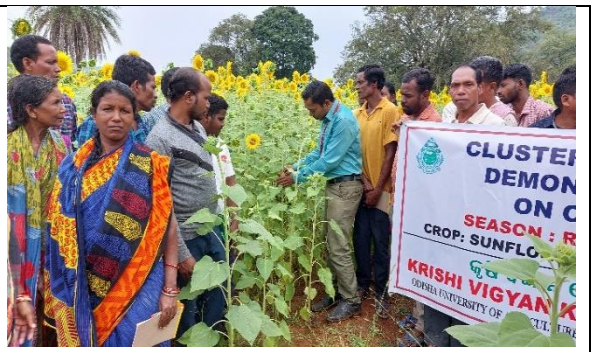
E. Specific Characteristics of Technology and Performance

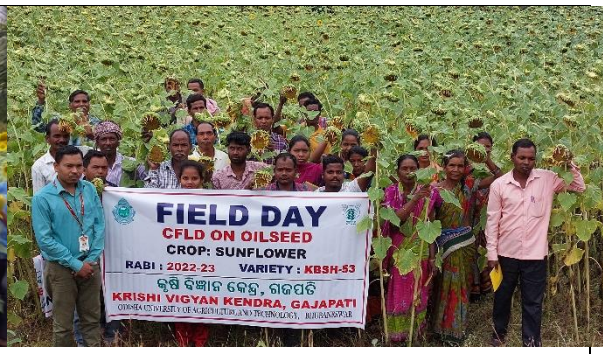
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Resistant to powdery mildew	Lower infection rate	Good	Farmers were liking the var. KBSH-53

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	12.01.2023 at Munising	25
2	Training	16.01.2023 at Souri	25
3	Training	24.01.2023 at Sureikhamar	25
4	Field Day	17.03.2023 at Souri	50

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

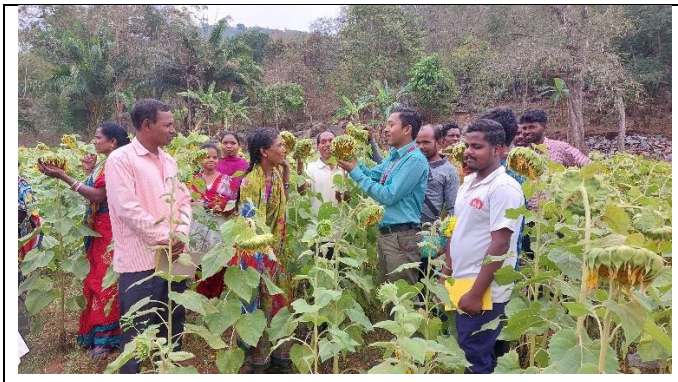
	
Vegetative stage	**Flowering stage**

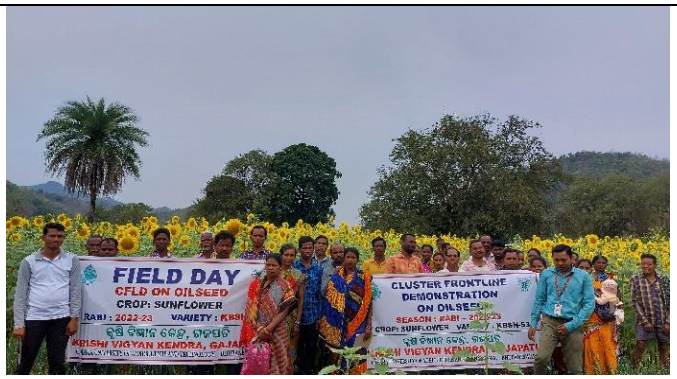


Harvesting stage

H. Farmers' training photographs

I. Quality Action Photographs of field visits/field days and technology demonstrated.





J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Sunflower	i) Critical input	162000	162000	0
	ii) TA/DA/POL etc. for monitoring	18000	18000	0
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	180000	180000	0

2. CFLD on Oilseeds (Groundnut) during rabi season of 2022-23

B. 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	Groundnut	Devi	14.3	18.8	17.9	30	Groundnut var. Dharani, seed treatment with Carbendazim 12% + Mancozeb 63% WP @ 2g/kg, 2% foliar spray of water soluble NPK (19:19:19) at 30-35 DAS, to control Tikka disease spraying of Carbendazim 12% + Mancozeb 63% WP @ 2 g/kg, to control Aphid/Jassid spraying of Neem oil 1500 ppm @ 5ml/l and Imidacloprid 17.8% SL @ 03.ml/l, to control population of insect	25	10	20.1	18.7	19.4	3.19	8.38	54.64

							pests application of *Trichogramma chilonis* @ 5 cards/ha, yellow sticky trap @ 20 pcs/ha, to control weed spraying of post emergence herbicide Imazethapyr 10% SL @ 1.5 ml/l at 20-25 DAS and foliar spray of ZnSO4 (12% Zn) @ 5ml/l and Boron (20%B) @ 1g/l for better pod development									

K. 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	Groundnut var. Dharani, seed treatment with Carbendazim 12% + Mancozeb 63% WP @ 2g/kg, 2% foliar spray of water soluble NPK (19:19:19) at 30-35 DAS, to control Tikka disease spraying of Carbendazim 12% + Mancozeb 63% WP @ 2 g/kg, to control Aphid/Jassid spraying of Neem oil 1500 ppm @ 5ml/l and Imidacloprid 17.8% SL @ 03.ml/l, to control population of insect pests application of *Trichogramma chilonis* @ 5 cards/ha, yellow	47144	100016	52872	2.12	48556	135495	86939	2.79

	sticky trap @ 20 pcs/ha, to control weed spraying of post emergence herbicide Imazethapyr 10% SL @ 1.5 ml/l at 20-25 DAS and foliar spray of ZnSO4 (12% Zn) @ 5ml/l and Boron (20%B) @ 1g/l for better pod development								

K.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/household)
1	Groundnut var. Dharani	48390	60	70	62	25	Family, Education, Home	3

L.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	Groundnut var. Dharani, seed treatment with Carbendazim 12% + Mancozeb 63% WP @ 2g/kg, 2% foliar spray of water soluble NPK (19:19:19) at 30-35 DAS, to control Tikka disease spraying of Carbendazim 12% + Mancozeb 63% WP @ 2 g/kg, to control Aphid/Jassid spraying of Neem oil 1500 ppm @ 5ml/l and Imidacloprid 17.8% SL @ 03.ml/l, to control	Yes	8.5	90 %	N	Yes	NA

	population of insect pests application of *Trichogramma chilonis* @ 5 cards/ha, yellow sticky trap @ 20 pcs/ha, to control weed spraying of post emergence herbicide Imazethapyr 10% SL @ 1.5 ml/l at 20-25 DAS and foliar spray of ZnSO4 (12% Zn) @ 5ml/l and Boron (20%B) @ 1g/l for better pod development						

M. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Drought tolerant, withstands up to 35 days dry spell, Uniform maturity, High SMK%.	Drought tolerant, good yielder	Good	Farmers were liking Dharani variety. Need Tikka disease resistant variety

N. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	30.01.2023 at Jodamba	25
2	Field Day	16.03.2023 at Jodamba	50

