ANNUAL PROGRESS REPORT

April 2017 to March 2018

KRISHI VIGYAN KENDRA JHARSUGUDA

ORISSA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, BHUBANESWAR

ANNUAL REPORT 2017-18 (April 2017 to March 2018)

1. GENERAL INFORMATION ABOUT THE KVK

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

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

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

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

1.3. Name of the Programme Coordinator with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Biswaranjan Pattanaik	Krishi Vigyan Kendra, Jharsuguda	8249447374 8763805476	biswaranjan.pattanaik2010@gmail.com

1.4. Year of sanction of KVK: 2006

1.5. Staff Position (as on 1st April, 2017)

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	Sr. Scientist & Head	Dr. Biswa Ranjan Pattanaik	Sr. Scientist & Head	Extension Education	15600-39100 Present basic- 19380	31.08.2012	Temporary	Other
2	Scientist	Sri Monoj Kumar. Barik	Scientist	Extension Education	15600-39100 Present basic- 24850	07.12.2006	Temporary	Other
3	Scientist	Sri Prabhanjan Mishra	Scientist	Horticulture	15600-39100 Present basic- 19810	19.11.2014	Temporary	Other
4	Scientist	Dr. Suman Kumari Joshi	Scientist	Animal Science	15600-39100 Present basic- 16250		Temporary	Other
5	Scientist	Vacant	-	Home Science	-		-	
6	Scientist	Vacant	-	Plant Protection	-		-	
7	Scientist	Vacant	-	Agronomy	-		-	
8	Programme Assistant						-	
9	Computer Programmer	Sri Bishnu Ranjan Padhi	Computer Programmer	Computer Sc	9300-34800 Present basic- 16250	11.08.2014	Temporary	Others
10	Farm Manager	Ms. Madhuri Toppo	Farm Manager	B.Sc (Ag)	9300-34800 Present basic- 10130	16.12.2015	Temporary	ST
11	Accountant / Superintendent	Vacant	-	-		-	Temporary	
12	Stenographer	Sri Pradip Ku. Nayak	Junior Steno cum Computer Operator	BA	5200-20200 Present basic- 8170	23.12.2013	Temporary	Others
13.	Driver	Sri Samanta Mallick	Driver	-	5200-20200 Present basic- 5640	28.07.2015	Temporary	SC
14.	Driver	Manoj Kumar Sahoo	Driver	-	5200-20200 Present basic-7680	20.09.2017	Temporary	Others
15.	Supporting staff	Kamala Nag	Peon -cum - Watchman	-	4440-7440 Present basic- 6040	29.07.2008	Temporary	SC
16.	Supporting staff	Akshya Ku. Swain	Peon -cum - Watchman	-	4440-7440 Present basic- 6040	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

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2017	8,00,000	13443	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.	04.08.2017	30	➢ To create awareness among the farmers regarding proper vaccination of livestock and poultry birds in time. ➢ To create marketing awareness with processing and value addition of chilli in the area. ➢ To cultivate tomato before Sesamum for effective use of land during Kharif. ➢ The tomato hybrid variety may be cultivated by using trellis system . ➢ Marketing problem of mushroom may be addressed by creating awareness among anganwadi workers on importance of mushroom diet for children even though there is no marketing problem in the district. ➢ Number of exposure visit for farmers under KVK may be increased. ➢ The training calendar of KVK may be circulated to the concerned line department.	1. Conducted vaccination of livestock and poultry birds programme in convergence mode 2. Awareness cum training conducted on processing and value addition of chilli. 3. Awareness programme conducted to cultivate tomato before sesame for effective use of land during Kharif 4. Demonstration on hybrid tomato to be conducted during Kharif 2018. 5. Importance of mushroom diet for children is communicated to the anganwadi workers.	

			➢ To include intervention on elephant foot yam. ➢ Intervention on desi spine gourd may be taken up. ➢ Introduction of new variety of pointed gourd. ➢ 11. Use of area specific mineral mixture for dairy cattle	6. Three numbers of exposure visits conducted. 7. Year planner of KVK circulated. 8. Intervention on elephant foot yam taken in Kharif 2018. 9. Intervention on mineral mixture for dairy cattle will be conducted in 2018.	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2017-18)

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, Potato-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

Note: Please give recent data only

2.b. Details of operational area / villages (2017-18)

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 (2017-18) for its development and action plan

Name of village	Block	Action taken for development
Durlaga	Jharsuguda	Execution of DFI and other intervention as per action plan 2017-18.
Ghantamal	Kolabira	Execution of DFI and other intervention as per action plan 2017-18.
Kureimal	Lakhanapur	Execution of DFI and other intervention as per action plan 2017-18.

2.1 Priority thrust areas

S. No	Thrust area
1.	Crop diversification and varietal replacement
2.	Integrated Nutrient Management
3.	Production of quality seeds, seedlings and planting materials
4.	IPM, IDM& Weed management in crops.
5.	Market led production strategies
6.	Women empowerment through income Generating Activities
7.	Promoting Nutritional and Kitchen gardening
8.	Breed up gradation of farm animals and poultry
9.	Production of organic inputs
10.	Nursery raising and management
11.	Cultivation of High value & commercial crops
12.	Post-harvest technology and value addition
13	Dairy and livestock management
14	Drudgery reduction for farm women
15	Group formation and management of groups
16	Integrated fish farming

3. TECHNICAL ACHIEVEMENTS

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

OFT						FLD					
No. of technologies:						No. of technologies:					
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
4	3	52	26	13	39	7	7	70	33	32	65

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
62	38	1280	288	457	745	185	176	7355	1264	4017	5281

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
2.0	2.0	125400	119385

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
1000	500 birds	200	45

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper	1	
Seminar/conference/ symposia papers		
Books	2	1000
Bulletins		
News letter	4	2000
Popular Articles		
Book Chapter		
Extension Pamphlets/ literature		
Technical reports	24	24
Electronic Publication (CD/DVD etc)	1	
TOTAL	33	3024

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of Tomato variety Lakshmi, Arka Rakshak & Arka Samrat in kharif season
2.	Problem diagnosed	Low return of produce due to glut production in rabi,, No Kharif cultivation practice.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO_1: Variety- Lakshmi TO_2: Arka Rakshak TO_3: Arka Samrat (Soil application of azotobacter @5 kg/ha &PSB @5 kg/ha along with soil test based fertilizer application)
4.	Source of Technology	IIHR, Bangalore
5.	Production system and thematic area	Vegetable production, varietal substitution.
6.	Performance of the Technology with performance indicators	Per plant fruiting (in kg), Crop Duration, Shelf life (in days), Yield (q /ha) , BC ratio
7.	Final recommendation for micro level situation	Arka Samrat is recommended for tomato growers
8.	Constraints identified and feedback for research	--
9.	Process of farmers participation and their reaction	Field visit and interaction, Arka Samrat is accepted by the farmers.

Thematic area:

Problem definition: Low return of produce due to glut production in rabi,, No Kharif cultivation practice.

Technology assessed: Assessment of Tomato variety Lakshmi, Arka Rakshak & Arka Samrat in kharif seasonTable:

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)	B:C ratio
				Avg. fruit wt.(gm)						
FP	13			60	12	335	65120	167500	102380	3.2
TO1	13			70	8	432	75830	216000	140170	3.6
TO2	13			76	7	445	75500	222500	147000	3.9

OFT-2

1.	Title of On farm Trial	Assessment on performance of papaya varieties
2.	Problem diagnosed	Low yield of papaya in local varieties more number of male plants
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO_1:Cultivation of local variety TO_2: Papaya variety- Binayak TO_3: Papaya Variety- Red Lady (High density planting, a Closer spacing of 1.2 X 1.8 Mt accommodating more than 4,630 plants/ha, Gynodioecious)
4.	Source of Technology	RRTTS, Chiplima-2013
5.	Production system and thematic area	Vegetable production, varietal substitution.
6.	Performance of the Technology with performance indicators	No. of fruits per plant, Time to bear fruit, Yield (q /ha) , B.C ratio
7.	Final recommendation for micro level situation	The Papaya variety Red lady perform better
8.	Constraints identified and feedback for research	--
9.	Process of farmers participation and their reaction	Field visit and interaction, Red lady is accepted by the farmers.

