PROFORMA FOR ANNUAL REPORT2017-18 (April 2017to 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
KVK,Nabarangpur P.O-Badakumari,Umrkote Dist-Nabarangpur,Odisha Pin-764073	Office	FAX	
	06866 270530	06866 270530	nabarangapurkvk@yaho.co.in, kvknabarangapur.ouat@gmail.com

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-751003, Odisha, India	**0674-2397362**	**0674-2397362**	deanextensionouat@yahoo.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Narayan Bar		8917575257 8895615450	barnarayan@gmail.com

1.4. Year of sanction of KVK: 2004

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	Programme Coordinator	Mr.Gobinda Chandra Sahoo	Sr.Scientist & Head (I/C)	Soil Science	15600-39100	05.05.2006	Temporary	Gen
2	Subject Matter Specialist	Dibyaranjan Mishra	Scientist	PB & G	15600-39100	01.06.2015	Temporary	Gen
3	Subject Matter Specialist	Dr.Subhas Hansda	Scientist	Plant Pathology	15600-39100	16.12.2015	Temporary	ST
4	Subject Matter Specialist	Paritosh Murmu	Scientist	Agronomy	15600-39100	01.01.2016	Temporary	ST
5	Subject Matter Specialist	--	--	--	--	--	--	--
6	Subject Matter Specialist	--	--	--	--	--	--	--
7	Subject Matter Specialist	--	--	--	--	--	--	--
8	Programme Assistant	--	--	--	--	--	--	--
9	Computer Programmer	--	--	--	--	--	--	--
10	Farm Manager	Miss.Binapani Taria	Farm Manager	Horticulture	9300-34800	06.02.2015	Temporary	SC
11	Accountant / Superintendent	--	--	--				
12	Stenographer	--	--	--				
13.	Driver	Janmejaya Saho	Driver cum Mechanic	-	5200-20200	25.07.2008	Temporary	Gen
14.	Driver	Rajanikanta Pattanaik	Driver cum Mechanic	-	5200-20200	28.07.2018	Temporary	Gen
15.	Supporting staff	Hrushikesh Pradhan	Peon cum Watchman	-	4750-7750	01.12.2014	Temporary	Gen
16.	Supporting staff	Bharata Jena	Peon cum Watchman	-	4750-7750	01.08.2008	Temporary	Gen

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.5
2.	Under Demonstration Units	0.2
3.	Under Crops	9.5
4.	Agro-forestry	3.8
5	Old Mango Orchard	0.8
6	New Mango Orchard	1.2
7.	Cashew Orchard	1.2
8	Lemon Orchard	0.8
	Total	20

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								
2.	Farmers Hostel								
3.	Staff Quarters (6)								
4.	Piggery unit								
5	Fencing								
6	Rain Water harvesting structure								
7	Threshing floor								
8	Farm godown								
9.	Dairy unit								

10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others,Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	29.06.2012	650000	78355	Running condition
Motor Byke	2012	55000	5000	Running condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
	2017	86800	Working	ICAR
b. Farm machinery				
Tractor	2000	400000		DPP,OUAT
Power Tiller	2006	75000		DPP ,OUAT
c.AV Aids				

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund

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.	18.12.2017	30	Popularization of intercropping system in upland situation shuld be taken up in the district	FLD on Maize and cowpea has been taken in rabi,2018-19	
			Trialshould be conducted on micronutrient management practices	OFT on foliar application of Boron and Molybdenum in cauliflower has been taken in Rabi,2018-19	
			Popularization of non paddy crops like groundnut, chick pea and Black gram in upland situation	FLD on groundnut and Black gram and chick pea under cluster demonstration has been taken during kharif 2018 and rabi 2018-19	
			Emphasis should be given on income	OFT on Oyster mushroom	

			generation activities for farm women in the district	cultivation has been taken for more income of farm women of the district	
			Off-season vegetable cultivation should be popularized	FLD on off-season cultivation of triple resistant tomato variety Arka rakshak has been taken during kharif 2018	
			Emphasis should be given on value addition	FLD on value addition of Mushroom and Mize has been taken during kharif2018 and rabi 2018-19	
			Popularisation of floriculture should be given importance	FLD on Marigold cultivation has been taken during rabi 2018-19	

** 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	Rice-Maize-Redgram
2	Agro-climatic Zone	Eastern Ghat High Land
3	Agro ecological situation	Eastern Ghat High Land zone of Odisha
4	Soil type	Sandy Clay Loam ,Mixed red and Black soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice- 1790 kgs/ha,Maize-3318 kgs/ha,Ragi-822 kgs/ha,Red gram-858

		kgs/ha,Groundnut-1100 kgs/ha
6	Mean yearly temperature, rainfall, humidity of the district	Mean annual temperature-24.8˚C Mean annual rainfall-1569mm,Mean annual humidity-58%
7	Production of major livestock products like milk, egg, meat etc.	Milk

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		Jharigaon	Monguda	➢ Maize ➢ Rice ➢ Tomato ➢ vegetables	➢ Cracking of tomato fruit ➢ Indiscri minate use of nitrogen fertilizer ➢ Malnutri tion	➢ Integrated nutrient management ➢ Prcessing and value addition ➢ Crop diversification with pulses ➢ Nutritional food security ➢ Backyard poultry rearing ➢ Integrated pest management ➢ Mushroom cultivation
2		Umerkote	Chikalpador	➢ Groundnut ➢ Rice ➢ Vegetables	➢ Cultivati on of cereals not growing of pulses leades to soil deterioration ➢ High incidence of Rice stem borer	➢ Crop diversification with pulses ➢ Integrated pest management ➢ Integrated pest management ➢ Nutritional food security ➢ Backyard poultry rearing ➢ Mushroom cultivation