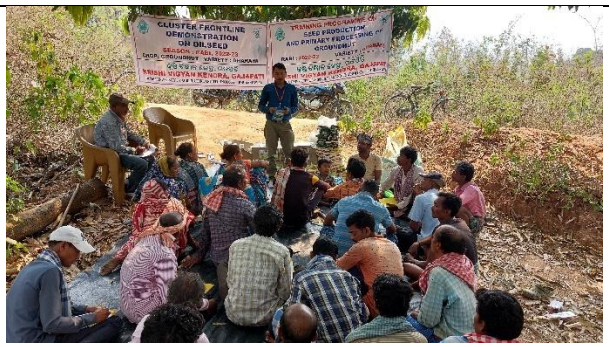
O. Sequential good quality photographs (as per crop stages i.e. growth & development)

Vegetative stage

Flowering stage

	
Pod Development	**Harvesting stage**

P. Farmers' training photographs

Q. Quality Action Photographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut	i) Critical input	108000	108000	0
	ii) TA/DA/POL etc. for monitoring	12000	12000	0
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	120000	120000	0

3. CFLD on Pulses (Pigeonpea) during kharif season of 2023

C. 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	Pigeonpea	Desi Kandula	8.62	7.88	10.22	20	1. Seed treatment with Rhizobium sp. @ 25g/kg, 2. Pigeon pea var. LRG-52 @ 15 kg/ha, 3.Post emergence application of Imazethapyr 10% SL @1ml/l at 21-25 DAS for controlling weed flora, 4. Use of Yellow Sticky Trap @ 10 pcs/ha for controlling pest population, 5. Foliar spray of Nano Urea @ 4ml/l at 30 DAS for better growth, 6. Spraying	75	30	11.37	10.75	11.06	7.88	10.22	55.29

							of Carbendazim 12% + Mancozeb 63% WP @ 2g/l for controlling Fusarium wilt, 7. Application of Emamectin Benzoate 5% SG @ 0.4 g/l to control pod borer, 8. Spraying of Boron (20% B) @ 1g/l at flowering for better fruit setting								

R. 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	1. Seed treatment with Rhizobium sp. @ 25g/kg, 2. Pigeon pea var. LRG-52 @ 15 kg/ha, 3.Post emergence application of Imazethapyr 10% SL @1ml/l at 21-25 DAS for controlling weed flora, 4. Use of Yellow Sticky Trap @ 10 pcs/ha for controlling pest population, 5. Foliar spray of Nano Urea	26476	43100	16624	1.63	27168	55300	28132	2.04

	@ 4ml/l at 30 DAS for better growth, 6. Spraying of Carbendazim 12% + Mancozeb 63% WP @ 2g/l for controlling Fusarium wilt, 7. Application of Emamectin Benzoate 5% SG @ 0.4 g/l to control pod borer, 8. Spraying of Boron (20% B) @ 1g/l at flowering for better fruit setting.								

S. 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/household)
1.	Pigeon pea var. LRG-52	82938	140	50	10	25	Education, Cultivation, Food & Medical and Home	2

T. 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.	1. Seed treatment with Rhizobium sp. @ 25g/kg, 2. Pigeon pea var. LRG-52 @ 15 kg/ha, 3.Post emergence application of Imazethapyr 10% SL @1ml/l at 21-25 DAS for controlling weed flora, 4. Use of Yellow	Yes	9.5 out of 10 (Good yielder & indeterminate, semi spreading, resistant to wilt and moderately resistant to sterility mosaic disease)	75%	-	Yes	Pod borer resistant variety of Pigeon pea should be introduced

	Sticky Trap @ 10 pcs/ha for controlling pest population, 5. Foliar spray of Nano Urea @ 4ml/l at 30 DAS for better growth, 6. Spraying of Carbendazim 12% + Mancozeb 63% WP @ 2g/l for controlling Fusarium wilt, 7. Application of Emamectin Benzoate 5% SG @ 0.4 g/l to control pod borer, 8. Spraying of Boron (20% B) @ 1g/l at flowering for better fruit setting.						

U. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
LRG 52 is yield potential Pigeon pea variety (2 tons per ha). It reaches maturity in 150 days and is moderately tolerant to Helicoverpa, Maruca, Pod fly, Fusarium wilt and Sterility mosaic diseases	High yielding & moderately tolerant to Helicoverpa, Maruca, Pod fly, Fusarium wilt and Sterility mosaic diseases	Good seed quality and higher yield	Satisfied

V. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	31.07.2023 at Madhuramba	25
2	Training	31.07.2023 at Kendupada	25
3	Training	31.07.2023 at Aonlaguda	25
4	Field Day	16.12.2023 at Madhuramba	50
5	Field Day	09.01.2024 Kendupada	50

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

	
Seedling stage	**Vegetative stage**
	
Flowering stage	**Pod Development**

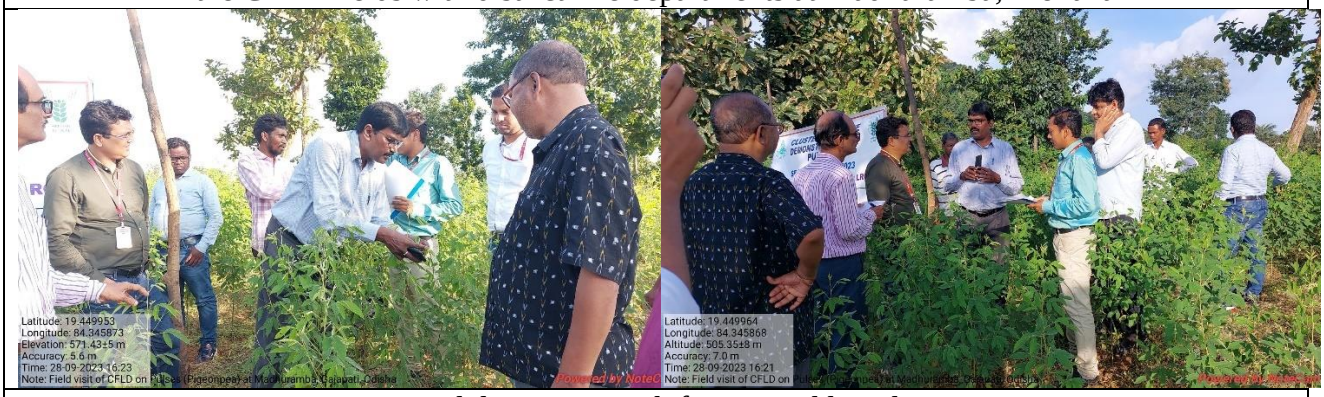
X. Farmers' training photographs

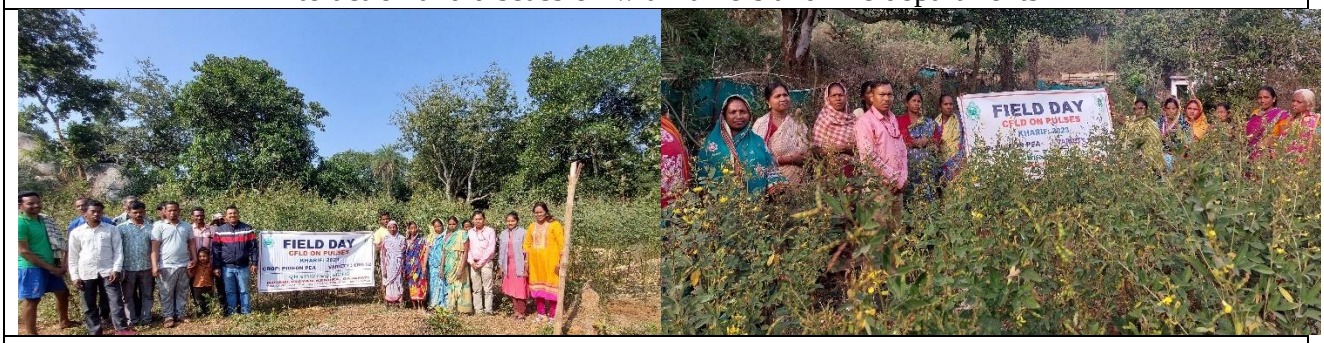
Y. Quality Action Photographs of field visits/field days and technology demonstrated.