Thematic area:

Problem definition: **Low yield of papaya in local varieties due more number of male plants**

Technology assessed: **Assessment on performance of papaya varieties**

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield(Kg/Plant)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./Plant)	B:C ratio
				Avg. Fruit wt. in kg						
FP	13			0.6		12	54	144	90	2.8
TO1	13			0.95		21	72	252	180	3.1
TO2	13			1.4		25	80	300	220	3.6

OFT-3

1.	Title of On farm Trial	Assessment of probiotic supplementation on performance of poultry
2.	Problem diagnosed	Poor growth rate and high mortality rate in poultry
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO_1- No feeding of probiotic TO_2- Probiotic feeding TO_3- Probiotic feeding along with deworming.
4.	Source of Technology	OUAT,2012
5.	Production system and thematic area	Livestock , Feed management
6.	Performance of the Technology with performance indicators	Body weight gain, FCR, egg production
7.	Final recommendation for micro level situation	Probiotic feeding along with deworming gives more body weight
8.	Constraints identified and feedback for research	--
9.	Process of farmers participation and their reaction	Field visit and interaction, Probiotic feeding along with deworming is accepted by the farmers

Thematic area: Homestead

Problem definition: Poor growth rate and high mortality rate in poultry

Technology assessed: Assessment of probiotic supplementation on performance of poultry.

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (Body wt. in 4 month in kg-)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
				Egg production/bird						
FP	13			72		0.7	26	84	58	3.2
TO1	13			162		1.2	39	144	105	3.6
TO2	13			184		1.5	47	180	133	3.8

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	
1.	Paddy	Varietal replacement	Drought tolerant HYV Paddy –Sahabhagidhan,	2.0	2.0	0	5	5	

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					
Paddy	Kharif 2017	RF	Red laterite	310.2	17.0	340	Fallow	26.06.17	20.10.17	1314.48	78

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
	Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Ginger	Varietal Replacement	Demonstration on HYV Ginger Var. Suprava	10	0.1	162	112	44	Avg. Rhizome wt.-200	Avg. Rhizome wt.-170	128500	405000	276500	3.1	98000	280000	182000	2.8
Onion	Varietal Replacement	Demonstration on planting time of late Kharif Onion	10	0.1	244.0	197.0	23.85	Avg. bulb wt. in gm-75	Avg. bulb wt. in gm-65	72850	195200	122350	2.7	62150	157600	95450	2.5
Brinjal	Varietal Replacement	Demonstration on Brinjal cultivation, CV. Utkal Keshari (BB-26)	10	0.4	222.0	184.0	11.0	Avg. fruit wt. in gm-170	Avg. fruit wt. in gm-125	79900	177600	97700	2.2	73900	147200	73300	2.0
Cowpea	Varietal Replacement	Demonstration on Cowpea CV. Kashi Kanchan	10	0.4	94	70	34	Pod length in cm-35	Pod length in cm-28	30700	94000	63300	3.0	25700	70000	44300	2.7
		Total	**40**	**1.0**													

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
Sheep and goat	Disease management in livestock	Demonstration of Fenbendazole for endo parasite control in goat	10	10	Body weight in 6 month-12.25	Body weight in 6 month-10.5	16.66			1800	4655	2855	2.6	1600	3990	2390	2.4
Total			10	10													

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

Fisheries

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

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy straw mushroom	Demonstration on cultivation of paddy straw mushroom	10	10	1.2 kg/bed	1.0 kg	20			48	168	120/bed	3.5	40	130	90/bed	3.2
Total		10	10													

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

Women empowerment

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

Farm implements and machinery

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

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

**** BCR= GROSS RETURN/GROSS COST**

Demonstration details on crop hybrids Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (pl.specify)										
Total										
Oilseeds										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Paddy	Paddy variety Sahabhagidhan is suitable for upland and tolerant to moisture stress.
2	Ginger	Ginger variety-Suprava gives more yield.
3	Onion	Onion variety Bhima Super is suitable for late kharif
4	Brinjal	Brinjal variety Utkal Keshari is accepted by the farmers.
5	Cowpea	Cowpea variety Kasi Kanchan is appreciated for its high yield and early fruiting
6	Goat	Application of Fenbendazole helps in controlling endo parasite and increases body weight of goat.
7	Mushroom	Scientific method of cultivation gives good yield.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	--	---	--	--
2.	Farmers Training	26.07.17(Ginger) 30.08.17(Brinjal) 14.09.17(Mushroom) 23.09.17 (Goat)	4	80	
3.	Media coverage	--	2	--	Booklet and News letter on mushroom cultivation and ginger cultivation.
4.	Training for extension functionaries	--	--	--	--

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2017 and Rabi 2017-18:

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	Green gram	Chaiti Mug	5.5	4400	3940	9500	Line sowing, 25cmx10cm , Seed treatment with Vitavax Power (Carboxin 37.5% + Thiram 37.5%) @ 2.0 gram / kg seed , Soil test based fertilizer application, Application of Pendimethalin @ 2.5 litre/ha for weed management and need based plant protection measures.	75	30.0	8.8	5.7	7.45	69.3	89.08	21.0

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	**Variety- IPM-02-14** Line sowing, 25cmx10cm , Seed treatment with Vitavax Power (Carboxin 37.5% + Thiram 37.5%) @ 2.0 gram / kg seed , Soil test based fertilizer application, Application of Pendimethalin @ 2.5 litre/ha for weed management and need based plant protection measures.	10300	25500	15200	2.4	12800	40500	27700	3.1

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Greengram IPM-02-14	55880	570	60/-	20	120	Family maintenance	4

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	**Variety- IPM-02-14** Line sowing, 25cmx10cm , Seed treatment with Vitavax Power (Carboxin 37.5% + Thiram 37.5%) @ 2.0 gram / kg seed , Soil test based fertilizer application, Application of Pendimethalin @ 2.5 litre/ha for weed management and need based plant protection measures	Good	Liked	Affordable	No	Yes	

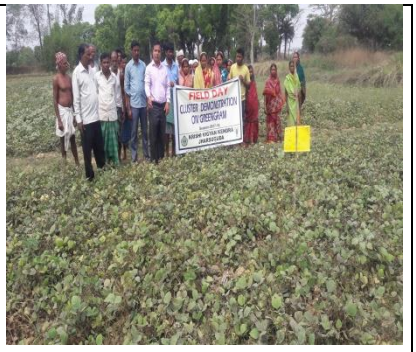
E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Bold seed, Resistance disease	Good performance	50-60 % Higher yield than local check	Appreciated variety for its good yield and less disease incidence

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	**Field Day**	**Jamera , 29.03.2018**	**50**

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



H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Greengram	i) Critical input	Nil (Adjusted from Revolving fund as per directive from ATARI, Kolakata)	166205	--
	ii) TA/DA/POL etc. for monitoring		16227	--
	iii) Extension Activities (Field day)		4104	--
	iv)Publication of literature		0	--
	Total		**186536**	

K. List of Farmer under FLD (Crop wise)

Crop- 1 Greengram

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
														H	L	A		
Kedar Pradhan	Prasanna Pradhan	Tharkashpur	Jharsuguda	9556961054		N 21 º 54.460'	E83 º 58.312'	Yes	Yes	Full package and Practice	IPM-02-14	0.4	8 Kg			6.80	4.30	58.14
Bhabani Meher	Krushna Meher	Tharkashpur	Jharsuguda	9777373268		N 21 º 54.460'	E83 º 58.312'	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.90	4.30	60.47
Kartika Seth	Daitari Seth	Tharkashpur	Jharsuguda	9668535064		N 21 º 54.460'	E83 º 58.312'	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.50	4.10	58.54
Bipin Bhoi	Purana Bhoi	Tharkashpur	Jharsuguda	9556397251		N 21 º 54.460'	E83 º 58.312'	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.10	4.80	47.92
Jugesh Pradhan	Sankar Pradhan	Tharkashpur	Jharsuguda			N 21 º 54.460'	E83 º 58.312'	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.20	4.30	67.44
Sanyasi Khilei	Bisikesan Khilai	Tharkashpur	Jharsuguda			N 21 º 54.460'	E83 º 58.312'	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.20	76.19
Sansar Khilei	Bisikesan Khilai	Tharkashpur	Jharsuguda			N 21 º 54.460'	E83 º 58.312'	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.30	4.40	65.91
Premsagar Pradhan	Janekram Pradhan	Tharkashpur	Jharsuguda			N 21 º 54.460'	E83 º 58.312'	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.80	4.10	65.85
Lukeswar Bhoi	Jagadhan Bhoi	Badadhara	Lakhanapur	9556996973		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.50	4.10	58.54
Abira Bhoi	Brhama Bhoi	Badadhara	Lakhanapur	9178920406		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.30	4.50	62.22
Bhakta Khamari	Pandav Khamari	Badadhara	Lakhanapur	9556937973		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.50	71.11
Sobharama	Narayan Khamari	Badadhara	Lakhanapur	9938730098		N 21 º 17'	E84 º 03'33.9	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.50	71.11

