PROFORMA FOR ANNUAL REPORT2021 (January-December 2021)

1. GENERAL INFORMATION ABOUT THE KVK

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

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

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. JyotirmayeeUdgata		9437403755	udgatajyoti@yahoo.com

1.4. Year of sanction of KVK:2006

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

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. JyotirmayeeUdgata	Sr. Scientist & Head	Home Science	22,320-39,100, AGP: Rs.8,000	17.05.2018	Temporary	Others
2	Subject Matter Specialist	Sri Monoj Kumar. Barik	Scientist	Extension Education	15600-39100	07.12.2006	Temporary	Other
3	Subject Matter Specialist	Dr. SumanKumari Joshi	Scientist	Animal Science	15600-39100	26.07.2017	Temporary	Other
4	Subject Matter Specialist	Vacant	-	-	-	-	-	-
5	Subject Matter Specialist	Vacant	-	-	-	-	-	-
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Vacant	-	-	-	-	-	-
9	Computer Programmer	Sri Bishnu Ranjan Padhi	Computer Programmer	B.E (Computer Sc.)	9300-34800	11.08.2014	Temporary	Others
10	Farm Manager	Ms. MadhuriToppo	Farm Manager	B.Sc (Ag)	9300-34800	16.12.2015	Temporary	ST
11	Accountant / Superintendent	Vacant						
12	Stenographer	Sri Pradip Ku. Nayak	Junior Steno cum Computer Operator	BA	5200-20200	23.12.2013	Temporary	Others
13.	Driver	Sri SamantaMallick	Driver	-	5200-20200	28.07.2015	Temporary	SC
14.	Driver	Manoj Kumar Sahoo	Driver	-	5200-20200	20.09.2017	Temporary	Others
15.	Supporting staff	Kamala Nag	Peon -cum - Watchman	-	4440-7440	29.07.2008	Temporary	SC
16.	Supporting staff	Akshya Ku. Swain	Peon -cum - Watchman	-	4440-7440	01.07.2014	Temporary	Others

1.6. **Total land with KVK (in ha) :**

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

Total area should be matched with breakup

1.7. **Infrastructure Development:**

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building	-	-	-	-	Completed	1500	Under Use	ICAR
2.	Farmers Hostel	-	-	-	-	Completed	1500	Under use	ICAR
3.	Staff Quarters (6)	-	-	-	-	Completed	1400	Under use	ICAR
4.	Piggery unit	-	-	-	-				
5	Fencing	-	-	-	-	Completed	--	Under Use	ICAR & RKVY
6	Rain Water harvesting structure	-	-	-	-	Completed	1800	Under Use	ICAR & RKVY
7	Threshing floor	-	-	-	-	Completed	600	Under Use	ICAR
8	Farm godown	-	-	-	-				
9.	Dairy unit	-	-	-	-				
10.	Poultry unit	-	-	-	-	Completed	20	Under Use	RKVY
11.	Goatary unit	-	-	-	-				

12.	Mushroom Lab	-	-	-	-	Completed	15	Under Use	RKVY
13.	Mushroom production unit	-	-	-	-				
14.	Shade house	-	-	-	-				
15.	Soil test Lab	-	-	-	-	Completed	20	Under use	ICAR
16	Others,Please Specify	-	-	-	-				
17	Vermicompost Unit	-	-	-	-	Completed	15	Under Use	RKVY
18	Poly House	-	-	-	-	Completed	80	Under Use	RKVY

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2017	8,00,000	68000	Good

C) **Equipment & AV aids**

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil Testing Lab. Equipment	2017	1700000	Good	ICAR
Mushroom Spawn production equipment	2011	250000	Good	RKVY
b. Farm machinery				
Tractor	2006	700000	Good	ICAR
c.AV Aids				
LCD	2012	50000	Good	ICAR
Television	2013	40000	Good	ICAR
Sound System	2011	50000	Good	ICAR
Conference table Audio System	2017	64000	Good	ICAR

D) Farm implements

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

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	05.01.2021	30	• Paddy variety Swarna Shreya (120-125 days) may be taken up in demonstration to prevent terminal drought situation with better yield	Front Line Demonstration of drought tolerant rice variety- Swarna Shreya (120-125 days) has been taken up in Kharif 2021 F.P.-Cultivation of rice variety Sahabhagidhan, 110 days duration, yield 30q /ha RP- Cultivation of rice variety Swarna Shreya, 120 days duration, yield 35q /ha	
			• Paddy variety Hasanta may be disseminated through interventions which is a BPH resistant variety	Front Line Demonstration of BPH tolerant Rice variety Hasanta has been taken up in Kharif 2021. FP- Cultivation of rice variety Pratikshya, 140 days duration, yield 40 q/ha RP- Cultivation of rice var. Hasanta (OR-2328-5) , 145 days duration, yield: 45q/ha	
			• Biofloc fish cultivation may be established in KVK with the help of Dept. of fishery, Jharsuguda	• Four no. of Biofloc units have been planned and sanctioned under OMBADC project to be executed OUAT, Bhubaneswar	

			• Bio fertified variety of rice may be demonstrated	Front Line Demonstration of BPH tolerant Rice variety Hasanta has been taken up in Kharif 2021. FP- Cultivation of rice variety Pratikshya, 140 days duration, yield 40 q/ha RP- Cultivation of rice var. Hasanta (OR-2328-5) , 145 days duration, yield: 45q/ha	
			• Convergence mode of working may be taken up where possible	• Research Extension Linkage Meetings are being conducted every month • Women SHG in Deopali village , Lakhanpur block has been trained on Mushroom Spawn Production in five days residential training at KVK . • The trained SHG has already started the spawn unit with financial support from OLM and technical support by KVK. • A project on "Study of Impact on of primary and secondary pollutants on soil and crop around Vedanta Ltd., Jharsuguda" has been taken up by NRRI, Cuttack. • KVK assisted in village identification, beneficiary selection, input distribution and diagnostic visit in peripheral villages of Vedanta Ltd. • Installation of device for air pollution measurement at KVK campus under the project by NRRI, Cuttack. • Technical guidance to project on "Jeevika Samridhi Yojana" operated in three villages – Siriapali, Gudigaon and Keldamal by SEWA and VEDANTA Ltd. • Technical support and capacity building under programmes of dept. of Agriculture	

			• Integrated farming system approach for more production may be encouraged	Three no. of IFS models are developed in villages- Durlaga, Saletikra and Bhursimal 1. Durlaga (Rice + Vegetables + Poultry + Fish) Farmer- Sri. Ashok Kumar Naik 2. Saletikra (Vegetables + Mango+ Vegetables + Poultry + Fish) Farm Woman – Smt. Sarojini Bhainsa 3. Bhursimal- (Vegetables+ Poultry + Goatery+ Mushroom) Farm Woman- Smt. N. Sarita	
			• Popularisation of poultry breed – Kadaknath& other color breeds for additional income.	Front Line Demonstration of Kadaknath poultry has been taken up in Rabi 2021-22 FP- Local poultry bird RP- Kadaknath birds attain body weight 1170 g at 20 weeks, average annual egg production 190 no.	

Members present in16th Scientific Advisory Committee Meeting (Dt.05.01.2021)

1	Prof. Pawan Kumar Agrawal, Hon'ble Vice-Chancellor, OUAT	Chairman
2	Prof. Lalit Mohan Garnayak, Dean Extension Education, OUAT	Chief Guest
3	Dr. F.H Rahman,Principal Scientist,ICAR-ATARI, Kolkata	Member
4	Dr. S.K Srivastav, Director, ICAR-CIWA, Bhubaneswar	Member
5	Sri Balbir Singh Sawariyan, CDAO, Jharsuguda	Member
6	Dr. BibhutiBhusan Pattanaik, ADVO , Jharsuguda	Member
7	Sri Sudam Chandra Biswal, ADH, Jharsuguda	Member
8	Sri S.P Mohapatra, DDM, NABARD, Sundergarh	Member
9	Smt. Binapani Naik, District Fishery Officer, Jharsuguda	Member
10	Sri Dayanidhi Kisan, LDM, Jharsuguda	Member
11	Sri Siba Charan Jethy, APD, Watershed Jharsuguda	Member
12	Ms. Suprava Seth, DSWO, Jharsuguda	Member
13	Sri Prabhudutta Pujari, AIR, Sambalpur	Member