Dr. Arvind Kumar, Asst. Director, Directorate of Rice Develoment, Govt. of India, Patna visited the CFLD fields with district line departments at Madhuramba, Mohana



Interaction and discussion with famers and line departments



Field Day at Madhuramba and Kendupada

J.Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	2,43,000	2,43,000	0
	ii) TA/DA/POL etc. for monitoring	27,000	27,000	0
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	2,70,000	2,70,000	0

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production		0	0	18	3	4	0				22	3	25
Weed Management													
Resource Conservation Technologies													
Cropping Systems	1	3	1	4	0	0	0	14	7	21	17	8	25
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Seed production													
Nursery management													
Integrated Crop Management	2	6	14	20	0	4	4	18	8	26	24	26	50
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others	1	5	4	9	1	0	0	11	5	16	15	10	25
Total	4	14	19	33	1	4	4	43	20	63	56	44	100
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	5	4	9	1	0	0	11	5	16	15	10	25
Off0season vegetables	1	5	4	9	1	0	0	11	5	16	15	10	25
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	1	4	0	4	0	0	0	18	3	21	22	3	25
Export potential fruits	1	1	4	5	1	0	1	11	8	19	13	12	25
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	2	5	4	9	1	0	1	29	11	40	35	15	50
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants	1	1	4	5	1	0	1	11	8	19	13	12	25
Propagation techniques of Ornamental Plants													
Others													
Total (c)	1	1	4	5	1	0	1	11	8	19	13	12	25
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology	1	0	8	8	0	0	0	9	8	17	9	16	25
Processing and value addition													
Others													
Total (e)	1	0	8	8	0	0	0	9	8	17	9	16	25
f) Spices													
Production and Management technology	1	1	4	5	1	0	1	11	8	19	13	12	25
Processing and value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others													
Total (f)	1	1	4	5	1	0	1	11	8	19	13	12	25
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
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													

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
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
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	3	0	9	9	0	0	0	42	24	66	42	33	75
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	4	1	5	0	0	0	19	1	20	23	2	25
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	0	0	0	0	0	0	7	18	25	7	18	25
WTO and IPR issues													
Others													
Total	2	4	1	5	0	0	0	26	19	45	30	20	50
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops	1	0	0	0	0	0	0	11	4	15	11	4	15
Training and pruning of orchards													
Protected cultivation of vegetable crops	1	1	3	4	0	0	0	11	3	14	12	3	15
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture	2	2	6	8	0	0	0	22	6	28	24	6	30
Mushroom Production													
Beekeeping	1	4	2	6	0	0	0	7	2	9	11	4	15
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													

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
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	4	0	0	0	0	0	0	46	14	60	46	14	60
Total	9	7	11	18	0	0	0	97	29	126	104	31	135

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	7	3	10	0		0	0	0	0	7	3	10
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	1	8	2	10	0		0	0	0	0	8	2	10
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	1	18	2	20	0		0	0	0	0	18	2	20
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	1	10	1	11	0	0	0	6	3	9	16	4	20
Total	4	43	8	51	0	0	0	6	3	9	49	11	60

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	3	7	3	10	0	0	0	30	35	65	37	38	75
Resource Conservation Technologies	1	4	0	4	1	2	3	12	6	18	17	8	25
Cropping Systems	1	0	0	0	0	0	0	7	18	25	7	18	25
Crop Diversification	1	4	4	8	1	0	0	11	5	16	16	9	25
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management	1	5	0	5	0	0	0	17	3	20	22	3	25
Integrated Crop Management	1	3	7	10	0	2	2	9	4	13	12	13	25
Soil & water conservation													
Integrated nutrient Management	4	11	8	19	0	0	0	53	28	81	64	36	100
Production of organic inputs													
Others													
Total	12	34	22	56	2	4	5	139	99	238	175	125	300
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising	1	3	7	10	0	2	2	9	4	13	12	13	25
Exotic vegetables	1	0	0	0	0	0	0	7	18	25	7	18	25
Export potential vegetables	1	3	7	10	0	2	2	9	4	13	12	13	25
Grading and standardization													
Protective cultivation													
Others													
Total (a)	3	6	14	20	0	4	4	25	26	51	31	44	75
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	0	0	0	0	0	0	7	18	25	7	18	25
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)	1	0	0	0	0	0	0	7	18	25	7	18	25
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													

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 (e)													
f) Spices													
Production and Management technology													
Processing and value addition	1	4	4	8	1	0	0	11	5	16	16	9	25
Others													
Total (f)	1	4	4	8	1	0	0	11	5	16	16	9	25
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
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													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	1	4	4	8	1	0	0	11	5	16	16	9	25
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	0	0	0	0	0	0	7	18	25	7	18	25
WTO and IPR issues													
Others													
Total	2	4	4	8	1	0	0	18	23	41	23	27	50
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	34	88	80	168	6	16	18	364	296	660	458	392	850

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													

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
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													

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 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	3	7	3	10	0	0	0	30	35	65	37	38	75
Resource Conservation Technologies	1	4	0	4	1	2	3	12	6	18	17	8	25
Cropping Systems	1	3	1	4	0	0	0	14	7	21	17	8	25
Crop Diversification	1	4	4	8	1	0	0	11	5	16	16	9	25
Integrated Farming	1	3	1	4	0	0	0	14	7	21	17	8	25
Micro irrigation/irrigation													
Seed production													
Nursery management	1	5	0	5	0	0	0	17	3	20	22	3	25
Integrated Crop Management	3	6	14	20	0	4	4	25	26	51	31	44	75
Soil & water conservation													
Integrated nutrient Management	4	11	8	19	0	0	0	53	28	81	64	36	100
Production of organic inputs													
Others	1	5	4	9	1	0	0	11	5	16	15	10	25
Total	16	48	35	83	3	6	7	187	122	309	236	164	400
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	5	4	9	1	0	0	11	5	16	15	10	25
Off-season vegetables	1	5	4	9	1	0	0	11	5	16	15	10	25
Nursery raising	1	3	7	10	0	2	2	9	4	13	12	13	25
Exotic vegetables	1	0	0	0	0	0	0	7	18	25	7	18	25
Export potential vegetables	1	3	7	10	0	2	2	9	4	13	12	13	25
Grading and standardization													
Protective cultivation													
Others													
Total (a)	5	16	22	38	2	4	4	47	36	83	61	64	125
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	0	0	0	0	0	0	7	18	25	7	18	25
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards	1	4	0	4	0	0	0	18	3	21	22	3	25
Export potential fruits	1	1	4	5	1	0	1	11	8	19	13	12	25
Micro irrigation systems of orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Plant propagation techniques													
Others													
Total (b)	3	5	4	9	1	0	1	36	29	65	42	33	75
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants	1	0	0	0	0	0	0	7	18	25	7	18	25
Propagation techniques of Ornamental Plants													
Others													
Total (c)	1	0	0	0	0	0	0	7	18	25	7	18	25
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology	1	5	0	5	0	0	0	17	3	20	22	3	25
Processing and value addition													
Others													
Total (e)	1	5	0	5	0	0	0	17	3	20	22	3	25
f) Spices													
Production and Management technology	1	1	4	5	1	0	1	11	8	19	13	12	25
Processing and value addition	1	5	0	5	0	0	0	17	3	20	22	3	25
Others													
Total (f)	2	6	4	10	1	0	1	28	11	39	35	15	50
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	12	32	30	62	4	4	6	135	97	232	167	133	300
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
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													