Khamari						52.41''	7''											
Jayram Padhan	Budhu Padhan	Badadhara	Lakhanapur	9777771512		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.90	4.50	75.56
Saraswati Bhoi	Kesab Bhoi	Badadhara	Lakhanapur			N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.30	79.07
Bidyadhar Khamari	Dusti Khamari	Badadhara	Lakhanapur			N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.80	4.30	81.40
Bhagabanta Bhoi	Santosh Bhoi	Badadhara	Lakhanapur	9777788502		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.80	4.50	73.33
Ajit Khamari	Bhakta Khamari	Badadhara	Lakhanapur	9178585274		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.70	63.83
Bihari Bhoi	Daitari Bhoi	Badadhara	Lakhanapur	7682876045		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.50	68.89
Dukhu Khamari	Pareswar Khamari	Badadhara	Lakhanapur	9938667435		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.80	4.70	65.96
Ashok Padhan	Duba Padhan	Badadhara	Lakhanapur	8658267746		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.90	4.60	71.74
Premananda Bhoi	Dinabandhu Bhoi	Badadhara	Lakhanapur	8658185927		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.30	74.42
Bibatsa Bhoi	Padman Bhoi	Badadhara	Lakhanapur	9668819738		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.80	4.50	73.33
Mohan Padhan	Ekra Padhan	Badadhara	Lakhanapur	9178656101		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.80	4.10	65.85
Goutam Bhoi	Prahalad Bhoi	Badadhara	Lakhanapur	9771383940		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.30	72.09
Krushna Bhoi	Dileswar Bhoi	Badadhara	Lakhanapur	8455928964		N 21 º 17' 52.41''	E84 º 03'33.97''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.70	61.70
Musuru Khamari	Chandan Khamari	Badadhara	Lakhanapur	9178825629		N 21 º 17'	E84 º 03'33.9	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.80	4.50	73.33

						52.41''	7''											
Hem Kumar Padhan	Sanatan Padhan	Badadhara	Lakhanapur	8895871 236		N 21 º 17' 52.41''	E84 º 03'33.9 7''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.40	72.73
Jogendra Samarath	Manglu samartha	Badadhara	Lakhanapur	7077454 595		N 21 º 17' 52.41''	E84 º 03'33.9 7''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.30	74.42
Hari Khamari	Chandan Khamari	Badadhara	Lakhanapur	8018663 553		N 21 º 17' 52.41''	E84 º 03'33.9 7''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.50	64.44
Niranjan meher	Dambaru Meher	Badadhara	Lakhanapur	8018073 685		N 21 º 17' 52.41''	E84 º 03'33.9 7''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.20	76.19
Sushil Bhoi	Bhanuram Bhoi	Badadhara	Lakhanapur	9938217 706		N 21 º 17' 52.41''	E84 º 03'33.9 7''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.90	4.10	68.29
Ananda Meher	Basudev Meher	Badadhara	Lakhanapur	9937985 301		N 21 º 17' 52.41''	E84 º 03'33.9 7''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.20	83.33
Purander Padhan	Kakachand Padhan	Badadhara	Lakhanapur	8895869 455		N 21 º 17' 52.41''	E84 º 03'33.9 7''	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.80	4.40	77.27
Rohit Kumar Naik	Dayanidhi Naik	Jhirlapali	Kolabira	--		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.90	4.50	75.56
Narendra Naik	Sripati Naik	Jhirlapali	Kolabira	--		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.30	76.74
Muketes war Patel	Dibyaraj Patel	Jhirlapali	Kolabira	9439396 137		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.50	66.67
Prafulla Kumar Naik	Siba Narayan Naik	Jhirlapali	Kolabira	--		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.30	72.09
Manoj Kumar patel	Rajani Ranjan patel	Jhirlapali	Kolabira	8280472 030		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.20	4.40	63.64
Arun Naik	Digambar Naik	Jhirlapali	Kolabira	8455077 044		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.50	64.44
Narendra Naik	Tejram Naik	Jhirlapali	Kolabira	9438060 287		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.50	66.67
Pradip Disandi	Harekrush na Disandi	Jhirlapali	Kolabira	9178388 752		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.50	71.11
Sankar	Bidyadhar	Jhirlapali	Kolabira	7008322		N 21º	E83 º	Yes	Yes	-Do-	IPM-	0.4	8 Kg			7.60	4.70	61.70

Patel	Patel			391		51.228´	58.006´				02-14							
Nabin Patel	Guna Patel	Jhirlapali	Kolabira	9437739 371		N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.60	67.39
Srikanta Naik	Rasananda Naik	Jhirlapali	Kolabira			N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.80	4.70	65.96
Sanjay kumar Naik	Suresh Naik	Jhirlapali	Kolabira			N 21º 51.228´	E83 º 58.006´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.20	76.19
Bima Rohidas	Jhulu Rohidas	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.30	72.09
Buchi Rohidas	Lundu Rohidas	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.60	67.39
Basumati Rohidas	Baisnab Rohidas	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.50	68.89
Jakshya Sahu	Upendra sahu	Jamera	Jharsuguda	7894853 139		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.50	64.44
Bishal Rohidas	Ramesh Rohidas	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.70	59.57
Fakir Pradhan	Sahadev Pradhan	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.80	4.10	65.85
Tejendra Pradhan	Bhakta Pradhan	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			6.80	4.40	54.55
Jema Sahu	Sagar Pradhan	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.20	78.57
Mangalu Rohidas	Salegram Rohidas	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.10	82.93
Jogeswar Barik	Premanand a Barik	Jamera	Jharsuguda	9853453 308		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.50	71.11
Akshaya Sahu	Upendra Sahu	Jamera	Jharsuguda	9556593 753		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.20	76.19
Nrupati Sahu	Salegram Sahu	Jamera	Jharsuguda	9861425 428		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.70	61.70
Niranjan Sahu	Salegram Sahu	Jamera	Jharsuguda	8658358 266		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.80	56.25
Narottam Sahu	Salegram Sahu	Jamera	Jharsuguda	9556571 752		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	5.40	40.74
Sadanand a Sahu	Salegram Sahu	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	5.30	39.62
Ramesh kalo	Teja Kalo	Jamera	Jharsuguda			N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.80	58.33
Bijay Kumar	Babaji Barik	Jamera	Jharsuguda	9178526 967		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.90	51.02

Barik																		
Kishore Barik	Babaji Barik	Jamera	Jharsuguda	8917493 719		N21 º 50.588´	E83 º 57.173´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.60	60.87
Banamali Kisan	Bunu Kisan	Muradipali	Laikera	9178293 986		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.20	4.60	56.52
Maheswar Kisan	Mangala Kisan	Muradipali	Laikera	7504928 875		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.50	64.44
Kamal lochan Bag	Siri bag	Muradipali	Laikera	9178362 174		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.70	59.57
Dileswar Sandha	Sakala Sandha	Muradipali	Laikera	8018419 235		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.80	54.17
Bandia Kisan	Karmu Kisan	Muradipali	Laikera	--		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.30	72.09
Sudarsan Bhainsa	Amira Bhainsa	Muradipali	Laikera	--		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.70	63.83
Haresh Sandha	Sakala Sandha	Muradipali	Laikera	9938224 609		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.70	57.45
Sundarmani Bhainsa	Kailash Bhainsa	Muradipali	Laikera	7077226 247		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.80	56.25
Kumar Kisan	Bima Kisan	Muradipali	Laikera	8018639 501		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.60	4.30	76.74
Lingaraj Kisan	Sanyasi Kisan	Muradipali	Laikera	9178270 195		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.50	4.30	74.42
Chakaram Kisan	Dukhu Kisan	Muradipali	Laikera	7750004 652		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.70	4.50	71.11
Milan Kisan	Pratap Kisan	Muradipali	Laikera	8249684 391		N21 º 51.228´	E84 º 12.008´	Yes	Yes	-Do-	IPM-02-14	0.4	8 Kg			7.40	4.70	57.45