14	Sri Rajkumar Sethy, AHO, Jharsuguda	Member
15	Sri Bighanaraj Chand, ASCO, Jharsuguda	Member
16	Dr. Gopal Chandra Mohapatra, TMACP, DMF, Jharsuguda	--
17	Dr. Prasanajit Mishra, JDE, OUAT, Bhubaneswar	
18	Dr. Mahamaya prasad Nayak, JDE, OUAT, Bhubaneswar	
19	Dr. Hemanta Kumar Sahu, JDE, OUAT, Bhubaneswar	
20	Dr. Laxmipriya Pradhan,Sr. Scientist & Head, KVK, Sundergarh-I	--
21	Dr. Manasi Bhol, Sr. Scientist & Head, KVK, Sundergarh-II	--
22	Sri Susil Kumar Dash, Secretary SEWA, Kolabira	Member
23	Sri Nalini Patel, Progressive Farm women, Keldamal, Jharsuguda	Member
24	Sri Ashok Kumar Naik, Progressive Farmer, Durlaga, Jharsuguda	Member
25	Sri Susanta Kumar Naik, Progressive Farmer, Ghantamal, Jharsuguda	Member
26	Smt. Janhabi Naik,Progressive Farm women,Ghantamal, Jharsuguda	Member
27	Dr. Suman Kumari Joshi, Scientist (Animal Science), KVK, Jharsuguda	--
28	Sri Monoj Kumar Barik, Scientist (Ag. Extn.), KVK, Jharsuguda	
29	Ms. Dibyajyoti Parida, SRF, NICRA	--
30	Dr. J Udgata, Sr. Scientist & Head, KVK, Jharsuguda	Member -Secretary

2.a. District level data on agriculture, livestock and farming situation (2021)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rainfed
2	Agro-climatic Zone	Western Central Table Land Zone and North Western Plateau Zone
3	Agro ecological situation	Undulating sub mountainous tract rainfed,Plateau Rainfed Lateritic low rainfall.
4	Soil type	The soil is mostly lateritic. Red and Yellow soils are found in small patches of Kolabira block only. Soil reaction is generally acidic in Jharsuguda, Lakhanpur and Kirimira and almost neutral in Laikera and Kolabira block.
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy-1944kg/ha,Maize-2485kg/ha,Greengram- 430kg/ha, Blackgram-394kg/ha, Groundnut-1268kg/ha, Sesamum-374kg/ha, Potat-15560kg/ha, Onion- 9620kg/ha, Chilli-988kg/ha, Turmeric-6143kg/ha, Ginger-5259kg/ha.
6	Mean yearly temperature, rainfall, humidity of the district	42˚ C & 12˚ C, 1362.8mm, 55%
7	Production of major livestock products like milk, egg, meat etc.	Milk- 14.41 000'MT, Meat- 1256.55MT, Egg- 9.75 Million, 5421 MT

2.b. Details of operational area / villages (2021)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1		Jharsuguda	Durlaga	Paddy, Greengram, Brinjal, Tomato, Potato	Paddy-Local variety, disease and pest incidence, Weed problem Greengram-Local variety, disease and pest incidence. Brinjal- Local variety, disease and pest incidence Tomato- Local variety, disease and pest incidence Potato- Blight problem and local variety.	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.
2		Kolabira	Ghantamal	Paddy, Sesamum, Potato, Onion, Cauliflower,	Paddy-Local variety, disease and pest incidence, Weed problem Sesamum-Local variety, disease and pest incidence. Tomato- Local variety, disease and pest incidence Potato- Blight problem and local variety. Onion- Low yield due to local variety. Cauliflower- Local variety, disease and pest	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.
3		Kirmira	Kadabahal	Paddy,Greengram, Brinjal, Tomato, Potato	Paddy-Local variety, disease and pest incidence, Weed problem Greengram-Local variety, disease and pest incidence. Brinjal- Local variety, disease and pest incidence Tomato- Local variety, disease and pest incidence Potato- Blight problem and local variety.	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.

4		Laikera	Patrapali	Paddy,Sesamum, Brinjal, Tomato	Paddy-Local variety, disease and pest incidence, Weed problem Sesamum-Local variety, disease and pest incidence. Tomato- Local variety, disease and pest incidence Brinjal- Local variety, disease and pest incidence	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.
5.		Lakhanapur	Kureimal	Paddy, Greengram, Groundnut, Potato, Tomato, Ginger, Pointed gourd.	Paddy-Local variety, disease and pest incidence, Weed problem Greengram-Local variety, disease and pest incidence. Brinjal- Local variety, disease and pest incidence Tomato- Local variety, disease and pest incidence Groundnut- Local variety, Tikka disease Potato- Blight problem and local variety. Ginger- Rhizome rot, local variety Pointed Gourd- Root rot, local variety,	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management.
6.		Laikera	Rengali	Paddy, Greengram, Groundnut,Cauliflower,Brinjal, Tomato, Potato, Chilli	Paddy-Local variety, disease and pest incidence, Weed problem Greengram-Local variety, disease and pest incidence. Groundnut-Local variety, disease and pest incidence Tomato- Local variety, disease and pest incidence Potato- Blight problem and local variety Ginger- Rhizome rot, local variety Chilli- Leaf curl virus, Local variety and wilting.	➢ Varietal replacement ➢ Disease and pest management ➢ Weed management ➢ Integrated nutrient management. ➢ Post harvest management

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2020) for its development and action plan

Name of village	Block	Activities taken up for development
Tharkaspur	Jharsuguda	Execution of action plan 2020-21
Gudigaon	Kolabira	Execution of action plan 2020-21
Kureimal	Lakhanapur	Execution of DFI and other intervention as per action plan 2020-21
Jamera	Jharsuguda	Execution of action plan 2020-21
Siriapalli	Kolabira	Execution of action plan 2020-21

2.1 Priority thrust areas

S. No	Thrust area
1.	• Crop diversification and varietal replacement
2.	• Integrated Nutrient Management
3.	• Production of quality planting materials
4.	• IPM, IDM & IWM in rice
5.	• Women empowerment through Income Generating Activities
6.	• Promotion of Nutritional garden
7.	• Breed up-gradation of livestock and poultry
8.	• Livestock disease management
9.	• Production of organic inputs and promotion of organic farming
10.	• Nursery raising of vegetable seedlings and its management

11.	• Cultivation of High value & commercial horticultural crops
12.	• Post-harvest technology and value addition of fruits and vegetables
13	• Market led production strategies
14	• Promotion of Integrated farming system
15	• Formation and strengthening of FPOs

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD											
No. of technologies tested:												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
7	7	49	2	1	2	2	28	14	32	17	49	17	17	162	10	5	24	11	80	32	114	38	162

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
39	39	940	292	413	29	59	29	118	350	590	940	154	154	3500	85	65	119	91	1501	1153	1705	1309	3012

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
55	55	2	1	4	2	8	3	14	6	20	72	72	5	2	9	4	12	5	26	11	37

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
2.0	1.35	0.50	0.31443

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.15	0.1448	0.0003	0.0003

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter	2	1000	-	-	-	-	-
Popular Articles							
Book Chapter	1	Maas	-	-	-	-	-
Extension Pamphlets/ literature	1	500	-	-	-	-	-
Technical reports							

Electronic Publication (CD/DVD etc)	1	Maas	-	-	-	-	-
TOTAL	5						

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	**Assessment of different planting times for fetching better market price of tomato**
2.	Problem diagnosed	Distress sale due to at a time seasonal planting resulting market glut
3.	Details of technologies selected for assessment/refinement	FP -Farmers plant the seedlings in the first week of October (Normal sowing time) T O_1-Advancing planting time by 15 days to help in capturing higher market price in initial period T O_2-Delaying of planting time by 15 days to help in capturing higher market price
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	T O_1 – IARI, New Delhi T O_2 – IARI, New Delhi
5.	Production system and thematic area	Market led production
6.	Performance of the Technology with performance indicators	Better market price
7.	Final recommendation for micro level situation	Advancing of planting time by 15 days to help in capturing higher market price in initial period
8.	Constraints identified and feedback for research	Needs care for nursery management
9.	Process of farmers participation and their reaction	Early planting gives better price of produce

Thematic area: Market led production

Problem definition: Distress sale of tomato in Rabi season due to one time peak production

Technology assessed: Assessment of different planting times for better market price of tomato

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fruits/plant	--	--						
FP	7	22			--	220	85000	220000	130000	2.4
TO1	7	18			--	180	86500	460000	358000	4.5
TO2	7	24			--	204	85000	295000	200000	3.1

Results: Early planting gives better price of produce

OFT-2

1.	Title of On farm Trial	**Assessment of store grain pest management practices in Greengram**
2.	Problem diagnosed	Storage loss due to store grain pest infestation
3.	Details of technologies selected for assessment/refinement	FP -Storing in gunny bags T O_1- Use of TNAU Pit fall trap T O_2-Storing in grain pro super bag
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	T O_1 – TNAU, 2011 T O_2– IRRI, 2013
5.	Production system and thematic area	Post Harvest Management
6.	Performance of the Technology with performance indicators	Storing grain in pro super bag is cost effective than other
7.	Final recommendation for micro level situation	Storing grain in pro super bag
8.	Constraints identified and feedback for research	--

9.	Process of farmers participation and their reaction	Adopted by the farmers

Thematic area: Post harvest Management

Problem definition: Storage loss due to store grain pest infestation

Technology assessed: Store grain pest management practices in Greengram

Table:

Technology option	No. of trials	Yield component			Stored pest incidence (%)	Yield (kg/bag)	Cost of cultivation (Rs./qntl)	Gross return (Rs/qntl.)	Net return (Rs./ha)	BC ratio
FP	10	-	-	-	27	63	10	3150	3140	--
T O_1	10	-	-	-	8	92	50	4600	4550	--
T O_2	10	-	-	-	4	96	60	4800	4740	--

Results:

OFT-3

1.	Title of On farm Trial	**Assessment of Oyster mushroom species for cold tolerance**
2.	Problem diagnosed	Low yield from prevailing strains of oyster mushroom during extreme cold Condition (below 20^0 C)
3.	Details of technologies selected for assessment/refinement	FP - Cultivation with sp. *Pleurotus sajarcaju* BE- 72% below 20^0 C temperature T O_1-Cultivation with sp. *Pleurotus florida*, T O $_2$-Cultivation with sp. *Hyspigygus ulmarius*
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	T O_1 – CTMRT, OUAT T O_2– CTMRT, OUAT
5.	Production system and thematic area	Mushroom production

6.	Performance of the Technology with performance indicators	Cultivation with sp. *Hyspigygusulmarius* gives 2.1kg/bed yield with higher bio efficiency
7.	Final recommendation for micro level situation	Cultivation with sp. *Hyspigygusulmarius* gives more yield in extreme cold condition
8.	Constraints identified and feedback for research	*Hyspigygusulmarius* is fibrous and harder so intervention on drying in commercial scale may be intervened
9.	Process of farmers participation and their reaction	Farmers are happy with the performance of *Hyspigygusulmarius* in extreme cold condition

Thematic area: Mushroom production

Problem definition: Low yield during extreme cold due to non-availability of suitable cold tolerant species/varieties

Technology assessed: Assessment of high yielding species of oyster mushroom in extreme cold (below 20^0 C)

Table:

Technology option	No. of trials	Yield component		Gross return (Rs/Bed)	Net Income/month/animal (Rs.)	BC ratio
		Yield/bed in kg	Bio Efficiency (%)			
FP	7	1.2	43.0	120	80	3.20
TO1	7	2.0	64.0	200	160	4.8
TO2	7	2.2	71.0	220	180	5.3

Results: Cultivation with sp. *Hyspigygusulmarius*gives more yield i.e 2.2 kg/bed in extreme cold condition

OFT-4

1.	Title of On farm Trial	**Assessment of fixed time A.I. to improve reproduction efficiency of non-descript cows**
2.	Problem diagnosed	Lower reproduction efficiency leading to less calf crop and less total milk yield in nondescript cows
3.	Details of technologies selected for assessment/refinement	FP -Traditional heat detection & A.M.-P.M. rule followed for A.I. T O_1-Intra Muscular injection of Progesterone (PGF2α)

		T O $_2$-Day1- Intra Muscular injection of Gonadotropin Releasing Hormone (GnRH), 9th day- Progesterone (PGF2α) Intra Muscular after 48-72 hours A.I.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	T O_1 – NDRI 2013 T O_2– NDRI 2013
5.	Production system and thematic area	Dairy and reproduction management
6.	Performance of the Technology with performance indicators	Day1- Intra Muscular injection of Gonadotropin Releasing Hormone (GnRH), 9th day- Progesterone (PGF2α) Intra Muscular after 48-72 hours A.I gives Milk Yield/ /Animal/300 days -1700 Litre
7.	Final recommendation for micro level situation	Intra Muscular injection of Gonadotropin Releasing Hormone (GnRH), 9th day- Progesterone (PGF2α) Intra Muscular after 48-72 hours A.I
8.	Constraints identified and feedback for research	--
9.	Process of farmers participation and their reaction	Accepted by the farmers

Thematic area: Dairy Management

Problem definition: Lower reproduction efficiency leading to less calf crop and less total milk yield in nondescript cows

Technology assessed: Fixed time A.I. to improve reproduction efficiency of non-descript cows

Table:

Technology option	**No. of trials**	**Yield component**			**Milk Yield/ /Animal/300 days (Litre)**	**Gross Cost**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		Non return rate (%)	**Service period (Days)**	**Conception percentage (%)**					
FP		50	120	40	1500	18000	60000	42000	3.3
T O_1	10	90	60	80	1700	18500	68000	49500	3.6
T O_2	10	90	60	90	1700	18700	68000	49300	3.6

Results: Intra Muscular injection of Gonadotropin Releasing Hormone (GnRH), 9th day- Progesterone (PGF2α) Intra Muscular after 48-72 hours A.I give more conception percentage (90%)

OFT-5

1.	Title of On Farm Trial	Comparative assessment of multi-enzyme mixture and probiotics separately on growth performance of chickens in semi-intensive rearing system
2.	Problem diagnosed	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**FP-** Scavenging and commercial grain feeding **TO-1:** Feeding of grain, broken rice (added with probiotic mixture @ 0.05%) and free range feeding for improved gut health and nutrient utilization **TO2.:** Feeding of grain, broken rice (added with multi-enzyme mineral mixture @ 0.05%) and free range feeding improved nutrient utilization
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT
5.	Production system and thematic area	Homestead
6.	Performance of the Technology with performance indicators	--
7.	Final recommendation for micro level situation	Feeding of grain, broken rice (added with multi-enzyme mineral mixture @ 0.05%) and free range feeding improved nutrient utilization
8.	Constraints identified and feedback for research	--
9	Process of farmers participation and their reaction	Accepted by the farmers

Results:

Technology option	No. of trials	Yield component			Disease incidence (%)	Body weight/bird /6 month	Cost of cultivation (Rs./Bird)	Gross return (Rs./Bird)	Net return (Rs./Bird)
		--	--	--					
FP	7	----	--	--	16	1.8 kg	72	324	
$T O_1$	7	--	--	--	8	2.2 kg	84	396	
$T O_2$	7	--	--	--	5	2.6 kg	94	468	

OFT-6

1.	Title of On Farm Trial	Assessment of enrichment and preservation of agro byproduct for animal feeding
2.	Problem diagnosed	Poor nutritional status of animals due to lack of knowledge in enrichment of predominant feed component: rice/maize straw during lean period
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers Practice (FP):** Feeding of rice straw as predominant component of feed along with grazing on community land **Technology option-I (TO-I):** Feeding of urea treated straw, (Dissolving of 4 kg urea in 10 litre water, sprinkle the solution over 100 kg of chopped straw (2-3 cm in size) in layers covered anaerobically with polythene sheet for 3-4 weeks. Gradual replacement of straw with urea treated straw for feeding) **Technology option-II (TO-II):** Feeding of maize silage **(** Maize fodder chaffed to 2-3 cm inoculated with lactobacillus spp. anaerobically packed in plastic bag for 38-42 days)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**i.** AICRP on UAE at CAET,OUAT 2015-16
5.	Production system and thematic area	Dairy and Feed management
6.	Performance of the Technology with performance indicators	Lactation milk yield/300 days-1700 Litre
7.	Final recommendation for micro level situation	Feeding of maize silage gives milk yield/300 days-1700 Litre
8.	Constraints identified and feedback for research	--
9.	Process of farmers participation and their reaction	Accepted by the farmers

Thematic area: Feed Management

Problem definition: Poor nutritional status of animals due to lack of knowledge in enrichment of predominant feed component: rice/maize straw during lean period

Technology assessed: Enrichment and preservation of agro by-product for animal feeding

Table:

Technology option	No. of trials	Yield component		Lactation milk yield/300 days (Litre)	Cost of cultivation (Rs./Animal)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Lactation milk yield/300 days (Litre)	Body condition score					
FP	7	1200	2.6	1200	15000	48000	33000	3.2
T O_1	7	1500	3.1	1550	16000	62000	46000	3.9
T O_2	7	1700	3.1	1750	16500	70000	54000	4.2

Results: Feeding of maize silage gives more return with B.C ratio 4.2

OFT-7

1.	Title of On Farm Trial	Assessment of comparative performance of Kaveri and Vanaraja poultry in backyard system
2.	Problem diagnosed	Low production potential(egg and Meat) diagnosed of desi birds along with low income due to predation in backyard
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**FP-** Rearing of desi birds **TO-I:** Rearing of Kaveri bird, Adult body wt.-2.2kg in , Livability-87% **TO-2:** Rearing of Vanaraja, Adult body wt.-2.2 kg, , Livability-70%
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**CIFA 2017**
5.	Production system and thematic area	Backyard Poultry Rearing , Poultry production

6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	Kaveri bird body wt. 2.9kg/6 month
8.	Constraints identified and feedback for research	--
9.	Process of farmers participation and their reaction	Accepted by the farmers

Thematic area:

Problem definition: Low production potential diagnosed of desi birds along with low income due to predation in backyard

Technology assessed: Performance of Kaveri and Vanaraja poultry in backyard system

Table:

Technology option	No. of trials	Yield component			Body weight/bird/6 month (Kg.)	Cost of cultivation (Rs./Bird)	Gross return (Rs/Bird)	Net return (Rs./Bird)	BC ratio
		FCR	Disease incidence (%)	--					
FP	7	3.1	17	--	1.8	100	450	360	4.5
T O_1	7	2.15	7	--	2.9	130	725	595	5.57
T O_2	7	2.3	4	--	2.7	130	675	545	5.2

Results: Kaveri bird body wt. 2.9kg/6 month with higher income

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.	Rice	Crop Production	Cultivation of rice variety Swarna Shreya, Duration 120-125 days, potential yield 4.5-5.0 t/ha	2.0	2.0	1	0	2	0	5	2	8	2	10	
2.	Rice	Crop Production	Rice variety Hasanta (OR-2328-5), suitable for rainfed medium land 145 days duration, Avg. yield: 5.5 t/ha, Tolerant to BPH, WBPH, Blast, Leaf folder	2.0	2.0	0	0	3	1	5	1	8	2	10	
3.	Rice	Crop Production	Application of pendimethalin @ 750 g/ha as pre-emergence application i.e 0-3 DAT followed by Bispyribac sodium @ 25 g/ha as post-emergence i.e 25 DAT	2.0	2.0	1	0	3	0	6	0	10	0	10	
4.	Rice	Crop Production	CR Dhan310, Protein rich(10.2% protein), potential yield 5.0t/ha, duration-125 days	2.0	2.0	0	0	3	0	5	2	8	2	10	
5.	Sweet Corn	Crop Production	Cultivation of Sweet corn var. Sugar-75	1.0	1.0	1	0	2	0	5	2	8	2	10	
6.	Tomato	Vegetable Production	Demonstration of triple resistant Tomato variety- Arka Rakshak	1.0	1.0	1	0	2	1	4	2	7	3	10	
7.	Marigold	Floriculture	Number of flowers per plant (128 flowers/plant). The flowers are attractive, orange in colour, compact and found suitable for making garland, Flower dia-4. cm	1.0	0.4	0	1	0	2	5	2	5	5	10	
8	Vegetable	Vegetable Production	Round the year planning with leafy vegetables, Solanaceous vegetables, leguminous crops, cucurbits + Papaya, Lemon, drumstic, Banana and marigold in bunds	1.0	0.4	0	1	0	2	0	7	0	0	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					
Rice	Kharif 21	Rainfed	Red-lateritic	-	-	-	Paddy	28.06.2021	24.10.21	988	47
Rice	Kharif 21	Rainfed	Red-lateritic	-	-	-	Paddy	03.07.2021	14.11.21	988	47
Rice	Kharif 21	Rainfed	Red-lateritic	-	-	-	Paddy	07.07.2021	18.11.21	988	47
Rice	Kharif 21	Rainfed	Red-lateritic	-	-	-	Paddy	08.07.2021	14.11.21	172	12
Sweet Corn	Rabi 20-21	Irrigated	Red-lateritic	-	-	-	Paddy	12.12.2020	21.02.21	172	12
Tomato	Rabi 20-21	Irrigated	Red-lateritic	-	-	-	Paddy	14.10.2020	27.12.20	172	12
Marigold	Kharif 21	Rainfed	Red-lateritic	-	-	-	Paddy	17.08.2021	21.10.21	988	47
Vegetable	Kharif 21	Rainfed	Red-lateritic	-	-	-	Paddy	27.07.2021	03.10.21	988	47

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Greengram	Varietal replacement	Demonstration of suitable short duration YMV tolerant high yielding variety of green gram-IPM-02-14	10	2.0	7.6	5.7	33	24000	45000	21000	1.9	21000	34200	13200	1.6
	Total		10	2.0	7.6	5.7									

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

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Rice	Crop Production	Demonstration of drought tolerant rice variety	10	2.0	35	30	16	No. of tillers/ hill-14	No. of tillers/ hill-11	40000	66500	26500	1.66	40000	57000	17000	1.43
Rice	Crop Production	Demonstration of BPH tolerant rice variety in medium land	10	2.0	45	40	12	Panicle length(cm)-22.6	Panicle length(cm)-21.4	43000	85500	42500	1.99	43000	76000	33000	1.77
Rice	Crop Production	Demonstration of protein rich rice variety CR Dhan -310	10	2.0	44	41	7	No. of tillers/ hill-17	No. of tillers/ hill-14	43000	83600	40600	1.94	43000	77900	34900	1.81

Rice	Crop Production	Demonstration of herbicides for weed management in transplanted rice in medium land	10	2.0	50	45	11	Dry matter of weed (g/m^2)-8.8	Dry matter of weed (g/m^2)-27	44000	95000	51000	2.16	43000	85500	42500	1.99
Sweet Corn	Crop Production	Demonstration of sweet corn var. Sugar-75 in upland	10	1.0	96	85	12.94	Green Cob weight in gm-290	Green Cob weight in gm-185	90000	240000	150000	2.66	70000	127500	57500	1.82
Tomato	Vegetable Production	Demonstration of triple resistant Tomato variety- Arka Samrat	10	1.0	538	382	40.83	Wilting %-12	Wilting %-40	90000	269000	179000	2.98	80000	191000	111000	2.38
Marigold	Floriculture (Kharif 21)	Demonstration of Marigold variety –Bidhan Marigold 2	10	1.0	120	86	39	No of flowers/ plant -105	No of flowers/ plant -82	80000	360000	280000	4.5	60000	189200	129200	3.1
Vegetable	Vegetable Production Floriculture (Kharif 21)	Demonstration of Nutritional Garden for ensuring Nutritional Security of farm families	10	1.0	2.6 kg /5cent/ day	1.5 kg /5 cent /day	73.3	Per capita consumption /day-400 gm.	Per capita consumption /day-300 gm.	3000	15000 (7.5q/5 cent @ Rs.20/kg)	12000	4.0	2500	8000 (4 q/5 cent @ Rs.20/ kg)	5500	3.2
	Total		80	12													

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
Poultry	IGA	Kadaknath birds attain body weight at 20 weeks 1170 gms, average annual egg production 190, production parameters show tolerance to acute stress conditions	10	10	2.1kg body. wt/bird /6month	1.8kg body. wt/bird /6month	16	-	-	200/ bird	1050 /bird	850/ bird	5.2	130/ bird	570/ bird	440/ bird	4.3
Poultry	IGA	Brooding management for 21 days with floor space of 0.3 sqft/bird with help of chick guards, artificial heat @ 1-3 watt per chick , feeders and drinkers @ 1 each	10	6	250 gm. body. wt/bird /21 days	180 gm. body. wt/bird /21 days	38	Mortality (%)-5	Mortality (%)-22	160/ 10 bird	495/ 10 bird	335/ 10 bird	3.0	150/ 10 bird	280/ 10 bird	130/ 10 bird	1.8

Duckery	IGA	Brooding management for 21 days under deep litter system with provision of electrolyte and vitamin supplementation	10	10	2.5kg body wt./bird/ 6month	2.0kg body wt./bird/ 6month	25	-	-	130/ bird	625/ bird	495/ bird	4.8	120/ bird	440/ bird	320/ bird	3.6
Quail	IGA	Floor space required 150 cm2 / bird. Brooding is required upto 4 weeks of age. Feed: Avg 20g/day	10	10	250 gm. body. wt/bird /1 month	200 gm. body. wt/bird /1 month	13	Marketing age (%)-6 week	Marketing age (%)-3 month	32/bird	100/ bird	68/bird	3.1	20/bird	55/bird	35/bird	2.7
Poultry	Poultry Rearing	Demonstration of Azolla supplementary feeding to Poultry	10	10	1.6 kg/bird/4 month	1.2kg/bird/4 month	33.3	-	-	95/bird	480/ bird	385/ bird	5.1	78/bird	360/ bird	282/ bird	4.6
Total			50	46													

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
IMC	IGA	IMC culture with proper stocking ratio	10	2	19q/ha	15q/ha	26	--	--	65000	285000	220000	4.5	55000	225000	170000	4.1
	Total		10	2													

* 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
Poly tunnel for nursery raising	Low cost poly tunnel comprising of 8 pieces of bent iron rod(6 mm) of length 2.5 mt., fixed to soil at the side of the nursery bed with a spacing of 2 ft. The length and breadth of the tunnel are 14 ft and 3 ft respectively.	10	2	Germination percentage -94	Germination percentage -78	11	Seedling survival (%)-93	Seedling survival (%)-75	1750	4650	2900 per 5000 vegetable seedling raised	2.7	1700	3750	2050 per 5000 vegetable seedling raised	2.2

Low cost poly chamber for Banana ripening	Demonstration on low cost poly chamber for Banana ripening	2	2	Shelf life-6 days	Shelf life-2 days	200	Black patches loss-5%	Black patches loss-18%	700/q	2850 (95 kg Banana @ Rs.30/kg) For 1 q Banana	2150	4.1	680/q	2050 (82 kg Banana @ Rs.25/kg) For 1 q Banana	1370	3.1
Total		12	4													