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
freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets	3	0	9	9	0	0	0	42	24	66	42	33	75
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	4	1	5	0	0	0	19	1	20	23	2	25
Formation and Management of SHGs	1	4	4	8	1	0	0	11	5	16	16	9	25
Mobilization of social capital													
Entrepreneurial development of farmers/youths	2	0	0	0	0	0	0	14	36	50	14	36	50
WTO and IPR issues													
Others													
Total	4	8	5	13	1	0	0	44	42	86	53	47	100
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (PCO (Glyphosate))	1	4	4	8	1	0	0	11	5	16	16	9	25
GRAND TOTAL	36	92	83	175	9	10	13	419	290	709	514	386	900

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

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	1	0	0	0	0	0	0	11	4	15	11	4	15
Training and pruning of orchards													
Protected cultivation of vegetable crops	1	1	3	4	0	0	0	11	3	14	12	3	15
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture	2	2	6	8	0	0	0	22	6	28	24	6	30
Mushroom Production													
Beekeeping	1	4	2	6	0	0	0	7	2	9	11	4	15
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 (Commercial flower production, Agri-preneurship development towards self sufficiency, Use of ICT materials in agriculture, Integrated farming system)	4	0	0	0	0	0	0	46	14	60	46	14	60
	9	7	11	18	0	0	0	97	29	126	104	31	135

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	7	3	10	0		0	0	0	0	7	3	10
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	1	8	2	10	0		0	0	0	0	8	2	10
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	1	18	2	20	0		0	0	0	0	18	2	20
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	1	10	1	11	0	0	0	6	3	9	16	4	20
Total	4	43	8	51	0	0	0	6	3	9	49	11	60

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy	F/FW	Weed management in Pulses	1 day	OFF	15	10	25	12	6	18
	F/FW	Production Technology of Greengram	1 day	ON	17	8	25	14	7	21
	F/FW	Relay cropping of pulses in rice based cropping system	1 day	OFF	17	8	25	11	5	16
	F/FW	Production Technology of Sweet corn	1 day	OFF	16	9	25	14	7	21
	F/FW	Weed management in Groundnut	1 day	OFF	17	8	25	18	3	21
	F/FW	Production Technology of Sesame	1 day	OFF	20	5	25	11	8	19
	F/FW	Production Technology of Pigeon pea	1 day	ON	13	12	25	9	8	17

	F/FW	Production Technology of Ragi	1 day	OFF	22	3	25	12	4	16
	F/FW	Maize + cowpea (2:2) intercropping system	1 day	OFF	11	14	25	9	1	10
	F/FW	Ragi + Pigeon pea (8:2) intercropping system	1 day	ON	15	10	25	14	2	16
	F/FW	Production Technology of Sunflower	1 day	OFF	14	11	25	13	7	20
	F/FW	Insect pest management in cotton	1 day	OFF	17	8	25	17	5	22
	F/FW	Nursery management of paddy	1 day	OFF	15	10	25	18	3	21
	F/FW	Insect pest & disease management in paddy	1 day	ON	18	7	25	11	8	19
	F/FW	Weed management in maize	1 day	OFF	17	8	25	10	3	13
	F/FW	Agroforestry model and its importance on livelihood	1 day	OFF	12	13	25	12	2	14
	RY	Integrated farming system	2day	ON	12	8	20	12	6	18
	RY	Production of organic compost	2 day	ON	14	6	20	13	3	16
	IS	New generation pesticides	1day	ON	8	2	10	0	0	0
Agril Extn	F/FW	Formation of FPO	1 day	ON	11	14	25	11	2	13
	F/FW	Effectiveness of short videos on technology adoption	1 day	OFF	22	3	25	12	3	15
	F/FW	Production led extension	1 day	OFF	20	5	25	14	5	19
	F/FW	Collective marketing for higher income and profit	1 day	ON	16	9	25	11	9	20
	RY	Agri-preneurship development towards self sufficiency	2day	ON	16	4	20	11	6	17
	RY	Use of ICT materials in agriculture	2 day	ON	15	5	20	13	3	16
	IS	Capacity building for ICT application	1day	ON	14	6	20	2	2	4
	IS	Formation and Management of SHGs	1day	ON	13	7	20	11	4	15
Horticulture	F/FW	Improved agro techniques of solanaceous vegetables	1 day	OFF	15	10	25	12	6	18

	F/FW	Production technology of ivy gourd, bittergourd	1 day	OFF	15	10	25	14	7	21
	F/FW	Rejuvenation of old mango orchard and canopy management	1 day	ON	12	13	25	11	5	16
	F/FW	Integrated nutrient management in mango orchard	1 day	OFF	7	18	25	14	7	21
	F/FW	Cultivation of cauliflower, cabbage, broccoli in scientific manner	1 day	OFF	7	18	25	19	1	20
	F/FW	Scientific cultivation of Onion, Ginger, Chilli	1 day	OFF	15	10	25	11	5	16
	F/FW	Integrated nutrient management in vegetables	1 day	OFF	19	6	25	18	3	21
	F/FW	cultivation of Marigold, Tuberose ,Jasmine for income generation	1 day	OFF	17	8	25	11	8	19
	F/FW	processing and value addition of tomato, chilli	1 day	OFF	22	3	25	9	8	17
	F/FW	Commercial cultivation techniques of Rose, under open condition	1 day	ON	20	5	25	12	4	16
	F/FW	Production technology of mango, Guava, Banana	1 day	OFF	18	7	25	13	4	17
	F/FW	Production technology for off season vegetables	1 day	OFF	16	9	25	3	16	19
	RY	Nursery management and quality planting material production	2day	ON	11	4	15	8	4	12
	RY	Entrepreneurship development through Production of vegetables	2day	ON	12	3	15	7	2	9
	RY	Vermicomposting as an income generating activity	2day	ON	13	2	15	13	2	15
	RY	Cultivation of Rose, Orchids, Gerbera	2day	ON	7	8	15	7	5	12
	IS	Protected cultivation technology	1day	ON	7	3	10	0	0	0

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop /	Identified Thrust	Training title*	Duration	No. of Participants	Self employed after training	Number of persons employed else

Enterprise	Area		(days)							where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermicompost	Income generating activity	Vermicomposting	5 day	8	2	10	vermicompost unit	2	3	-
Vermicompost	Income generating activity	Vermicomposting	5 day	7	3	10	vermicompost unit	7	6	-
Fruit & vegetable		Quality planting material production	5 day	6	4	10	Nursery	2	7	-

*training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													
Integrated crop management													
Organic farming													
Other													
Total													
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total													
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides,													

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

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

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

b) Details of participation

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

Production of Inputs at site													
Methods of protective cultivation													
Other													
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

Good quality photographs of training activity:

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

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

					total)						
Field Day	6	182	28	210	95	3	1	4	185	29	214
Kisan Mela	4	Mass	Mass	Mass	-	Mass	Mass	Mass	Mass	Mass	Mass
Kisan Ghosthi	1	37	13	50	75	2	0	2	39	13	52
Exhibition	7	Mass	Mass	Mass	-	Mass	Mass	Mass	Mass	Mass	Mass
Film Show	7	Mass	Mass	Mass	-	Mass	Mass	Mass	Mass	Mass	Mass
Method Demonstrations	12	124	72	196	92	7	3	10	131	75	206
Farmers Seminar	6	120	40	160	70	2		2	122	40	162
Workshop	0	0	0	0	0	0	0	0	0	0	0
Group meetings	12	224	38	260	84	3	0	3	243	38	281
Lectures delivered as resource persons	25	386	89	475	76	7	4	11	393	93	486
Advisory Services	52	788	462	1250	65	12	5	17	800	467	1267
Scientific visit to farmers field	66	963	587	1550	76	32	16	48	995	703	1698
Farmers visit to KVK	290	1246	204	1450	68	26	8	34	1272	212	1484
Diagnostic visits	60	963	587	1550	76	32	16	48	995	503	1498
Exposure visits	5	176	74	250	75	12	3	15	188	77	265
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	1	30	0	30	40	4	2	6	34	2	36
Animal Health Camp	4	184	66	250	95	8	0	8	192	66	258
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	3	64	11	75	70	3	0	3	67	11	78
Self Help Group Conveners meetings	2	0	50	50	40	1		1	1	50	51
Mahila Mandals Conveners meetings				0				0	0	0	0
Celebration of important days (specify)				0				0	0	0	0
Sankalp Se Siddhi				0				0	0	0	0
Swatchta Hi Sewa	1	Mass	Mass	Mass	-	Mass	Mass	Mass	Mass	Mass	Mass
Mahila Kisan Divas	1	0	50	50	60	2	1	3	2	51	53
Any Other (Celebration of important days (World bee day, World milk day, World water day, Kisan and Vigyan day, Vigillance awareness week, International womens day, Women in Agriculture Day, World Food Day, , World Soil Day,	23	Mass	Mass	Mass	-	Mass	Mass	Mass	Mass	Mass	Mass

OUAT foundation day, ICAR foundation day, Agri educational fair)											
Total	587	5487	2371	7856	1157	156	59	215	5659	2430	8089

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	5
Radio talks	-
TV talks	4
Popular articles	4
Extension Literature	3
Other, if any	-

Good quality photographs of Extension activity:

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

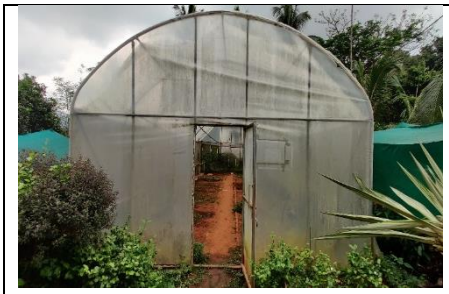
Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Grand Total											

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	Snow ball, Megha, Fujiyama, White Treasure	2100	4200	10	4	56	30	2	2	68	36
Cabbage	Green gold, Hare Krishna, Rare ball	2000	4000	10	4	56	30	2	2	68	36
Tomato	Arka Rakshak	12400	29245	50	25	500	225	40	30	590	280
Brinjal	Swarna Shyamali, B-5	12200	29000	40	10	420	190	8	2	468	202
Chilli	Arka Harita	5500	11000	46	9	420	190	8	2	474	201
Onion	Arka Kalyan, Red-4	111110	16666			7				7	
Knolkhol	White Vienna, Winner	400	800			2				2	
Broccoli	Sisira	400	800			3				3	
Capsicum	Bharat, Greengold	200	800			2				2	
Marigold	Seracole	500	1000			10				10	
Fruits											
Mango	Amrapalli, Langra, Bombay Green	140	5600	10	8	70	50	10	8	90	66
Papaya	Red lady, Pusa Nanha	200	5000	20	10	400	200	10	10	430	220
Litchi	Muzaffarpur	100	4000			160	40			160	40
Drumstick	PKM1, ODC-3	200	3000	88	12	328	60	25	5	441	77
Total		147450	115111	274	82	2432	1015	105	61	2811	1158

Good quality photographs of planting materials:

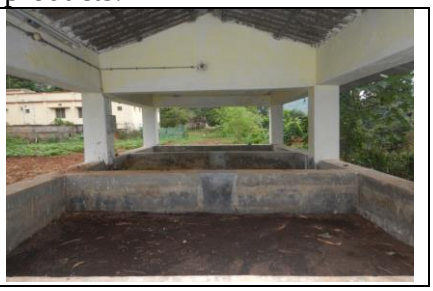


Production of Bio-Products

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	800 kg	12000	20	10	400	200	10	10	430	220
Bio-pesticide										
Bio-fungicide										
Bio-agents	2kg	1000			3				3	
Others, please specify.										
Total		13000	20	10	403	200	10	10	433	220

Good quality photographs of bio-products:



Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dairy animals											
Cows											
Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry											
Broilers											
Layers											
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks											
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:NA

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

ii) Quality Seed Production Reports :NA

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: NA

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: NA

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(3 no)	A cross sectional study on a cohort of tribal groups in the Malkangiri District of Odisha, on their knowledge, attitudes and practices about COVID-19 Yield and Economic Evaluation of Medicinal Plants in Hortisilvi Agroforestry Systems Influence of Micronutrient Application on Nutrient Content, Uptake and Residual Soil Nutrient Status in Rice (Oryza sativa L.) in Western Uttar Pradesh Condition	Sangram Paramaguru, Kankan Kumar Biswas,Susmita panda, Rosalin Das M R Nayak, B.Sahoo, S R Das, S Paramaguru and P.J Mishra Mohapatra, Vivek, Akshay Ujjwal, Trayambak Gurjar, Jyotiprakash Mishra, Tarini Prasad Das, SanghamitraPattnaik, Subrat Kumar Mahapatra and Jayashankar Pradhan	-	The Pharma Innovation Journal 2022 SP-11(11): 1475-1482 Multilogic in Science Vol-XII, Issue XXXXIV, Oct 22 International Journal of Plant & Soil Science Volume 35, Issue 2, Page 108-113, 2023; Article no.IJPSS.99188 ISSN: 2320-7035
Seminar/conference/ symposia papers (3 no.)	Effect of foliar application of biostimulants and pinching on growth, flowering and shelf life of African marigold (Tagetes Potential and importance of underutilized cucurbitaceous crop spine gourd for food and nutritional security Performance of weed management practices on growth, yield and economics of green gram (Vigna radiata (L.) Wilczek	Sushree Choudhury, D. Sarangi, K. Mishra		6 th CWSS International Conference on Agricultural Innovations for Sustainable Development Goals with Special Focus on Natural Farming (AISDGONF-2023)
Books(4)				
Bulletins				
News letter	Sabujagiri	Dr. Sangram Paramaguru, Dr Sushree Choudhury, Dr Sanjib Kumar Mandi, Mr Jayashankar Pradhan,	1000	1000
Popular Articles(4)	Murtika ra swastya rakhya Azolla Chasa Mitha maka Chasa Prakutika Chasa	Dr. Sangram Paramaguru, Dr Sushree Choudhury, Dr Sanjib Kumar Mandi, Mr Jayashankar	2000	2000

		Pradhan		
Book Chapter				
Extension Pamphlets/ literature	Saghna Amba Chasa Mandia Ru Mulya Jukta Khadya Prastuti Mandia Chasa Nursery Stapna Abenga Parichalana	Dr. Sangram Paramaguru, Dr Sushree Choudhury, Dr Sanjib Kumar Mandi, Mr Jayashankar Pradhan,	2000	2000
Technical reports				
Electronic Publication (CD/DVD etc.)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.					
2.					
3.					
4.					
5.					
6.					
7.					