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
J. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management	1	16	4	20	2	0	2	3	0	3	21	4	25
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
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, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
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													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural 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
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
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, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	17	0	17	4	0	4	4	0	4	25	0	25
Formation and Management of SHGs	1	12	1	13	6	1	7	5	0	5	23	2	25
Mobilization of social capital	1	18	3	22	1	0	1	3	0	3	22	3	25
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any	1	0	7	7	0	6	0	12	12	12	0	25	25
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems	1	16	5	21	1	0	1	3	0	3	20	5	25
XII. Others (Pl. Specify)													
TOTAL	**6**	**79**	**20**	**100**	**14**	**7**	**15**	**30**	**12**	**30**	**111**	**39**	**150**

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
Mushroom Production	1	5	7	12	1	0	1	2	0	2	8	7	15
Bee-keeping													
Integrated farming	1	11	0	11	0	0	0	4	0	4	15	0	15
Seed production	1	2	10	3	0	0	0	5	2	7	7	3	10
Production of organic inputs	2	20	1	21	0	0	0	8	1	9	28	2	30
Integrated Farming													
Planting material production	1	9	0	9	0	0	0	6	0	6	15	0	15
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	2	7	8	15	4	0	4	10	5	6	11	9	20
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													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
ICT application in Agriculture	2	12	0	12	7	0	7	3	3	6	22	3	25
TOTAL	**10**	**66**	**26**	**83**	**12**	**0**	**12**	**38**	**11**	**40**	**106**	**24**	**130**

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													
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	1	1	2	3	1	1	2	4	1	5	6	4	10
Protected cultivation technology	1	3	1	4	1	2	3	3	0	3	7	3	10
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	3	3	6	1	0	1	2	1	3	6	4	10
Care and maintenance of farm machinery and implements													
WTO and IPR issues	1	2	2	4	1	1	2	1	3	4	4	6	10
Management in farm animals													

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
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Others if any	2	7	3	10	2	2	4	3	3	6	12	8	20
TOTAL	**6**	**16**	**11**	**27**	**6**	**6**	**12**	**13**	**8**	**21**	**35**	**25**	**60**

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	1	20	0	20	0	0	0	5	0	5	25	0	25
Off-season vegetables	1	11	8	19	1	5	6	0	0	0	17	8	25
Nursery raising													
Export potential vegetables	1	2	0	2	0	0	0	23	0	23	25	0	25
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	6	1	7	0	0	0	18	0	18	24	1	25
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	1	3	15	18	0	0	0	0	7	7	3	22	25
Cultivation of Fruit	1	11	0	11	2	0	2	8	4	12	21	4	25
Management of young plants/orchards													
Rejuvenation of old orchards	2	23	3	26	0	0	0	24	0	24	47	3	50
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)	1	0	11	11	0	0	0	0	14	14	25	0	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
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology	1	25	0	0	0	0	0	0	0	0	25	0	25
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	1	2	23	25	0	0	0	0	0	0	2	23	25
Piggery Management													
Rabbit Management													
Disease Management	2	24	73	27	3	6	9	4	0	4	31	19	50
Feed management													
Production of quality animal products													
Others, if any Goat farming													
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													

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
nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
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, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material 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
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
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	24	0	24	1	0	1	0	0	0	25	0	25
WTO and IPR issues	1	5	13	18	0	2	2	1	4	5	6	19	25
Others, if any	1	18	0	18	3	0	3	4	0	4	25	0	25
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**16**	**174**	**147**	**226**	**10**	**13**	**23**	**87**	**29**	**116**	**301**	**99**	**400**

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
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
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
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
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													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													

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
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
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													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management	1	16	4	20	2	0	2	3	0	3	21	4	25
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	1	20	0	20	0	0	0	5	0	5	25	0	25
Off-season vegetables	1	11	8	19	1	5	6	0	0	0	17	8	25
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables	1	2	0	2	0	0	0	23	0	23	25	0	25
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	6	1	7	0	0	0	18	0	18	24	1	25
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	3	15	18	0	0	0	0	7	7	3	22	25
Cultivation of Fruit	1	11	0	11	2	0	2	8	4	12	21	4	25
Management of young plants/orchards													
Rejuvenation of old orchards	2	23	3	26	0	0	0	24	0	24	47	3	50
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)	1	0	11	11	0	0	0	0	14	14	25	0	25
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology	1	25	0	0	0	0	0	0	0	0	25	0	25
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	1	2	23	25	0	0	0	0	0	0	2	23	25
Piggery Management													
Rabbit Management													
Disease Management	2	24	73	27	3	6	9	4	0	4	31	19	50
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI.Agril. Engineering													
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, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													

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
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, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	17	0	17	4	0	4	4	0	4	25	0	25
Formation and Management of SHGs	1	12	1	13	6	1	7	5	0	5	23	2	25
Mobilization of social capital	1	18	3	22	1	0	1	3	0	3	22	3	25
Entrepreneurial development of farmers/youths	1	24	0	24	1	0	1	0	0	0	25	0	25
WTO and IPR issues	1	5	13	18	0	2	2	1	4	5	6	19	25
Others, if any	2	18	7	25	3	6	3	16	12	16	25	25	50
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems	1	16	5	21	1	0	1	3	0	3	20	5	25
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	**22**	**253**	**167**	**326**	**24**	**20**	**38**	**117**	**41**	**146**	**412**	**138**	**550**

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
Mushroom Production	1	5	7	12	1	0	1	2	0	2	8	7	15
Bee-keeping													
Integrated farming	1	11	0	11	0	0	0	4	0	4	15	0	15
Seed production	1	2	10	3	0	0	0	5	2	7	7	3	10
Production of organic inputs	2	20	1	21	0	0	0	8	1	9	28	2	30
Planting material production	1	9	0	9	0	0	0	6	0	6	15	0	15
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	2	7	8	15	4	0	4	10	5	6	11	9	20
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT	2	12	0	12	7	0	7	3	3	6	22	3	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
application in agriculture)													
TOTAL	**10**	**66**	**26**	**83**	**12**	**0**	**12**	**38**	**11**	**40**	**106**	**24**	**130**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	1	1	2	3	1	1	2	4	1	5	6	4	10
Value addition													
Protected cultivation technology	1	3	1	4	1	2	3	3	0	3	7	3	10
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	3	3	6	1	0	1	2	1	3	6	4	10
Care and maintenance of farm machinery and implements													
WTO and IPR issues	1	2	2	4	1	1	2	1	3	4	4	6	10
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any	2	7	3	10	2	2	4	3	3	6	12	8	20
TOTAL	**6**	**16**	**11**	**27**	**6**	**6**	**12**	**13**	**8**	**21**	**35**	**25**	**60**

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Horticulture	F&FW	Scientific method of ginger cultivation	1	Off	25	-	25	0	0	0
Horticulture	F&FW	Canopy Management in Pomegrannate	1	Off	3	22	25	0	7	7
Horticulture	F&FW	Kharif Tomato cultivation with staking	1	Off	17	8	25	6	0	6
Horticulture	F&FW	Scientific Method of Papaya Cultivation	1	Off	21	4	25	10	4	14
Horticulture	F&FW	Scientific Method of Pointed Gourd cultivation	1	Off	25	0	25	5	0	5
Horticulture	F&FW	Scientific method of Onion seed Production	1	Off	25	0	25	23	0	23
Horticulture	F&FW	Cauliflower Seed Production & certification	1	Off	24	1	25	18	0	18
Horticulture	F&FW	Establishment of IFS model	1	Off	22	3	25	16	0	16
Horticulture	F&FW	Rain water harvesting and it conservation of moisture for orchard development	1	Off	25	0	25	8	0	8
Horticulture	F&FW	Management of fruit piercing moth in pome granate through bait fruits	1	Off	0	25	25		14	14
Horticulture	RY	Principle and practices of QPM production in vegetable	2	On	15	0	15	6	0	6
Horticulture		Developing resistance to pest & diseases by vermicompost application in vegetables	2	On	13	2	15	8	1	9
Horticulture	IS	Bending technology for increasing productivity in Guava	1	On	6	4	10	5	1	6