* 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										
Sweet Corn	Sugar 75	10	1.0	9600	8500	12.9	90000	240000	150000	2.66
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										

Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato	Arka Rakshak	10	1.0	53800	38200	40.8	90000	269000	179000	2.98
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total		20	2.0							

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Rice	Accepted by farmers
2	Rice	The Paddy variety Hasanta is BPH tolerant, reduces the loss from BPH attack
3	Rice	Protein rich rice variety CR Dhan 310 is well accepted by the farmers
4	Rice	Bispyribac Sodium weedicide is effective to control weed in medium transplanted rice
5	Sweet Corn	The net return is more than the maize and well adopted by the farmers
6	Tomato	Triple resistant Tomato variety- Arka Rakshak is accepted by farmers
7	Marigold	The net return is more and accepted by farmers
8	Vegetable	Nutritional Garden ensuring Nutritional Security of farm families and accepted by farm women
9	Poultry	The Kadknath breed is well accepted by the farmers for higher price
10	Poultry	Artificial brooding significantly lowers mortality rate and improves livability
11	Duckery	Khaki Campbell is more profitable as having high production potential in terms of egg production and body weight gain
12	Quail	Early maturing Quail birds start laying at 6 weeks of age hence voluntary waiting period for marketing is shortened

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	Rabi 2020-21, Kharif 21	4	120	Sweetcorn,Marigold Poultry-Kadaknath . Duckery
2.	Farmers Training	Rabi 2020-21, Kharif 21	24	600	Paddy,Pulse, vegetables, livestock and fishery
3.	Media coverage	Rabi 2020-21, Kharif 21	1	Mass	Poultry - Kadaknath
4.	Training for extension functionaries	Rabi 2020-21, Kharif 21	3	30	Market led extension, ICT and Livestock management

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

A. Technical Parameters:

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

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/household)

D. Oilseed Farmers' perception of the intervention demonstrated

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

E. Specific Characteristics of Technology and Performance

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

F. Extension activities under FLD conducted:

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

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut – 10 ha (Summer 2021-22)	i) Critical input	Not released	--	--
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total			

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	3	15	29	44	5	13	18	5	8	13	25	50	75
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total	3	15	29	44	5	13	18	5	8	13	25	50	75
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													

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
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
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													

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
Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others (Goat Management)	1	7	17	24	1	0	1	0	0	0	8	17	25
Total	1	7	17	24	1	0	1	0	0	0	8	17	25
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
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													

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
management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	8	6	14	0	5	5	0	6	6	8	17	25
WTO and IPR issues													
Others													
Total	1	8	6	14	0	5	5	0	6	6	8	17	25
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	5	30	52	82	6	18	24	5	14	19	41	84	125

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	1	0	15	15	0	0	0	0	0	0	0	15	15
Planting material production													
Vermiculture													
Mushroom Production	1	0	6	6	0	2	2	1	1	1	1	9	10
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Potential entrepreneurship avenues in vegetable production	1	0	5	5	0	4	4	0	6	6	0	15	15

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total	3	0	26	26	0	6	6	1	7	7	1	39	40

C) Extension Personnel (on campus)

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

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	13	12	25	0	0	0	0	0	0	13	12	25
Resource Conservation Technologies													
Cropping Systems	1	10	14	24	1	0	1	0	0	0	14	11	25
Crop Diversification	1	8	15	23	0	1	1	0	1	1	8	17	25
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	14	9	23	1	0	1	1	0	1	16	9	25
Soil & water conservation													
Integrated nutrient Management	2	10	20	30	0	12	12	1	7	8	11	39	50
Production of organic inputs	1	6	14	20	0	1	1	0	4	4	6	19	25
Others													
Total	7	61	84	145	2	14	16	2	12	14	68	107	175

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	0	24	24	0	0	0	0	1	1	0	25	25
Off season vegetables	1	0	5	5	0	1	1	1	18	19	1	24	25
Nursery raising	2	27	10	37	0	1	1	0	2	2	27	23	50
Exotic vegetables													
Export potential vegetables	1	12	1	13	0	0	0	10	2	12	22	3	25
Grading and standardization													
Protective cultivation													
Others (Nutritional Garden Management)	1	0	23	23	0	0	0	0	2	2	0	25	25
Total (a)	6	39	63	102	0	2	2	11	25	36	50	100	150
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants	1	0	25	25	0	0	0	0	0	0	0	25	25
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology	1	25	0	25	0	0	0	0	0	0	25	0	25
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology 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 (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	1	13	1	14	3	1	4	5	2	7	21	4	25
others													
Total	1	13	1	14	3	1	4	5	2	7	21	4	25
IV. Livestock Production and Management													
Dairy Management	3	34	24	58	4	6	10	5	2	7	43	32	75
Poultry Management	1	10	2	12	4	6	10	5	2	2	19	6	25
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others (Goat Management)	1	7	17	24	1	0	1	0	0	0	8	17	25
Total	5	51	43	94	9	12	21	10	4	9	70	55	125
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	1	13	3	16	0	0	0	7	2	9	20	5	25
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Nutritional Garden	1	0	0	0	0	0	0	15	10	25	15	10	25
Women and child care													
Mushroom cultivation	3	18	42	60	3	5	8	1	6	7	22	53	75
Total	5	31	45	76	3	5	8	23	18	41	57	68	125
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	1	7	15	22	0	0	0	1	2	3	15	10	25
Integrated Disease Management	1	0	25	25	0	0	0	0	0	0	0	25	25
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	2	7	40	47	0	0	0	1	2	3	15	35	50
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	14	7	21	0	0	0	4	0	4	18	7	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Formation and Management of SHGs	1	23	0	23	0	2	2	0	0	0	0	25	25
Mobilization of social capital	1	0	23	23	0	0	0	0	2	2	0	25	25
Entrepreneurial development of farmers/youths	1	15	6	21	0	0	0	4	0	4	19	6	25
WTO and IPR issues	1	13	7	20	1	0	1	2	2	4	11	14	25
Others (ICT in Agriculture)	1	15	9	24	0	0	0	1	0	1	16	9	25
Total	6	80	52	132	1	2	3	11	4	15	64	86	150
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	31	269	327	596	15	35	50	58	65	118	324	451	775

E)RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

F) Extension Personnel (Off Campus)

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

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	4	28	41	69	5	13	18	5	8	13	38	62	100
Resource Conservation Technologies													
Cropping Systems	1	10	14	24	1	0	1	0	0	0	14	11	25
Crop Diversification	1	8	15	23	0	1	1	0	1	1	8	17	25
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	14	9	23	1	0	1	1	0	1	16	9	25
Soil & water conservation													
Integrated nutrient Management	2	10	20	30	0	12	12	1	7	8	11	39	50
Production of organic inputs	1	6	14	20	0	1	1	0	4	4	6	19	25
Others													
Total	10	76	113	189	7	27	34	7	20	27	93	157	250
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	0	24	24	0	0	0	0	1	1	0	25	25
Off0season vegetables	1	0	5	5	0	1	1	1	18	19	1	24	25
Nursery raising	2	27	10	37	0	1	1	0	2	2	27	23	50
Exotic vegetables													
Export potential vegetables	1	12	1	13	0	0	0	10	2	12	22	3	25
Grading and standardization													
Protective cultivation													
Others (Nutritional Garden)	1	0	23	25	0	0	0	0	2	2	0	25	25
Total (a)	6	39	63	104	0	2	2	11	25	36	50	100	150
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants	1	0	25	25	0	0	0	0	0	0	0	25	25
Propagation techniques of Ornamental Plants													
Others													
Total (c)	1	0	25	25	0	0	0	0	0	0	0	25	25
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology	1	25	0	25	0	0	0	0	0	0	25	0	25
Processing and value addition													
Others													
Total (f)	1	25	0	25	0	0	0	0	0	0	25	0	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	1	13	1	14	3	1	4	5	2	7	21	4	25
others													
Total	1	13	1	14	3	1	4	5	2	7	21	4	25
IV. Livestock Production and Management													
Dairy Management	3	34	24	58	4	6	10	5	2	7	43	32	75
Poultry Management	1	10	2	12	4	6	10	5	2	2	19	6	25
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others (Goat Management)	1	7	17	24	1	0	1	0	0	0	8	17	25
Total	5	51	43	94	9	12	21	10	4	9	70	55	125
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													

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
processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	13	3	16	0	0	0	7	2	9	20	5	25
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies													
Nutritional Garden	1	0	0	0	0	0	0	15	10	25	15	10	25
Women and child care													
Other (Mushroom Cultivation)	3	18	42	60	3	5	8	1	6	7	22	53	75
Total	5	31	45	76	3	5	8	23	18	41	57	68	125
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	1	7	15	22	0	0	0	1	2	3	15	18	25
Integrated Disease Management	1	0	25	25	0	0	0	0	0	0	0	25	25
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	2	7	40	47	0	0	0	1	2	3	15	43	50
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													