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

Name of farmer	Dayanidhi Karjee
Address	Vill- Dihudisahi, GP- Mangarajpur, Block- R.Udayagiri, Dist- Gajapati, PIN-761016
Contact details (Phone, mobile, email Id)	Mob: +91 9439525724
Landholding (in ha.)	0.8 ha
Name and description of the farm/ enterprise	Improved Crop Production ➢ Cultivation of Pigeon pea var. LRG-52 @ 15 kg/ha, Seed treatment with Rhizobium sp. @ 25g/kg, Pre-emergence application of Pendimethalin 30%EC @ 1.5ml/l within 24 hrs. of sowing followed by post emergence application of Imazethapyr 10% SL @1ml/l at 21-25 DAS for controlling weed flora . Use of Yellow Sticky Trap @ 10 pcs/ha for controlling pest population, Foliar spray of water Sol. NPK (19:19:19) @ 2g/l at 30 DAS for better growth, Spraying of Carbendazim 12% + Mancozeb 63% WP @ 2g/l for controlling Fusarium wilt, . Application of Emamectin Benzoate 5% SG @ 0.4 g/l to control pod borer, Spraying of Boron (20% B) @ 1g/l at flowering for better fruit setting ➢ Cultivation of cowpea bean in trellis system, Seed treatment with Rhizobium ➢ Cultivation of early cauliflower and cabbage and application of micronutrient
Economic impact	**Used Practice** | **Yield (q/ha)** | **Gross cost** | **Gross income (Rs/ha)** | **Net income** | **B:C ratio**

			(Rs/ha)		**(Rs/ha)**	
	Farmer practices	9.3	25900	46500	20600	1.80
	Demonstration	11.95	27100	59750	32650	2.20
	% Increase in yield	28.49				
Social impact	Mr. Dayanidhi Karjee is now become a better farmer and an example for the local farmers... He is identified as a very progressive and receptive farmer who could mobilize the beneficiaries for systematic and scientific cultivation by his own interest. He has cultivated, Raikia beans, cowpea and offseason cauliflower and cabbage round the year in his field.					
Environmental impact	The farmer used to get annual income of Rs. 46500 but by interventions like improved agricultural practices etc., he is getting annual income of Rs 59750and the yield increase by 28.49%					
Horizontal/ Vertical spread	Farmers from near by twenty villages of R. udayagiri block visited the field of Mr. Dayanidhi Karjee to see the year round cultivation of vegetables and pigeon pea and show their interest to learn the technique of cultivation of bean in trellis system, Seed treatment of pigeon pea with Rhizobium.					
Good quality photographs (2-3)	 					

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

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
	Demonstration on yard long bean variety in single line trellis system	Pradeep Raita Viil: Sureikhamar Block: Nuagada District: R. Udayagiri Phone no.-7655983317	Farmers facing low profit due to high cost as practice of growing bean on bamboo staking as the baboos become rotten after one year. the trellis system developed by using plastic thread which is durable and cost effectiveand also the crops get more air and light and better vegetative growth and the fruit yield increase. The productivity as well as income of the beneficiary was increased by adopting growing of yard long bean variety in single line trellis system

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	Enterprise	Cleaning of ragi in Natural wind with KULA	Use of Mechanical Ragi winnower cum cleaner
2	Crop (Rakia beans)	Use of unmanaged Trellising structure	Use of line trellising with plastic net
3	Tamarind	Drying of Tamarind under sun and Manual deseeding	Use of solar dryer and use of Tamarind seed deseeder

4	Crop (Mahua)	Breaking of Mahua seeds manually	Use of Mahua Seed decorticator

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)
1	Ragi	30	7000 kg	30	Y
2	Aromatic rice	40		50	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
1	Use of power point presentation for theory and hands on practice for practical and demonstration activities	For gaining detailed knowledge on a technology and make the topic more interested and easily understandable

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

Sl. No	Name of the Equipment	Qty.
1.	Flame Photometer With Pc Software	1
2.	Electronic Precision Balance	1
3.	Electronic Precision Balance	1
4.	Refrigerated Centrifuge	1
5.	Physical Balance	1
6.	Hydrometer	1
7.	Thermometer	1
8.	Horizontal Rotary Shaker	1
9.	Hot Air Oven Digital	1
10.	Distilled Water Unit	1
11.	Ph Meter Micro Controller Based	1
12.	Ec Meter	1
13.	Mechanical Stirrer	1
14.	Magnetic Stirrer with Hot Plate	1
15.	Soil Moisture Meter	1
16.	Kel Plus Automatic Nitrogen Estimation System	1
17.	Kel Plus Automatic Scrubber System	1
18.	Kel Plus Automatic Distillation System	1
19.	Titration System	1
20.	Mridaparikshak	2

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			
48		48	154	9	-

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	65	1	Sri Smruti Ranjan Pradhan, IAS (Collector of Gajapati District)	30	30

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials
3	demonstration of cowpea under drip irrigation system	Mass	35	7

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Distribution of Seedlings	4	100	Cabbage, Cauliflower, Broccoli, Brinjal, Tomato, Capsicum, Mango grafts, Litchi graft, Papaya
Visit of Demo unit	10	55	Cultivation of vegetables I trellis system Protected cultivation of vegetable using drip and polymulching Nursery raising of vegetables Vermicompost production Marigold cultivation Capsicum cultivation Azolla cultivation Backyard poultry rearing Mango and Litchi graft production unit NADEP Compost Pit
Distribution of Literature	8	120	News Letter, Booklets

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

No of student trained	No of days stayed
45 (Students of School of Agriclture, Centurian University)	1
21(Students of OUAT)	1

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
21.02.2023	Prof Pravat Roul Hon'ble Vice Chancellor OUAT, Bhubaneswar	Official Visit
30.5.2023	Mr. B.Khosla, Assistant Registrar	Official Visit

18.8.2023	Dr R. K Panda Director ICAR-IIWM, Bhubaneswar	Official visit for conducting farmer/Farm women training
18.8.2023	Dr S.K Rautray Principal Scientist ICAR-IIWM, Bhubaneswar	Official visit for conducting farmer/Farm women training
18.8.2023	Dr R.K..Mohanty Principal Scientist ICAR-IIWM, Bhubaneswar	Official Visit
28.9.2023 & 29.9.2023	Dr Arvind Kumar Assistant Director,Directorateof Rice development, Govt. of India, Patna	Official visit for monitoring CFLD Pulses and Oilseeds under NFSM
10.11.2023	Dasarathi Gomango, MLA, mohana	Official Visit
07.11.2023	Dr. Gyanaloka Das ADR, RRTTS, G.Udayagiri	Official visit for scientific bee keeping training
17.11.2023	Mr. Suresh Kumar Pattnaik, PD, Watershed Gajapati	Official visit for scientific bee keeping training
17.11.2023	Dr. Susanta Ranjan Dash, DDH Gajapati	Official visit for scientific bee keeping training
18.11.2023	Dr. Pravasini Behera, PI AICRP on Honey Bees and Pollinators,OUAT,	Official visit for scientific bee keeping training
18.11.2023	Dr. Uttam Kumar Behera The Assistant Seed Research Officer (Seed Entomologist), C.A, OUAT, Bhubaneswar	Official visit for scientific bee keeping training
22.11.2023	Dr. Debasis Behera, Associate Professor CA, Bhawanipatna, OUAT	Official visit for scientific bee keeping training
13.12.2023	Dr. Balaram Subudhi CDAO, Gajapati	Official visit for scientific bee keeping training
29.12.2023	Dr. P..K..Mohanty Deputy Director Extension UEBP,DEE, OUAT, Bhubaneswar	Official visit for attending 19th SAC meeting