Horticulture		An over view of vegetable production under protected cultivation	1	On	7	3	10	4	2	6
Agriculture Extension	F&FW	Market led production strategies	1	Off	6	19	25	1	6	7
Agriculture Extension	F&FW	Entrepreneurial development of farmers and its management	1	Off	25	0	25	1	0	1
Agriculture Extension	F&FW	Mobilization of social capital	1	On	22	3	25	4	0	4
Agriculture Extension	F&FW	Group dynamics & Farmers organization	1	On	25	0	25	8	0	8
Agriculture Extension	F&FW	ICT in Agriculture	1	Off	25	0	25	7	0	7
Agriculture Extension	F&FW	Formation and Management of SHGs	1	On	23	2	25	11	1	12
Agriculture Extension	F&FW	Integrated Farming system	1	On	20	5	25	4	0	4
Agriculture Extension	F&FW	Improved method of Groundnut cultivation	1	On	21	4	25	5	0	5
Agriculture Extension	F&FW	Income generation activities for Women SHGs.	1	Off	0	25	25	0	18	18
Agriculture Extension	RY	Mushroom Production	2	On	8	7	15	3	0	3
Agriculture Extension	RY	Market led production	2	On	15	0	15	8	0	8
Agriculture Extension	RY	Integrated farming system	2	On	15	0	15	4	0	4
Agriculture Extension	RY	Organic Farming	2	On	15	0	15	0	0	0
Agriculture Extension	IS	Capacity building for ICT application	1	On	6	4	10	3	1	4
Agriculture Extension	IS	Entrepreneurship development	1	On	8	2	10	3	1	4
Agriculture Extension	IS	Market led production strategy	1	On	4	6	10	2	4	6
Agriculture Extension	IS	Integrated Farming system	1	On	4	6	10	2	4	6
Animal Science	F&FW	Maintenance of cleanliness of	1	Off	2	23	25	0	0	0

		poultry farm								
Animal Science	F&FW	Metabolic diseases of cattle and preventive measures	1	Off	17	8	25	5	1	6
Animal Science	F&FW	Importance of deworming, vaccination in livestock	1	Off	14	11	25	2	5	7
Animal Science	RY	Value addition to livestock produces	2	On	10	5	15	5	0	5

H) Vocational training programmes for Rural Youth

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 elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Cauliflower	Seed production	Vegetable seed production	5	7	3	10	2	2	2	--
Tomato	Value addition	Preparation of various value added products from horticultural crops	5	1	9	10	2	2	2	--
Organic farming	Organic Farming	Organic Farming	5	7	3	10	3	3	3	--

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
					PF/RY/EF		Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Mushroom cultivation, spawn production and processing	Mushroom production	June	4	RY	1	8	2	3	3	1	3	11	3	6	20	ATMA
2.	Vegetable cultivation	Vegetable cultivation	July	2	RY	1	10	2	6	0	0	0	10	2	6	18	ATMA
3.	Organic farming	Organic farming	July	2	RY	1	7	2	5	1	0	0	8	2	5	15	ATMA

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	5	179	71	250	18	8	5	13	187	76	263
KisanMela	1	118	82	200	22	12	7	19	130	89	219
KisanGhosthi	1	33	17	50	24	2	2	4	35	19	54
Exhibition	3	--	--	--	--	--	--	--	--	--	Mass
Film Show	12	132	78	210	20	24	2	26	156	80	236
Method Demonstrations	5	65	98	163	23	8	4	12	73	102	175
Group meetings	14	144	110	254	22	23	8	31	167	118	285
Lectures delivered as resource persons	12	185	164	349	23	16	8	24	201	172	373
Advisory Services	8	16	8	24	16	6	2	8	22	10	32
Scientific visit to farmers field	102	850	376	1226	20	22	12	34	872	388	1260
Farmers visit to KVK	1260	970	290	1260	24	8	2	10	978	292	1270
Diagnostic visits	24	250	34	284	20	38	12	50	288	46	334
Exposure visits	1	8	2	10	22	2	--	2	10	2	12
Ex-trainees											

Sammelan											
Soil health Camp	2	192	108	300	25	24	13	37	216	121	337
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet	5	88	12	100	22	16	5	21	104	17	121
Self Help Group Conveners meetings	2	--	35	35	27	3	2	5	3	37	39
MahilaMandals Conveners meetings											
Celebration of important days (specify)	5	266	76	342	24	34	14	48	300	90	390
Sankalp Se Siddhi	1	220	130	350	28	8	2	10	228	132	360
Swatchta Hi Sewa	3	47	23	70	28	10	6	16	57	29	86
MahilaKisan Divas	1	--	50	50	30	3	2	5	3	52	55
Any Other Web telecast of PMs address	1	312	188	500	37	18	9	27	330	197	527
Total	**1468**	**4075**	**1952**	**6027**	**475**	**285**	**117**	**402**	**4360**	**2069**	**6428**

B. **Other Extension activities**

Nature of Extension Activity	No. of activities
Newspaper coverage	4
Radio talks	3
TV talks	2
Popular articles	-
Extension Literature	-
Other, if any	
Book/ Booklet	3
Leaflets	2
Poster/Flex	22
News letter	2
Technical report	24
Training material	40
Year planner	1
CDs/ DVDs	**2**

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
--	--	--	--	--	--

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Turmeric	Roma	0.85	2490	4
Dhanicha	Local	2.0	4000	10
Grand Total		2.85	6490	14

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials (No)	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower	Merrut	2240	4490	5
Cabbage				
Tomato	Arka Rakhyak ,	12640	25280	22
Brinjal	Utkal Keshari	7600	7600	12
Chilli				
Onion	Bhima Super	96000	24000	28
Drumstick	PKM-1	105	1050	6
Papaya	Red Lady & Vinayak	800	12000	18
Fruits				
Mango				
Guava				
Lime				
Papaya				
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Total		119385	74420	91

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted
Bio-fertilizers			
Bio-pesticide			
Bio-fungicide			
Bio-agents			
Vermin	800 No		2
Vermicompost	1085 kg	11650	6
Total		11650	8

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Poultry chicks	Vanaraja	500 No	27050	10
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total		500	27050	10

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			
			Target	Area sown (ha)	Production (q)	Category of Seed (F/S, C/S)
Kharif 2017	Turmeric	Roma	0.8	0.8	0.83	TL
Kharif 2017	Dhanicha	Local	1.0	1.0	2	TL

iii) Financial Progress

Fund received (2016-17 and 2017-18)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	--	--	--	--
2017-18	--	--	--	--

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	1. Value addition of Mushroom 2. Sweet Corn cultivation	Dr. Biswa Ranjan Pattanaik Sri Prabhanjan Mishra	2	1000
Bulletins				
News letter	KVK News letter NICRA News letter	Dr. Biswa Ranjan Pattanaik	2	1000
Popular Articles				
Book Chapter				
Extension				

Pamphlets/ literature				
Technical reports			24	50
Electronic Publication (CD/DVD etc)	Mushroom Spawn production IFS	Dr. Biswa Ranjan Pattanaik Sri Monoj Kumar Barik	2	--
TOTAL			31	

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.	Workshop in CFLD at ATARI, Kolkata	Oilseed and Pulse production	Monoj Kumar Barik Scientist (Extension)	24.02.2018	ATARI, Kolkata
2.	Training cum workshop (Improved production practices in Horticulture crops) at IIHR, Bangaluru	Improved production practices in Horticulture crops	Prabhanjan Mishra Scientist (Horticulture)	April 4-6, 2018	IIHR, Bengaluru
3.	Cutting-edge Technologies for Horticultural crops under climate change.	Cutting-edge Technologies for Horticultural crops under climate change.	Prabhanjan Mishra Scientist (Horticulture)	November 20—22 2017	IIHR, Bengaluru

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	Smt. Nalini Patel
Address	Village- Keldamal,Block-Kolabira,Dist- Jharsuguda Odisha-768202
Contact details (Phone, mobile, email Id)	9668172971
Landholding (in ha.)	8.0
Name and description of the farm/ enterprise	**Post Harvest Management Of Banana Using Low Cost Ripening Chamber**
Economic impact	Net income-515300/- per ha
Social impact	Adoption percentage is more.
Environmental impact	Eco-Friendly, less carcinogenic
Horizontal/ Vertical spread	Five banana cultivator.