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
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	14	7	21	0	0	0	4	0	4	18	7	25
Formation and Management of SHGs	1	23	0	23	0	2	2	0	0	0	0	25	25
Mobilization of social capital	1	0	23	23	0	0	0	0	2	2	0	25	25
Entrepreneurial development of farmers/youths	2	23	12	35	0	5	5	4	6	10	27	23	50
WTO and IPR issues	1	13	7	20	10	0	10	2	2	4	11	14	25
Others (ICT in Agriculture)	1	15	9	24	0	0	0	1	0	1	16	9	25
Total	7	88	58	146	10	7	17	11	10	21	72	103	175
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	36	292	387	681	29	53	82	63	79	137	357	551	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
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	1	0	15	15	0	0	0	0	0	0	0	15	15
Planting material production													
Vermiculture													
Mushroom Production	1	0	6	6	0	2	2	1	1	1	1	9	10
Beekeeping													

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
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 (Potential entrepreneurship avenue in vegetable production	1	0	5	5	0	4	4	0	6	6	0	15	15
Total	3	0	26	26	0	6	6	1	7	7	1	39	40

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Agriculture Extension	F&FW	Fertilizer Management in upland rice	1	Off	11	14	25	1	8	9
	F&FW	Food and Nutrition for farmers	1	Off	16	9	25	3	2	5
	F&FW	Integrated weed management in rice	1	Off	13	12	25	0	0	0
	F&FW	Nutrient Management in sweet corn	1	Off	14	11	25	0	11	11
	F&FW	Method of Herbicide preparation & its application in medium land rice	1	Off	4	9	13	13	12	25
	F&FW	Group based input management practices for farmers group	1	Off	18	7	25	4	0	4
	F&FW	Entrepreneurship development and its management	1	Off	8	17	25	0	11	11
	F&FW	Preparation of DPR & Micro credit linkage	1	Off	19	6	25	0	4	4
	F&FW	Soil sample collection technique & soil health card analysis	1	Off	21	4	25	8	3	11

	F&FW	Root rot management in Ginger	1	Off	25	0	25	0	0	0
	F&FW	Formation and Management of Women SHG	1	Off	0	25	25	0	2	2
	F&FW	Group management in FPO & farmers club	1	Off	0	25	25	0	2	25
	F&FW	ICT in Agriculture	1	Off	16	9	25	1	0	1
	F&FW	Green Manuring by Dhaincha and application in rice	1	Off	16	9	25	2	0	2
	F&FW	Weed Management in Sweet corn	1	Off	0	25	25	0	9	9
	F&FW	Weed Management in rice	1	Off	12	13	25	6	3	9
	F&FW	Weed Management in Sweet corn	1	Off	8	17	25	0	2	2
	RY	Potential Entrepreneurship avenues in vegetable production	2	On	0	15	15	0	10	10
Plant Science	F & FW	Stored grain pest management in greengram	1	Off	8	17	25	1	2	3
	F & FW	Disease and Pest management in Rice	1	Off	0	25	25	0	0	0
	F & FW	Nursery Management in Tomato	1	Off	12	13	25	0	3	3
	F & FW	Seed treatment and sowing method in Tomato	1	Off	1	24	25	1	19	20
	F & FW	Nutritional garden Management and year round vegetable production	1	Off	0	25	25	0	2	2
	F & FW	Seedling raising in Papaya	1	Off	24	1	25	0	1	1
	F & FW	ICM in Papaya	1	Off	22	3	25	10	2	12
	F & FW	Nursery Management in Brinjal	1	Off	15	10	25	0	0	0
	F & FW	Suitable Short duration Greengram cultivation	1	Off	14	11	25	1	0	1
	F & FW	Vermicompost production by microbial inoculation	1	Off	06	19	25	0	5	5
	RY	Organic input production and its use in crop production	2	Off	0	15	15	0	0	0
Home Science	F & FW	Substrate treatment & lime application	1	Off	11	14	25	4	5	9

		in Paddy straw mushroom								
	F & FW	Nutritional garden management for year round availability of vegetable to the farm families	1	Off	15	10	25	5	10	15
	F & FW	Commercial Oyster mushroom cultivation	1	Off	11	14	25	0	1	1
	F & FW	Integrated nutrient management in Marigold	1	Off	0	25	25	0	0	0
	F & FW	Post harvest management in Banana	1	Off	20	5	25	7	2	9
	F & FW	Identification and use of good quality mushroom	1	Off	0	25	25	0	5	5
Animal Science	F & FW	Importance of regular vaccination & periodic deworming	1	Off	11	14	25	2	2	4
	F & FW	Practice and principle of clean milk production	1	Off	13	12	25	0	0	0
	F & FW	Housing Management of Goat in different season	1	On	8	17	25	1	0	1
	F & FW	Management practice for duck rearing	1	Off	19	6	25	9	8	17
	F & FW	Measure for qualitative production of milk	1	Off	25	0	25	0	0	0
	F & FW	Feeding Management in Goat	1	Off	25	0	25	0	0	0

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom	Income generating activity	Mushroom Spawn production technique	5	1	9	10	Mushroom Spawn	100	--	--

*

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, para0vet training													
Mushroom Spawn Production	1	0	6	6	0	2	2	1	1	2	1	9	10
Total	1	0	6	6	0	2	2	1	1	2	1	9	10
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total	1	0	6	6	0	2	2	1	1	2	1	9	10

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			
1	Scientific Bee Keeping	Income Generation	March 21	7 days	RY	1	25	National Bee Board

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													
Scientific Bee Keeping	1	0	1	1	1	5	6	7	11	18	8	17	25
Total	1	0	1	1	1	5	6	7	11	18	8	17	25
Grant Total	1	0	1	1	1	5	6	7	11	18	8	17	25

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	4	72	48	120	14	4	2	6	76	50	126
Kisan Mela	2	43	17	60	12	8	5	13	51	22	73
Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-	-
Exhibition	2	26	24	50	15	7	6	13	33	30	63
Film Show	6	96	62	158	15	12	6	18	108	68	176
Method Demonstrations	4	24	18	42	8	8	2	10	32	20	52
Farmers Seminar	--	-	-	-	-	-	-	-	-	-	-
Workshop	8	116	58	174	9	21	8	29	137	66	203
Group meetings	12	162	73	235	7	26	13	39	188	86	274
Lectures delivered as resource persons	16	225	261	486	14	9	7	16	234	268	502
Advisory Services	24	85	68	153	12	16	8	24	101	76	177
Scientific visit to farmers field	35	232	174	406	17	12	6	18	244	180	424
Farmers visit to KVK	14	125	145	270	18	14	12	26	139	157	296
Diagnostic visits	8	78	17	95	5	6	4	10	84	21	105
Exposure visits	2	22	28	50	7	3	3	6	25	31	56
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	
Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	1	32	8	40	14	6	2	8	38	10	48
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	2	0	50	50	17	2	4	6	2	54	54
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify) International Womens Day, Vanomahostav, University Foundation Day, World Food Day, Women in Agriculture Day, World Soil Day, etc	8	117	83	200	15	22	16	38	139	99	238
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	5	60	30	90	12	15	5	20	72	45	117
Mahila Kisan Divas	1	0	25	25	5	2	1	3	2	26	28

Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
Total	154								1705	1309	3012

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	8
Radio talks	1
TV talks	1
Popular articles	4
Extension Literature	3
Other, if any	1

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dhaincha	Local	1.35	5400					5	-	5	-
Grand Total		1.35						5	-	5	-

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	Lucky	500	1250	1		1		3		5	0
Cabbage											
Tomato	Arka Samrat	12700	31750	2		3		8	3	13	3
Brinjal	Blue Star	2500	6250	1		1		2	2	4	2
Chilli	Arka harita, Arka Meghana	13630	34075	2	1	2	2	5	2	9	5

Onion											
Papaya	Red Lady, Ranchi Dwarf and Honey Dew	944	21000	2	1	4	1	12	7	18	9
Drumstick	PKM-1, ODC-3 and Moringa Dwarf	1169	17535	1	1	2	2	25	8	28	11
Fruits											
Mango		807 Kg	16140	-	-	-	-	-	-	-	-
Guava		100 Kg	2000	-	-	-	-	-	-	-	-
Lime											
Papaya											
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total			130000								

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	3087	36805	4	2	5	2	4	1	13	5
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, Vermiworms	4	2000	-	-	1	-	3	1	4	1
Total		38805								

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	Black Bengal	1	7400	1	0	-	-	-	-	1	-
Other, please specify											
Poultry											
Broilers											
Layers	Kadaknath, Vanaraja, Kaveri, Kalinga Brown	1448	82150	12	7	14	5	15	10	51	22
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											
Mushroom Spawn	Oyster and Paddy Straw	850	11900								
Others (Pl. specify)											
Grand Total			101450								