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Groundnut variety Dharani with improved package of practices	25	100%	52872/-	86939/-
Management of Fall Army Worm in maize	15	100	28810/-	46540/-
Cultivation of Sunflower var. KBSH-53 with improved package of practices	75	100	32661	43888
Rice var. CRDhan-310	15	100	27610/-	36690/-
Use of Herbicides for Weed Control in Groundnut in rabi	30	90	53854/-	85188/-
Ragi variety-Arjuna	20	100	15230/-	30827/-
Cultivation of yard long bean Arka mangala for tolerance to YMV	20	100	49783/-	905010/-

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
Rice var. CR Dhan 311	10 ha
Rice var. CR Dhan 310	10 ha
Small farm mechanization	130 number
pigeon pea variety LRG 52	140 ha
Groundnut variety Dharani	220 ha
Sun flower variety KBSH-53	120 ha
Maize variety-Kalinga Raj	10 ha

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	Demonstration of Improved crop verities	Enhancement in crop yield	Increase in farmers' income
2	Soil Test based fertilizer application and INM	Improvement in production and soil health	Sustainability of crop production and soil health
3	Demonstration on chemical weed management	Limit the farm labour use	Increase the farmers income
4	Training and Demonstration on scientific crop management practices	Enhancement of yield and quality of produce	Increase in famers' income and sustainability
5	Training and demonstration on farm mechanization	Precision use of inputs and increase in net return	Reduction of cost of cultivation, drudgery reduction, Maintaining Gender equality, Timely farm operation

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

Entrepreneurship development				
Name of the enterprise	Bee keeping			
Name & complete address of the entrepreneur	Mr. Jayanta Raika Address: (At/Po/Block/Dist/PIN): At- Ghodakana, GP- Attarsing, Block- Nuagada, District- Gajapati			
Role of KVK with quantitative data support:	KVK, Gajapati helps in enhancing the knowledge of farmer by training and technical support			
Timeline of the entrepreneurship development	4 to 5 year			
Technical Components of the Enterprise	Crop	Technology	Season	Area

		intervention		(Ha)
	Sweet corn	Packages of practices	*Kharif + Rabi*	0.2
	Vegetables	Packages of practices	*Kharif + Rabi*	0.2
	Bee Keeping	Training, Demonstration & Exposure visit	Round the year	-
Status of entrepreneur before and after the enterprise	Before-he earned an income of Rs. 59,000/but after adopting the enterprise he earned an income of - Rs. 1,04,000/- and there is an Increase of income upto 176%			
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Improved cultivation practices, Scientific Bee Keeping, cultivation of flowering plants, dev. of honey extractor, Bee box making , technology dissemination			
Horizontal spread of enterprise	six other farmers of the village and farmers of nearby four villages have adopted scientific bee keeping after availing training from KVK following the footsteps of Mr. Jayanta Raika			

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ICAR-IIWM, Bhubaneswar	Conducting Training Programme, Demonstration and supply of good quality planting material
ATMA, Gajapati & others line departments	Monthly RE Linkage meeting, Diagnostic field visit,
Horticulture Department	Planting material certification, Diagnostic field visit Resource person in various demonstration and training programme
Agriculture Department	Diagnostic field visit, Resource person in various demonstration and training programme
Department of Animal Husbandry	Diagnostic field visit, Resource person in various demonstration, Animal health camp and training programme
AICRPS	Collaborative Training and demonstration

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

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq .mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Poly house	2010	100	Vegetable Seedlings and sapling	Planting Material	1474210	-	105511	Renovation of the structure should be required
2	Poultry Unit	2010	20	Vanaraj, Kadaknath, Rainbow rooster	Poultry bird and egg	2.5 kg Bird 410 egg	-	5120	Needs more infrastructure for extension
3	Grafting unit	2007	200	Bombay green, Amrapali, Lengda, Daseri, Mallika	Mango and Litchi	240	-	9600	Need fund for orchard cleaning and management
4.	Vermicompost unit	2010	30	*Eiesenia foetida*	Vermi compost	800kg	-	12000	
5.	Vermicompost unit	2010	30	-	Vermi worm	2kg	-	1000	
	Total							133231	

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	
Mango			8 ha	Langada, Bombay Green, Amrapalli, Mallika	Fruit	3.8	-	4560	
Litchi			0.4	Muzaffarpur	Fruit	1.4	-	5600	
Guava			0.01	VNR Bihi	Fruit	0.5		5000	

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	800kg		12000	
	vermin	2 kg		1000	

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.							
2.	Poultry	Vanaraj	Meat	2.5 kg	-	875	
3.	Poultry	Kadaknath	Egg	490	-	4900	

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)
November	25	1	
November	25	1	
December	25	1	
Total :	75	1	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: No

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current –Flexi	State Bank of India	R.Udayagiri	11570672119
Current –Flexi	State Bank of India	R.Udayagiri	39333724711
Current –Flexi	State Bank of India	R.Udayagiri	30450420961

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

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2024
	Kharif	Rabi	Kharif	Rabi	
Pigeon pea	270000		270000		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	5800000	3511000	5696671
2	Traveling allowances	150000	112500	112500
3	Contingencies			
A	POL & Vehicle Maintenance			
B	Office stationary	600000		
C	Meals & Refreshment for resident and non-resident training			
D	Training Material	510000		
E	Frontline demonstration	255000		
F	On farm Testing	255000	1233800	750000
G	TSP	1200000	580000	545000
H				
I				
J	Swachhta Expenditure	34000	0	0
TOTAL (A)		2854000	1813800	1295000
B. Non-Recurring Contingencies				
1	Library	10000	10000	10000
2				
3				
4				
TOTAL (B)		10000	10000	10000
C. REVOLVING FUND		-	-	
GRAND TOTAL (A+B+C)		2864000	1814800	1305000

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	3,74,608/-	66,908/-	2,25,013/-	2,09,553/-
2020-21	2,09,553/-	4,15,542/-	1,84,008/-	1,84,089/-
2021-22	1,84,089/-	3,62,953/-	1,26,307/-	5,73,977/-
2022-23	5,73,977/-	1,78,372/-	1,23,431/-	7,47,694/-
2023-24	7,47,694/-	-	-	-

7.6. (i) Number of SHGs formed by KVKs 10
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

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

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Fall Armyworm	Maize	25th August to 15th September	2000 ha	5%	Spraying of Emamectin Benzoate 5% SG @ 4gm/10 litre

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	40	14230
Livestock		
Fishery		
Weather	1	14230
Marketing		
Awareness	12	14230
Training information		
Other		
Total	53	14230

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	8634
2.	No. of farmers registered in the portal	1308
3.	Mobile Apps developed by KVK	0
4.	Name of the App	0
5.	Language of the App	0
6.	Meant for crop/ livestock/ fishery/ others	0
7.	No. of times downloaded	0