Sl .No	**Particulars**	**Details**
1.	Name Of The Farmer	Smt. Nalini patel
2.	Address	Village- keldamal Block-kolabira Dist- jharsuguda Odisha-768202
	(I) Village	Keldamal
	(Ii) Post	Godigaon

	(Iii) Tehsil	Kolabira
	(Iv) District	Jharsuguda
	(V) State	Odisha
3.	Contact Details	9668172971
4.	Details Of Farm (Size Wateravailabilityetc	8.0 ha Irrigated-2.0 ha (borewell with fertigation)
5.	Membership In Self·Help Group Producers Cooperative Society Etc	Radha krushna farmers club
6.	Names Of The Central Sector State Schemes Utilized By The Farmer And The Period	Nhm, atma, watershed,rkvy
7.	Technologies' Good Agricultural Practices' Facilities' Benefits Obtained With Details	A simple method is standardized at indian institute of horticultural research (iihr), bangalore for enhancing the ripening process by exposing the fruits to ethylene gas released from liquid ethrel/ethephon. Method: • Place the mature fruits in ventilated plastic crates and put them inside an air-tight plastic tent/chamber/room • Take required (2 ml per every 1 cum room size) quantity of ethrel into a container and place inside the tent/room • Add required quantity (@ 0.25 g per every 1 ml ethrel used) of sodium hydroxide (caustic soda) for releasing the ethylene gas from liquid ethrel and seal the tent airtight immediately. If required, a small battery operated fan can be placed inside the tent/room for uniform circulation of released ethylene gas • Open the tent after 18-24 hours of exposure and shift the crates to ambient temperature or low temperature of 20-24°c (grand naine bananas) for completing the ripening process

8. Details Of Results Obtained Due To The Adoption Of Technologies (Results Achieved)

Sl. No	**Particulars**	**Improved /Present production technologies**	**Traditional /past production practices**
I	Techniques Adopted For Ripening Of Banana	2-Chloro ethyl phosphonic acid (Ethrel) @2ml per M^3 + Sodium Hydroxide (Caustic Soda/NaoH) @0.25 gm per 1 ml Ethrel.	Ripening by using Calcium Carbide
II	Productivityperhectare	694 q/ha	694 q/ha
III	Costof Production Per Hectare	Rs.317500/-	Rs.312500/-
IV	Toatl Gross Income Per Hectare	Rs.832800 (@ Rs.12/kg)	Rs.694000/- (@ Rs.10/kg)
V	Net Income Per Hectare	Rs.515300/-	Rs.381500/-

VI	Price Realized (Rs. Per Qtl.)	Rs.743/-	Rs.550/-
VII	Other Qualitative Benefits/ Days To Ripen, Colour Development,Tss,Health Hygine.	Days to Ripen-3 , Uniform ripening, i.e proper colour development of pericarp, more sweetness, eco-friendly,	Days to Ripen-5 , Un- uniform ripening, i.e blotch colour development of pericarp, a bit sour
VIII	Product Quality Improvement	Free from residual toxicity	Highly carcinogenic
Sl. No	Particulars	Details	
10	Factors Contributing To Success	Uniform Ripening of Banana during post harvest management colour development is very much attractive. Also more sweetness that is more TSS % development. before any festival season, by application of this low cost ripening treatment lead to good price realization and also meet the demand of festive season, less toxic, as ethylene gas is used for ripening.	
11	Any Other Relevant Information	Tissue culture Banana cultivation is best option for crop diversification. In future the farmer is planning for fibre extraction from banana pseudo stem by the technological guidance of KVK, Jharsuguda.	
12	Marketing Strattegy Access To Market (Through Private Cooperative , Contract Farming Etc)	If the bunch of Banana is matured, then we can control the ripening process of Banana leading to more price realization. Also it is highly accepted by the end user i.e consumer due to its appearance and taste leading to consumer to pay Rs.2/- extra per kg than from banana either naturally ripened or by use of calcium carbide which is also carcinogenic.	

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

- Interactive demonstration method
- Lecture method
- Group meeting and workshop
- Communication by mass media and print media

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
--	--	--	--

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Paddy	12.0	472 q	30	Y

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

- PRA method
- Farmers interaction and group discussion
- Training need assessment
- Questionnaire development

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

Sl. No	Name of the Equipment	Qty.
1	Automatic Nitrogen Analyzer with digestion unit	1
2.	Mrida Parikshak 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			
--	45	45	280	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	Celebration of World Soil Day	250	8	Sri Laxmi Narayan Patel, Chairman, Zilla Parishad, Jharsuguda Dr.Sitaram Patel Additional District Magistrate, Jharsuguda Sri Durga Prasad Rath, Lead bank Manager. Mr. Sebastian Kerketta, DDA (I/C) Jharsuguda Sri Kapilendra Swain, PD, Watershed Sri Binaya Bhusan Patra, SDVO, Jharsuguda Smt. Binapani Naik, Assistant District Fishery Officer, Jharsuguda Mr. Amber Lugun, Assistant Director Horticulture, Jharsuguda	120	200

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) Yes

No of student trained	No of days stayed
11	45

ARS trainees trained	No of days stayed
--	--

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

Date	**Name of the person**	**Purpose of visit**
21.06.17	Sri Kirti Kanta Swain, Manager, SBI, RBO, Jharsuguda	Attended the PMFBJ awareness programme
21.06.17	Sri Monoj Kumar Behera, DBM, SBI	Attended the PMFBJ awareness programme
	Sri Redish Kumar, Manager, ALC India, OPGC	Attended the PMFBJ awareness programme
30.07.2017	Sj. N. Maheswar Rao, DDA, Jharsuguda	Visited for convergence programme finalization.
04.08.17	Dr. F H Rehman, Principal Scientist, ATARI, Kolkata	Attended the 13th SAC meeting
04.08.18	Dr. H.K Sahoo, Dy. Director, Extension, OUAT	Attended the 13th SAC meeting
10.08.17	Sri Arun Kumar Agarwal, Dy. Manager Agriculture, SBI, Bhubaneswar	Discussed for involvement of banking personnel in R-E meeting.
29.08.17	Smt. Radharani Panda, Hon'ble MLA, Brajarajnagar, Jharsuguda	Chief Guest in Sankalp Se Sidhi Programme
29.08.17	Sri Trinath Gual, Representative of Hon'ble MP, Bargarh	Attended the Sankalp Se Sidhi Programme
29.08.17	Sri Debabrata Bhoi, AIR, Sambalpur	Attended the Sankalp Se Sidhi Programme
29.08.17	Sri Sitaram Patel, ADM, Jharsuguda	Attended the Sankalp Se Sidhi Programme
01.11.17	Dr. H.K Senapati, Professor, OUAT, Bhubaneswar	Monitoring of NICRA project
01.11.17	Dr. S. S Singh, Director, ATARI, Kolakata	Monitoring of NICRA project
01.11.17	Dr. Md. Osman, Scientist	Monitoring of NICRA project
01.11.17	Dr. B. Majhi	Monitoring of NICRA project
01.11.17	Dr, P.K Roul, Dean Extension Education, OUAT	Monitoring of NICRA project
	Dr. F H Rehman, Principal Scientist, ATARI, Kolkata	Monitoring of NICRA project

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Improved method of Groundnut cultivation with HYV.	20	80	36000	42000
Drought tolerant paddy variety Sahabhagidhan	20	90	18000	20200
Improved method of Greengram cultivation with HYV.	20	60	22500	24300
Weed management in paddy	20	90	18500	21200
Improved method of Sesame cultivation with HYV.	20	65	24000	28500
Varietal replacement of Potato variety-Kufri Surya	20	48	64000	83200
Backyard Poultry rearing -Vanaraja	20	62	450/bird	700/bird
Mushroom production techniques	20	35	160/bed	240/bed

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

4.2. Cases of large scale adoption
(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Ginger cultivation methods with HYV –Suprava	10	80	182000	276500
Cow pea cultivation with HYV-Kasi Kanchan	10	75	44300	63300

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-60 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	Mushroom Spawn and Mushroom production
Name & complete address of the entrepreneur	Ms. Sunita Naik
Role of KVK with quantitative data support:	At-Tangarpali,Talpatia Jharsuguda
Timeline of the entrepreneurship development	2014-15 :- Taken training from KVK on mushroom production 2015-16:- Conducted demonstration on Mushroom production 2016-17:- Taken training on spawn production 2017-18:- Started entrepreneurship on mushroom production.
Technical Components of the Enterprise	Mushroom production technique – Bed preparation, substrate treatment and marketing. Spawn production technique- Inoculation, mother culture preparation, bottling and marketing
Status of entrepreneur before and after the enterprise	Net profit- Before –Rs.130000/- per year, After- Rs.230000/- per year
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	12 villages

4.6. Any other initiative taken by the KVK:- Conducted trials on paddy varieties like- Sahabhagidhan, Bina-11,DRR-44, DRR-42 under IRRI project where the performance of all are good, except DRR-44.