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2020						
Rabi 2020-21						

Summer/Spring 2021						
Kharif 2021						
Rabi 2021-2022						

iii) Financial Progress

Fund received (2017-18, 2018-19, 2019-20, 2020-21, 2021-22)	Expenditure (Rs. in lakh)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2017-18				
2018-19				
2019-20				
2020-2021				
2021-2022				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Sabujima	All Scientist	2	1000
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Scientific Bee Keeping,	Sri Monoj Kumar Barik, Scientist Dr. J. Udgata, SS&H	1	500
Technical reports	Annual Reports, Action Plan, Contingent Plan,	All Scientist		
Electronic Publication (CD/DVD etc)	Impact of NICRA project		1	--
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.	--	--	--	--	--

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

Name of farmer	Mrs. Susama Meher W/O Khageswar Meher
Address	Village-Bhoimunda , Block-Jharsuguda, Dist-Jharsuguda
Contact details (Phone, mobile, email Id)	Mob No-:8144165083
Landholding (in ha.)	Upland- 0.5 acre, Medium land-2 acre Low land-0.5 acre
Name and description of the farm/ enterprise	Breed up gradation of Goat (Black Bengal)
Economic impact	Rs. 10,800/Animal/6 month
Social impact	
Environmental impact	
Horizontal/ Vertical spread	5 villages

INTERVENTION: -

Apart from being engaged in vegetable cultivation Mrs. Susama Meher was interested in keeping of goat as a subsidiary source of income from 2015, she was involved in goat rearing. But initially she kept 2 bucks and 20 no's of does, all of which were nondescript animals of the area. Those goats showed slower gain in body weight, late sexual maturity, lower kidding per year. The KVK, Jharsuguda 2 no's of Black Bengal bucks were introduced in the herd for breed up-gradation. After the replacement of bucks the offspring produced from the up-gradation have shown higher growth rate , which is reported to the 14 kg at 6 month of age. However the upgraded goats attained sexual maturity at 8 months of age. Looking at the development programme of Mrs. Susama Meher other goat keepers of the village were got interested, &started goat rearing by taking buck on rent.

Impact: After introduction of Black Bengal buck the growth rate , age of sexual maturity , kidding interval, twinning percentage has improved five other herds of the village took the Black Bengal buck on rental for up-gradation purpose.

Treatment	**Body wt(kg/6 months)**	**% change in body wt**	**Net Return (Rs/animal/6month)**	**B:C Ratio**
T_1 (Non descript goat)	15.0		6750	3.5
T_2 (Black Bengal)	24.0	60	10800	4.2

Future strategy:-

Breed up gradation of other heads with black Bengal buck and buck exchange programme after 3 years to avoid inbreeding and production depression.

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

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

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

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Rice	72.0	3300 q	115	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	➢ PRA method	Identification of problems, problem analysis, Database formation and primary data collection.
2	➢ Farmers interaction and group discussion	Verification of the problem and prioritization of the problem
3	➢ Training need assessment	Technological gap analysis, need based problem identification

3.11. a. Details of equipment available in Soiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Automatic Nitrogen Analyzer with digestion unit	1
2	MridaParikshak soil testing kit	2
3	Precision Analytical Balance	1
4	pH, EC, TDS meter	1
5	Digital soil moisture meter	1
6	Digital balance	1
7	Flame Photometer	1
8	Spectro Photometer	1
9	Double distillation unit	1
10	DAPS power supply	1
11	Rotary Shaker	1
12	GPS set	1

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
--	30	30	150	5	--

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Farmers – Scientist Interaction	50	2	Sj Raghunandan Panda, Bargarh MP Representative Sj Sanjeeb ku Pradhan, Brajarajnagar MLA Representative	25	25

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

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials
-	-	-	-	-

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
-	-	-	-

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

No of student trained	No of days stayed
10	2

ARS trainees trained	No of days stayed
--	--

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

Date	Name of the person	Purpose of visit
28.12.2021	Prof. Prasanjit Mishra , Dean Extension Education, OUAT	17th SAC Meeting
28.12.2021	Dr. Mahamaya Prasad Nayak, Joint Director, DEE, OUAT	17th SAC Meeting
April 2021	Prof. L.M Garanayak, Dean Extension Education, OUAT	OMBADC
April 2021	Dr. Sanat Mishra	OMBADC
April 2021	Dr. Mahamaya Prasad Nayak, Joint Director, DEE, OUAT	OMBADC

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./Ha)	After (Rs./ha)
Improved method of Groundnut cultivation with HYV.	30	68	40000	50200
Drought tolerant paddy variety Sahabhagidhan	60	65	17500	24000
Improved method of Greengram cultivation with HYV.	50	62	24000	32000
Weed management in paddy	30	78	19000	23000
Varietal replacement of Potato variety-Kufri Surya	60	68	78000	95000
Backyard Poultry rearing - Vanaraja	60	42	380/bird	650/bird
Mushroom production techniques	60	45	150/bed	220/bed
Stress tolerant Poultry rearing –Kadaknath	50	65	280/bird	450/bird
Cultivation of African Marigold	50	45	170000	240000

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Drought tolerant paddy variety Sahabhagidhan	460 ha
Herbicide application in Rice	960 ha
Boron Application in cauliflower	80 ha

Backyard Poultry rearing -Vanaraja	45 villages
Backyard Poultry rearing –Kadaknath	22 villages
Cultivation of African Marigold	12 ha
Mushroom Cultivation	15 villages
Groundnut cultivation	32 ha

Give information in the same format as in case studies

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	Drought tolerant paddy variety Sahabhagidhan	Adoption percentage- 65%, Horizontal spread-460 ha	Yield -30 q/ha
2	Herbicide application in Rice	Adoption percentage- 78%, Horizontal spread-960 ha	Yield -54 q/ha

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Pond based IFS model
Name & complete address of the entrepreneur	Sarojini Bhainsal
Role of KVK with quantitative data support:	At-Saletikra, Block- Jharsuguda Dist-Jharsuguda
Timeline of the entrepreneurship development	2016-17 :- Taken training from KVK on integrated farming system development and Fish production 2016-17:- Conducted demonstration on Mushroom production, poultry rearing and INM in Potato 2017-18:- Taken training on vermicomposting and orchard management 2018-19:- Develop IFS model 2019-20:- Training on IFS model and Exposure visit 2020-21:- Fingerling rearing and Fish production demonstration
Technical Components of the Enterprise	Mushroom production technique – Bed preparation, substrate treatment and marketing.

	Poultry- Vaccination, feed management, disease management Fruit orchard- Guava, Papaya, drumstick, Mango Fish production – Fingerling rearing and Fish production
Status of entrepreneur before and after the enterprise	Net Income before the enterprise- Rs.75000/- Net Income before the enterprise- Rs. 125000/-
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Raw materials availability- adequate Labour availability- Yes Consumer preference- High Marketing the product- Local Market
Horizontal spread of enterprise	2-3 farmers

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

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

Central Poultry farm, Chiplima	
Department of Social Welfare , Jharsuguda	

5.2. List of special programmes undertaken during 2021by 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.	Poultry	2013	18	Kadaknath	Chicks	1448 No.	--	82150	
2.	Poly House	2013	120	HYV & Local	Seedling & saplings		--	130000	
3.	Vermicompost	2013	18	--	Vermicompost and Vermin	30.870q	--	36805	
4.	Spawn Production	2013	20	--	Mushroom Spawn	850 No.	--	11900	
	Total							260855	

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	
Guava	--	--	--	A.Safeda	Fruit	1.0	--	2000	
Mango	--	--	--	Amrapalli, Dusseri, Neelam	Fruit	8.07	--	16140	

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	3087	--	36805	
2.	Vermin	0.04	--	2000	

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Poultry	Vanaraja	Chick rearing	1448		82150	--

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
March	25	7	--
Total :	25	7	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:
No. of staffquarters:06
Date of completion:2012
Occupancy details:

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

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April, 2021
	Kharif	Rabi	Kharif	Rabi	
Groundnut 10 ha	--	1.18	--	0.94479	0.23521 refunded to Comptroller , OUAT BBSR

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2021
	Kharif	Rabi	Kharif	Rabi	
Greengram 10 ha	--		--	0.97420	Expenditure incurred from Revolving fund

2019.5. Utilization of KVK funds during the year 2021-22(Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	1.10	0.825	--
3	Contingencies			
A				
B		20.30	16.05	16.05
C				
D				
E				
F				
G				
H				
I				
J	Swachhta Expenditure/ SAP Fund			
TOTAL (A)		21.40	16.83	16.05
B. Non-Recurring Contingencies				
1	Non recurring	2.5	-	-
2	Works	2.00	-	-
3	Library	0.10	0.10	--
4				
TOTAL (B)		4.6	0.10	--
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		26.0	16.93	16.05

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2019-20	100000	92961	124944	100000
2020-21	100000	305408	81324	73075
2021-22	73075	128510	97616	103969 (As on 10.02.2022)