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
17.09.2023	Awareness Campaign, Planting of trees
26.09.2023	Swachhta Campaign, Cleaning of school campus
30.09.2023	Cleaning of Road sides of town and collecting plastics
18.10.2023	Cleaning of office premises and awareness about use of vermicompost
13.11.2023	Awareness on use of farm waste and compost preparation. Natural farming
02.12.2023	Promote Natural farming, Planting more trees
17.12.2023	Cleaning of village premises, roads and awareness on less use of chemical fertilizer and more use of compost
24.12.2023	Cleaning of demo units, office premises

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	3	-
2. Basic maintenance	3	--
3. Sanitation and SBM	8	--
4. Cleaning and beautification of surrounding areas	8	-
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	2	-
6. Used water for agriculture/ horticulture application	1	-
7. Swachhta Awareness at local level	4	-
8. Swachhta Workshops	7	-
9. Swachhta Pledge	2	-
10. Display and Banner	2	-

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)	3	-
14. No of Staff members involved in the activities	11	-
15. No of VIP/VVIPs involved in the activities	4	-
16. Any other specific activity (in details) Cleaning of Village	Mass	-
Total		

9.6. Observation of National Science day

Date of Observation	Activities undertaken
28.02.2023	Awareness on why this day is important for all. Discuss on theme Integrated Approach in Science and Technology for a Sustainable Future. Discuss with farmers how science change in their life and way of cultivation.

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

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

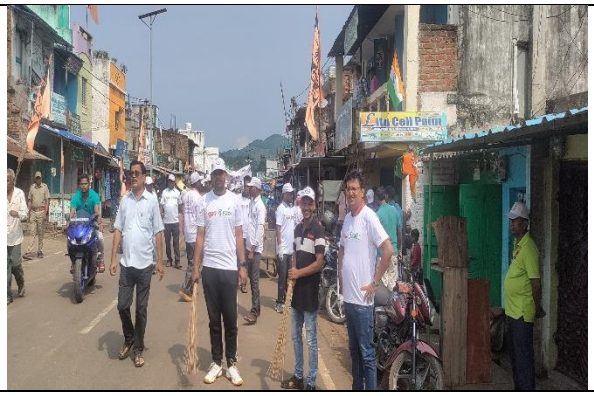
Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Doordarshan (Yes/ No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt.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

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwada programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleaning of office premises	2	36	-	-
2	Cleaning of road sides and collection of plastic wastes	2	25	-	-
3	Cleaning of school campus and create awareness among students	1	35	-	-

Cleaning of office premises



Cleaning of road side of R,Udayagiri town

Please provide good quality photographs:

9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
	Celebration of Mahila Kisan Diwas	6	75		

Please provide good quality photographs:

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
21.4.2021	IMD	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	KVK, Gajapati	Contingency crop planning for deficient rainfall situation, IDM, IPM	04	400 farmers through WhatsApp groups and 20180 farmers through SMS.	Diagnostic field visit, Review meeting in view of deficient rainfall in kharif 2023

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

a) Year:
b) Introduction / General Information:

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

Please provide good quality photographs:

11. Details of DAPST/ TSP

a. Achievements of physical output under TSP during 2023-24

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.	31	30	720	720
	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.	5	5	100	100
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.	5	5	50	50
4	**Awareness camps, exposure visits etc.**		No.	20	20	500	500
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	05	0.7	50	75
	5.2	Seeds (High Value Crops, spices etc.)	kg	NA	NA	NA	NA
	5.3	Seeds (Root & Tuber Crops)	tonnes	NA	NA	NA	NA
	5.4	Nursery plants	No.	75000	75000	1000	1000
	5.5	Cutting , slips, suckers, etc	No.	NA	NA	NA	NA
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	NA	NA	NA	NA
	5.7	Honey Bee Colonies	No.	NA	NA	NA	NA
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.	NA	NA	NA	NA
	5.9	Animals-small (pig, sheep, goat etc.)	No.	NA	NA	NA	NA
	5.1	Poultry chicks / duckling etc	No.				
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.	400	430	350	356
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.	40	40	40	40
	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	15 quintal	15 quintal	80	90
	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	0.3	0.3	12	12
	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.	2	2	50	50
	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.	72	72	360	360
	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.	4000	4500	800	925
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	Awareness programme on Natural Farming)		No.	76	76	9000	10055

b. Fund received under TSP in 2023-24 (Rs. In lakh):5.8

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2023

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

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.				
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.				
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.				
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes				
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.				
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
	5.9	Animals-small (pig, sheep, goat etc.)	No.				
	5.1	Poultry chicks / duckling etc	No.				
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
	5.14	Large Equipment's / machinery (> Rs. 25000)	No.				
	5.15	Infrastructure / Civil Works/ Ponds etc	No.				
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
	5.17	Land development/ Reclamation / Conservation	hectares				
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				

	5.19	Micro nutrients	tonnes				
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg				
	5.23	Plant growth Promoter	kg				
	5.24	Animal Feed	tonnes				
	5.25	Animal Fodder	tonnes				
	5.26	Animal medicines	doses				
	5.27	Any other (Liquid PSB etc.)	Litre				
6	**Services/Facilitation**						
	6.1	Animal Health Camps	No.				
	6.2	Artificial Insemination / Vaccination	No.				
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.				
	6.5	Promotion of agri-entrepreneurship	No.				
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				
	6.7	Creation of market links of farm produces	No.				
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	Distribution of Literature		No.				
8	Employment generation for livelihood		(Man-months)				
9	Fellowship, Stipends or Scholarship		No.				
10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable		No. of projects				
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)						
12	Any other (specify)						

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

13. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA): 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	Horticulture based IFS	1 acre	a. Production of planting material vegetable and fruits=200000 per annum b. Vegetables production: 80 quintals per annum c. Vermi compost production=10 quintals per annum	60000 40000 7000	a) 150000 b) 100000 c) 15000	10	7

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	1	Demonstration on Herbicides for Weed Control in Groundnut in rabi	The productivity as well as income of the beneficiaries was increased by adopting use of Herbicides for Weed Control in Groundnut in rabi Net Return 85188/-	10	
2					

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

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

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

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
10.11.2023	Sri Dasarathi Gamango	MLA, MOHANA (GAJAPATI).	

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

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

(Please provide good quality photographs)

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

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

22. Information on NARI Project (if applicable): NA

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

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

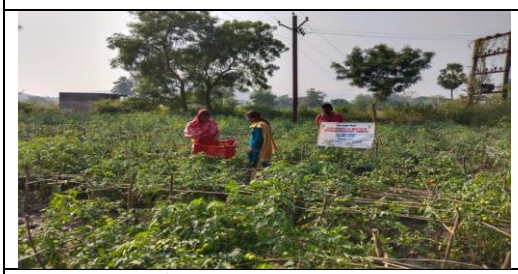
Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

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

Assessment of High Protein Rice Varieties

Assessment of fertilizer dose and plant population on growth and productivity of summer groundnut

Assessment of Weed Management in Pigeon pea



Assessment of multiple disease resistant tomato Var. Arka Samrat and Arka Abhed

Demonstration on yard long bean variety for tolerance to YMV

Demonstration on Herbicides for Weed Control in Groundnut in rabi

Demonstration on Management of Fall Army Worm in maize	Cultivation of Sunflower var. KBSH-53	Seedling production under poly house
		
Millet recipe contest	Cleaning of office premises	Training on bee keeping

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