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Regional Research & Technology Transfer Station, Chiplima, Sambalpur	Resource person, Technology and technical assistance
Central Horticultural Experiment station, Bhubaneswar	Agro Inputs and Technical assistance
Central Tuber Crop Research Institute, Bhubaneswar	Agro Inputs and Technical assistance
National Rice Research Institute, Cuttack	Resource person, Technology and technical assistance, Agro 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, Resource person, technical assistance, funding agency, input supply
Department of Fishery, Jharsuguda	Programme implementation , convergence mode action ,Resource person, technical assistance, funding agency, input supply
Watershed Development, Jharsuguda	Programme implementation , convergence mode action ,Resource person, technical assistance and assistance in infrastructure development
Department of Animal Husbandary,	Programme implementation , convergence mode

Jharsuguda	action , Resource person, technical assistance, Agro input supply
Odisha State seed corporation, Bargarh	Agro Input supply, seed certification, procurement of seed.
Odisha agro Industries corporation, Jharsuguda	Supply of farm implements, Agro inputs.
NABARD, Sundergarh	Farmers club formation, Resource person,
Lead bank, SBI, Jharsuguda	Suggestion in formation of technical programmes, Crop insurance.
MARKFED, Jharsuguda	Agro Input supply, convergence mode action
TRL-SBI-RSETI, **Belpahar**	Resource person, Technical assistance for capacity building
SEWA, Kolabira, (NGOs)	Programme implementation, convergence mode action, Resource person, Technical guidance
BES, Talpatia, Jharsuguda, (NGOs)	Programme implementation, convergence mode action, Resource person, Technical guidance
Access, Jharsuguda, (NGOs)	Programme implementation, convergence mode action, Resource person, Technical guidance
Central Poultry farm, Chiplima	Programme implementation, convergence mode action, Resource person, Technical guidance
Department of Social Welfare , Jharsuguda	Resource person and technical guidance

5.2. List of special programmes undertaken during 2017-18by 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.)**
Training on Mushroom cultivation, spawn production and processing	Capacity building	27.06.17 to 30.06.17	ATMA	60000
Training on vegetable cultivation	Capacity building	03.07.17 to 04.07.17	ATMA	14100
Training on Organic farming	Capacity building	03.07.17 to 04.07.17	ATMA	12300
TOTAL				**84600**

]

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 unit	2013	18	Vanraj	Chicks	500 Nos.	--	27050	
2.	Poly House	2013	120	HYV & Local	Seedling & saplings	119385 Nos.	--	75410	
3.	Vermicompost unit	2013	18	--	Vermicompost and Vermin	1085 kg 800 Nos	--	11650	
	Total		156				--	114110	

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	
Potato	22.12.17	24.03.18	0.04	K.Surya	Non seed	0.18	--	140	
Onion	11.10.17	12.2.18	0.04	Bhima Super	Non seed	0.32	--	320	
Turmeric	12.06.17	28.01.18	0.2	Roma	Seed	0.83	--	2490	
Sweet corn	07.06.17	25.08.17	0.04	Sugar-75	Non seed	1.08	--	2160	
Sweet corn	10.02.18	15.04.18	0.04	Sugar 75	Non Seed	0.60	--	1200	

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	

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.							

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)
June	20	4	--
June	15	2	--
July 2017	18	2	--
July-September 2017 (RAWE Student)	11	45	--
Total :	64	53	--

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: Yes
No. of staff quarters: 6
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	√	√	√	√		

* QVI -Damaged and needs major repairing.

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

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

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

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	
i) Critical input	--	Nil	--	166205	--
ii) TA/DA/POL etc. for monitoring	--	--	--	16227	--
iii) Extension Activities (Field day)	--	--	---	4104	--
iv)Publication of literature	--	--	--	0	--
Total	--	--	--	**186536**	--

7.4. **Utilization of KVK funds during the year 2017-18(Not audited)**

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	125000	125000	125000
3	Contingencies			
A	OE/POL			
B	FLD, OFT, Training	1098800	1098800	1098800
C	BM, TM			
D				
E				
F				
G				
H				
I				
J	Swatchta Expenditure			
TOTAL (A)		1098800	1098800	1098800
B. Non-Recurring Contingencies				
1	Office equipment	300000	300000	300000
TOTAL (B)		300000	300000	300000
C. REVOLVING FUND		200000	200000	392731
GRAND TOTAL (A+B+C)		**1598800**	**1598800**	**1791531**

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)
2015-16	1.35487	1.75974	0.54525	256936
2016-17	2.56936	1.63223	0.77495	0 (Rs.3.09664 refunded to DEE)
2017-18	0	1.92731	2.02109	0 ((Rs.1.90622 refunded to DEE)

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-
(iii) Details of marketing channels created for the SHGs-

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
Sankalp Se Sidhi	1	Kharif	√	--	--
World Soil Day	1	Rabi	√	--	--
Doubling the Farmers income	5	Both Kharif and Rabi	√	--	--
CFLD on Greengram	1	Summer	√		

8. **Other information**

8.1. **Prevalent diseases/Pest in Crops**

Name of the disease/Pest	**Crop**	**Date of outbreak**	**Area affected (in ha)**	**% Commodity loss**	**Preventive measures taken for area (in ha)**
BPH	Paddy	1st fortnight of November	120	8	55
Stem Borer	Paddy	1st fortnight of November	560	12	170

8.2. **Prevalent diseases in Livestock/Fishery**

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

9.1. **Nehru Yuva Kendra (NYK) Training**

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

9.2. **PPV & FR Sensitization training Programme**

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

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

Type of message	No. of messages	No. of farmers covered
Crop	22	
Livestock	5	
Fishery	1	
Weather	2	
Marketing	2	
Awareness	10	
Training information	4	
Other	2	
Total	**48**	**15000**

9.4. ***KVK* Portal and Mobile App**

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	1085
2.	No. of farmers registered in the portal	*200*
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 Swacha Bharat Programme**

Date of Observation	Activities undertaken
24.09.17	Cleaning of villages and awareness programme on use of Toilet
25.09.17	Cleaning of Brundamal Railway station
26.09.17	Cleaning of Public place- Temple
In 1st week of every month	Cleaning of office, campus and farm

b. **Details of Swachhta activities with expenditure**

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

15. No of VIP/VVIPs involved in the activities	4	--
16. Any other specific activity (in details)	--	--
Total	**69**	**--**

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
Gudigaon High School	03.12.2017	--	PPT presentation

Give good quality 1-2 photograph(s)

9.9. **Details of '*Sankalp Se Siddhi*'Programme**

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
29.08.17	--	--	--	Smt. Radharani Panda, Hon'ble MLA, Brajarajnagar, Jharsuguda	--	--	1	350	8	360	No.	No.

9.10. **Details of Swachhta Hi Sewa programme organized**

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleaning of villages and awareness programme on use of Toilet	1	30	--	-
2.	Cleaning of Brundamal Railway station	--	20	1	Station Master, Brundamal Station
3.	Cleaning of Public place-Temple	--	20	--	--

9.11. **Details of Mahila Kisan Divas programme organized**

Sl. No.	**Activity**	**No. of villages Involved**	**No. of Participants**	**No. of VIPs**	**Name (s) of VIP(s)**
1	Essay competition, awareness programme on importance of farm women.	1	50	1	Sarpanch of village Sulehi.

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

Sl. No.	**Name of Farmer**	**Address of the farmer with contact no.**	**Innovation/ Leading in enterprise**
1	Ms. Sunita Naik	At-Tangarpalli ,Talpatia, Jharsuguda 09438047109	Mushroom spawn and Mushroom production
2.	Smt. Padmabati Bhoi	At-Banjari, Block-Lakhanapur 9668587758	Mushroom Production

3.	Sri Ashok Naik	At-Durlaga, Jharsuguda 9938564313	Integrated Farming System
4.	Sri Susanta Naik	At-Ghantamal,Block-Kolabira Jharsuguda 9777468457	Innovative Framer

9.13. **HRD programmes attended by KVK person**

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Workshop in CFLD at ATARI, Kolkata	24.02.2018	Monoj Kumar Barik	Scientist (Extension)	ATARI, Kolkata
Training cum workshop (Improved production practices in Horticulture crops) at IIHR, Bangaluru	April 4-6, 2018	Prabhanjan Mishra	Scientist (Horticulture)	IIHR, Bangaluru
Cutting-edge Technologies for Horticultural crops under climate change.	November 20—22 2017	Prabhanjan Mishra	Scientist (Horticulture)	IIHR, Bangaluru

9.14. Revenue Generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Hiring charges of farmers hostel and conference hall	22300	ATMA, NGOs & Dept. of Horticulture,

9.15. Resource Generation

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

9.16. 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	NICRA Project	Not Functioning

9.17. 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	7	112	Diagnostic visit, field visit to the BPH and Stem borer affected area and suggestion given for its

					management.