7.6. (i) Number of SHGs formed by KVKs- Nil

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

- Promotion of income generation activities and providing technical support

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
World Soil day	1	Rabi 2021-22 (05.12.2021)	Agriculture Department, Jharsuguda	--	--

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
BPH	Paddy	November	28	15	22
Rhizome Rot	Ginger	October	12 ha	23	8
Wilt in Solanaceous crop	Potato, Tomato and Brinjal	November and December	08 ha	17	6

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)
FMD	Cattle	August	12	120	--

9.1. Nehru YuvaKendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	4	25000
Livestock	3	
Fishery		
Weather	1	
Marketing		
Awareness		
Training information		
Other	2	
Total	10	25000

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*1500*
2.	No. of farmers registered in the portal	--
3.	Mobile Apps developed by KVK	--

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

9.5. a. Observation of Swachh Bharat Programme

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

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	29	
2. Basic maintenance	12	
3. Sanitation and SBM	10	
4. Cleaning and beautification of surrounding areas	16	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	18	
6. Used water for agriculture/ horticulture application	-	
7. Swachhta Awareness at local level	16	
8. Swachhta Workshops	--	
9. Swachhta Pledge	--	
10. Display and Banner	8	
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)	6	
14. No of Staff members involved in the activities	10	
15. No of VIP/VVIPs involved in the activities	1	
16. Any other specific activity (in details)	--	
Total	**126**	

9.6. Observation of National Science day

Date of Observation	Activities undertaken
--	--

9.7. Programme with SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants
--	--	--

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

9.9. Details of Swachhta Hi Suraksha programme(16-31.12.2021) organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Awareness campaign	5	125	--	--
2.	Road show	2	50	--	--

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

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

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1.	N. Sarita	At-Bhursimal, Block-Kolabira Mob no.9809808990	IFS model
2.	Sri Ashok Naik	At-Durlaga, Jharsuguda Mob no.9938564313	IFS model
3.	Sri SusantaNaik	At-Ghantamal,Block-Kolabira Jharsuguda Mob no.9777468457	Integrated Farming
4.	Sri DuryadhanSahu	At- Kureimal, Block-Lakhanpur	Banana cultivation

		Mob no.8260596362	
5	Sri Narsingha Patel	At-Ghantamal, Block-Kolabira Jharsuguda, Mob no.9777468457	Sweet corn and Sunflower cultivation
7.	Smt. Nalini Patel	Village- keldamal,Block-kolabira Dist- Jharsuguda768202 Mob no. 668172971	Banana Cultivation
8	Smt. Sarojini Bhainsal	Village- Saletikra,Block-Jharsuguda Dist- Jharsuguda-768202 Mob no. 8658678466	Pond based IFS model
9.	Ms. Sunita Naik	Village- Talpatia,Block-Jharsuguda Dist- Jharsuguda-768202 Mob no. -9438047109	Mushroom and Mushroom spawn production
10	Sri Saroj Sahu	Village- Tharkaspur,Block-Jharsuguda Dist- Jharsuguda-768202 Mob no. -7683967227	Vegetable production

9.12. Revenue generation

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

9.13. Resource Generation:

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

9.14. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2011	CRIDA, Hyderabad	Not Functioning

9.15. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Jharsuguda	Disease and pest management, drought management	8	120	Diagnostic visit, field visit to the disease affected area of crop . Advisory to livestock management and crop management, Rhizome rot management in Ginger

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

a) Year:
b) Introduction / General Information:

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

11. Celebration of World Food Day in 2021

Sl. No.	Activities undertaken	No. of VIPs attended	No. of participants		
			M	F	T
1	Training programme organized	--	--	25	25

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	Best KVK Scientist Award	2021	OUAT	--	

Award received by Farmers from the KVK district

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

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

15. 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

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Mango Progeny Nursery	0.6	Graft	12000	--	--	--
2	Mango Orchard	1.0	Mango (8q)	35000	16000	16	--
3	Mixed fruit orchard	0.2	Guava (1 q)	18000	2000	06	--
4	Poultry unit	-	Chicks(1430)	8000	24000	20	--
5	Vermicompost unit	6 Unit	Vermicompost and vermin	6000	22000	15	--

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Cultivation of Cow pea, var-KasiKanchan	Cultivation of Cow pea, var-KasiKanchan	70000	40	
2	FLD on Paddy variety Pratikshya	INM in paddy	45000	130	
3	Demonstration on potato var. K. Jyoti	INM in Potato-	70000	72	
4	Rearing of Vanaraja poultry	Vaccination of Vanaraja Bird rearing 50 Chicks /6 month	380/bird	76	
5	Cultivation of of Greengram var. IPM-02-14	INM in Greengram IPM-02-14	24000	112	
6	FLD on Paddy variety Sahabhagidhan	Weed management in paddy by application of Pretilachlor 1250 ml/ha within 48 hr of	28000	85	

		transplanting or Post emergence application of Bispyribac sodium @ 250ml /ha.			
7	FLD on Paddy variety Pratikshya	Weed Management In Paddy, Pre emergence application of Pretilachlor@1250ml/ha or Post emergence Bispyribac sodium @ 250ml /ha	42000	620	

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

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

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

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

19. Information on NARI Project(if applicable)

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

20. Specific programmes for the period

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

Sl. No.	**Activity**	**No. of SC farmers/ stakeholders**		
		Male	**Female**	**Total**
1	On- farm trials	-	-	-
2	Frontline demonstrations	12	18	30
3	No. of Training programmes for farmers	42	58	100
4	Farmers trained	42	58	100
5	No. of Training programmes for Extension Personnel	-	-	-
6	Extension Personnel trained	-	-	-

7	Participants in extension activities	--	-	-
8	Distribution of seed	12	18	30
9	Planting material distributed	-	-	-
10	Livestock strains and fingerlings distributed	6	8	14
11	Soil, water, plant, manures samples tested	-	-	-
12	Mobile agro-advisory provided to farmers	14	8	22
13	Other (Please specify)	--	-	-

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

Sl. No.	Title of the training	Date/ Duration	No. of Participants							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
1	Importance of regular vaccination & periodic deworming	1	1	1	1	1	9	12	11	14
2	Practice and principle of clean milk production	1	0	0	0	0	13	12	13	12
3	Housing Management of Goat in different season	1	1	0	0	0	7	17	8	17
4	Management practice for duck rearing	1	1	1	2	1	16	4	19	6
5	Measure for qualitative production of milk	1	0	0	0	0	25	0	25	0
6	Feeding Management in Goat	1	2	0	1	0	22	0	25	0

iii. Status of Natural Farming

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

iv. Farmer Producer Organizations

a) General information

Sl. No.	Name & Address of FPO	Name &Contact No. of Head of FPO	No. of farmer members of FPO			Crop/ Enterprise dealt with by FPO	Kind of support provided by KVK in running/ starting of FPO (in brief)
			M	F	T		
1	Trimukhi Farmers Producer Company Limited	Sri Rabindra Behera , 7903570382	147	265	412	Vegetable, Watermelon cultivation	Technical guidance

b) Financial information

Name & Address of FPO	Date of Registration	FPO Registered (Y/N)	Application Submitted for Registration (Y/N)	No. of share-holding farmer members	Equity Amount Collected (Rs.)	Bank Account Opened (Y/N)	Board Reconstituted after attaining minimum membership (Y/N)
Trimukhi Farmers Producer Company Limited At: Muradipali, PO: Bhatlaida, Dist : Jharsuguda, Pin - 768213, Odisha	16 October 2018	Y	---	--	--	Y	Y

v. Nutri-gardens (Village wise)

Sl. No.	Name of village	Name of crop	Area under the crop (acre)	No. of farmers			Whether bio-fortified variety of crop used (If yes, mention variety & crop)
				M	F	T	
--	--	--	--	--	--	--	--

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

Name of KVK	Total budget allotted (Rs.)	Total budget utilized (Rs.)	Physical Training organized				Online Training organized			
			No. of training	No. of total participants			No. of training	No. of total participants		
				M	F	T		M	F	T
Jharsuguda	181230	153589	1	**8**	**17**	**25**	--	-	-	-

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

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

Sr. Scientist & Head
KVK, Jharsuguda

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

***

PHOTOGRAPHS

		
Assessment of chilli varieties suitable for processing of dry red chilli	Demonstration of suitable short duration YMV tolerant high yielding variety of green gram IPM-02-14	Demonstration of triple resistant Tomato variety- Arka Rakshak
		
Demonstration of Duck breed Khaki Campbell in backyard	Demonstration of stress tolerant poultry breed Kadaknath	Demonstration of sweet corn variety- Sugar 75
		
Demonstration of Drought torrent rice var. Swarna Shreya	Demonstration of BPH tolerant rice variety-Hasanta	Demonstration of herbicide for weed management in transplanted rice
		
Demonstration of Marigold variety –Bidhan Marigold- 2	Demonstration of protein rich rice variety CR Dhan -310	Demonstration of IMC culture with proper stocking ratio