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

a) Year:

b) Introduction / General Information:

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

11. **Details of TSP NA**

a. Achievements of physical output under TSP during 2017-18

Programmes	**Physical achievements**
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
No. of otherprogrammes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2017-18 (Rs. In lakh):

c. Achievements of physical outcomeunder TSP during 2017-18

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural implements/ tools etc.	No. per household	

d. Location and Beneficiary Details during 2017-18

District	*Sub-district*	*No. of Village covered*	*Name of village(s) covered*	*ST population benefitted (No.)*		
				M	F	T

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
Green manuaring (dhaincha) in Paddy	15	15	6.0	15	Increasing soil health for better crop growth & helps in sustainable crop production.
In-situ moisture conservation through ridge and furrow method in cow pea.	10	10	2.0	10	Increases water use efficiency of crop through ridge & furrow & increase in soil health.
In-situ moisture conservation through ridge and furrow method in Radish.	10	10	2.0	10	Increases water use efficiency of crop through ridge & furrow & increase in soil health.
Low Cost Poly House	2	2	-	2	Raising of vegetable seedlings in control temperature and climatic condition

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks
Drought tolerant paddy var. Sahabhagidhan	6	30	Management to drought tolerant in high temperature condition is less, so use of resistant variety increases yield.
Crop Diversification by of Hybrid Maize	2.5	10	Maize having capacity to grow in moisture stress condition replaces paddy areas in upland
Up-scaling of Paddy var-Pratikshya	6	20	Tolerant to pest and diseases
Demonstration on short duration Green gram variety-OBGG-52	4	10	Use of residual moisture, growing leguminous crops like-short duration Greengram variety- OBGG-52
Boron application in cauliflower	2	10	Boron application increases the quality of head even if low temperature.
Application of neem cake in Cauliflower	1	10	Water conservation by improving the OC of soil, reducing residual toxicity, pest

			infestation is less
Soil test based nutrient management in Brinjal.	2	10	Azotobacter , Azospirillum and PSB @ 2.5 kg./ ha. Each, soil application of borax 10 kg. per ha. and recommended dose of FYM and NPK.
Cultivation of oyster mushroom (Var. P.Sajarcaju)	-	10	Cultivation of oyster mushroom cultivation for income generation.
Cultivation of paddy straw mushroom *Volvariella volvaceae and Volvariella diplasia*	-	10	Cultivation of paddy straw mushroom cultivation for income generation.

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks
Animal Health Camp (HS+BQ)	149 animal treated	1	-	30	Disease Management in small & large ruminants by giving vaccines & medicines.
Rearing of Backyard poultry variety-Banaraja	250	10	-	10	The Banaraja is adaptable to extreme temperature condition
Breed up gradation of buck var. Black Bengal	2	2	-	2	Breed up gradation var. Black Bengal buck even it in extreme climate have good growth
Use of Vitamin mineral mixture Minfa Gold in cow for better milk secretion	10	5	-	5	Feeding of Mineral mixtures blocks along with health management
Cementing floor of Cattle	10	2	-	2	Construction of cementing with well drainage system which prevent Cattle from disease.

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks
Custom hiring center	1	-	45	Use of farm implements by farmers in low price.

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total
Organic Farming.	1	13	12	25
Vermi-composting	1	10	15	25
Soil sample collection technique	1	17	8	25

INM	1	8	17	25
Mushroom production	2	12	38	50
Off- season Vegetable Cultivation	1	12	13	25

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total
Field day on drought tolerant Rice var. Sahabhagidhan	1	27	23	50
Field day on Ridge & furrow method in Cowpea	1	32	18	50
Field Day on Backyard Poultry	1	41	9	50
Field day on Cultivation of Greengram Var. OBGG-52	1	40	10	50
Awareness campaign on Swachha Bharat Abhiyan.	1	24	26	50
Animal Health camp	1	47	9	56
Exposure Visit	2	18	18	36

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best Farmers Award	Smt. Nalini Patel	2017	OUAT, Bhubaneswar	--	Banana cultivation
2.	Best farmer award	Ms. Sunita Niak	2017	ICAR-RCER, Patna	--	Mushroom Production

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	Juvenile Phase	53069	--	10	--
2	Mango Orchard	1.0	Juvenile Phase	35382	--	20	--
3	Tissue culture pomegranate orchard	0.2	Flowering stage	20217	--	08	--
4	Mixed fruit orchard	0.2	Flowering stage	17690	--	04	--
5	Poultry unit	500 nos	500 Nos.	14050	27050	10	--
6	Duckery Unit	100 nos.	Under Rearing	5520	--		--
7.	Pineapple on RWHS dyke	500 nos.	Vegetative growth	2500	--		--
8.	Vermicompost unit	1085 kg		3000	7850	7	--
9	Vermin	2 kg		200	800		--

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 the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
Module-I					
1	Intercropping of Cow pea, var-Kasi Kanchan	Intercropping of Cow pea, var-Kasi Kanchan	43300	5	
2	FLD on Paddy variety Manaswini	INM in paddy Azosprillum and PSB @ 5kg/ha +Znso4-25kg/ha	28800	5	
3	Varietal demonstration on potato var. K. Jyoti	INM in potato-Azatobactor and PSB @ 2.5kg/ha.+ 10 kg mixed micro nutrient/ha(Zn, Cu,Mg,Fe)	110000	5	
4	Rearing of Vanaraja poultry	Vaccination of Vanaraja Bird rearing 50 Chicks /6 month	600/ bird	5	
5	Intercropping of Greengram var. TARM-I with pomegranate	INM in Greengram IPM-02-14 + Rhizobium treatment	42,800	5	
Module-II					
6	FLD on Paddy variety Sahabhagidhan	Weed management in paddy by application of Pretilachlor 1250 ml/ha within 48 hr of transplanting or Post emergence application of Bispyribac sodium @ 250ml /ha.	23700	5	

7	FLD on Paddy variety Manaswini	Weed Management In Paddy, Pre emergence application of Pretilachlor@1250ml/ha or Post emergence Bispyribac sodium @ 250ml /ha.	33400	5	
8	Backyard poultry rearing breed-Vanaraj	Vanaraja Bird rearing 50 Chicks/6 month-Low cost poultry house.	560/ bird	5	
9	FLD on Potato-Kufri Jyoti	INM in potato-STBF appln+ 10 kg mixed micro nutrient/ha (Zn, Cu,Mg,Fe)	118000	5	
10	OFT Onion var- Bhima super	INM in Onion ZnSo4 25 kg/ha with NPK-STBF	132500	5	
11	Demonstration on IMC Fish culture	IMC + Chinese carp	162000	5	
12	Paddy straw mushroom	Mushroom cultivation (Paddy straw/Oyster) (50 beds each/quarter	11000	5	
Module-III					
13	FLD on Paddy variety Manaswini	Paddy var. Manaswini, Line transplanting , STBF application .	32300	5	
14	FLD on pointed gourd.	Pointed gourd (9:1M:F), STBF, bio fertilizer @5 kg/ha (Azatobactor + PSB), MgSo4@ 25kg/ha.	62000	5	
15	FLD on Potato-Kufri Jyoti	Potato variety- K. Jyoti	112000	5	

16	Backyard poultry rearing breed-Banaraja	Vanaraja Bird rearing 50 Chicks/6 month-Low cost poultry house .	520/ bird	5	

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

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	**Total no. of villages**	**Total no. of farmers**	**Date of formation**	**Name of members**	
I (up-to 15.03.2018)	--	--	January 2018	All line department officials of Jharsuguda with chairmanship of DDA, Jharsuguda	➢ Farmer interaction ➢ Group discussion ➢ Meeting
II (up-to 24.04.218)	356	7820			
Total	356	7820			

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	Workshop on IRRI trials	31.03.18	KVK conference hall	To disseminate the performance of different paddy varieties.	50

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