3		Nandahandi	Sindhiguda	Rice Blackgram Sugarcane Vegetables	➢ Cultivation of cereals not growing of pulses leades to soil deterioration ➢ Indiscriminate use of chemical fertilizer ➢ Malnutrition	➢ Crop diversification with pulses ➢ Integrated pest management ➢ Integrated nutrient management ➢ Backyard poultry rearing ➢ Mushrom cultivation ➢ Nutritional food security
4		Raighar	Chatabeda	➢ Maize ➢ Rice ➢ Vegetables	➢ Cultivation of cereals not growing of pulses leades to soil deterioration ➢ Indiscriminate use of chemical fertilizer ➢ Malnutrition	➢ Integrated nutrient management ➢ Mushroom cultivation ➢ Integrated pest management ➢ Processing and value addition ➢ Backyard poultry rearing ➢ Nutritional food security
5		Dabugaon	Junapani	➢ Maiz ➢ Rice ➢ Vegetables	➢ Cultivation of cereals not growing of pulses leades to soil deterioration ➢ Indiscriminate use of chemical fertilizer ➢ Malnutrition	➢ Processing and Value addition ➢ Integrated nutrient management ➢ Integrated pest management ➢ Nutritional food security ➢ Backyard poultry rearing ➢ Mushroom cultivation

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
Monoguda	Jharigan	➢ Demonstration on Varietal substitution of Black gram Var PU-31 for local var ➢ Demonstration on vermicompost production ➢ Demonstration on Varietal substitution of Green gram var IPM 02-03 for local var. ➢ Demonstration on IPM for Yellow stem borer management in rice ➢ Demonstration on Oyster Mushroom cultivation ➢ Rearing of dual purpose poultry bird var Banaraja ➢ **Demonstration on IPM for Yellow stem borer management in rice** ➢ **CFLD on Groundnut cultivation** ➢ **Assessment of Boron in Tomato** ➢ **Assessment of Pusa hydrogel in late rabi Tomato** ➢ **Assessment of Minimum tillage on Maize yield**
Chikalpador	Umerkote	➢ **CFLD on Groundnut** ➢ **Demostration on Varietal substitution of Mandakini**

		var of Rice for Local var Bharati ➢ **Demonstration on vermicompost production** ➢ **Demonstration on Oyster Mushroom cultivation** ➢ **Rearing of dual purpose poultry bird var Banaraja** ➢ **Demonstration on IPM for Yellow stem borer management in rice** ➢ **Assessment of Pusa hydrogel in late rabi Tomato**
Junapani	Dabugaon	➢ **Cultivation of Blackgram – PU-31** ➢ **Demonstration on management of Sclerotial wilt of Brinjal** ➢ **Demonstration on Oyster Mushroom cultivation** ➢ **Rearing of dual purpose poultry bird var Banaraja** ➢ Demonstration on vermicompost production ➢ **Demonstration on IPM for Yellow stem borer management in rice**
Sindhiguda	Nandahandi	➢ **Demonstration on management of Sclerotial wilt of Brinjal** ➢ **Demostration on Varietal substitution of Mandakini var of Rice for Local var Bharati**

		➢ **Rearing of dual purpose poultry bird var Banaraja** ➢ **Demonstration on Oyster Mushroom cultivation** ➢ **Demonstration on IPM for Yellow stem borer management in rice** ➢ Demonstration on vermicompost production ➢ **Demonstration on management of Sclerotial wilt of Brinjal**
Chatabeda	Raighar	➢ **Demonstration on management of Sclerotial wilt of Brinjal** ➢ Demonstration on vermicompost production ➢ **Demonstration on Oyster Mushroom cultivation** ➢ **Rearing of dual purpose poultry bird var Banaraja** ➢ **CFLD on Chickpea cultivation** ➢ **Assessment of Boron in Tomato** ➢ **Assessment of Pusa hydrogel in late rabi Tomato** ➢ **Assessment of Minimum tillage on Maize yield**

2.1 Priority thrust areas

S. No	Thrust area
1.	Soil health & fertility management

2.	Crop substitution & cropping system
3.	Weed management
4.	Pest & disease management
5.	Mushroom Cultivation
6.	Backyard poultry rearing
7.	Dry land Farming
8.	Nutritional Food Security
9.	Drudgery Reduction
10.	Non land enterprises
11.	Fruit & Vegetable Cultivation
12.	Marketing awareness

3. TECHNICAL ACHIEVEMENTS

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

OFT		FLD	
No. of technologies:8		No. of technologies:11	
Number of OFTs	Number of farmers	Number of FLDs	Number of farmers

Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
8	3		SC/ ST	Others	Total	11	7		SC/ ST	Others	Total
		56	21	-	21			110	70	-	70

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
76	35	1650	795	-	795	11	16	2140	3821	675	4496

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
60	42.7	0.1	0.056

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
Nil	Nil	0.01	0.0116

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper	-	-
Seminar/conference/ symposia papers	-	-
Books	-	-
Bulletins	-	-
News letter	-	
Popular Articles	-	-
Book Chapter	-	--
Extension Pamphlets/ literature	4	4000
Technical reports	-	-
Electronic Publication (CD/DVD etc)	2	60

TOTAL	6	4060

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	**Assessment of Boron in Tomato**
2.	Problem diagnosed	Poor yield due to improper nutrient management, fruit cracking
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO1:**STBFA(150:100:50),application of Borax@10 kg/ha basal and 0.2 % borax spray at pre-flowering stage **TO-2** : STBFA(150:100:50), 0.1 % borax spray at pre -flowering (Assessed)
4.	Source of Technology	OUAT
5.	Production system and thematic area	Micronutrient management,Irrigated medium land,Maize-vegetable cropping system
6.	Performance of the Technology with performance indicators	Good performance No.of cracked fruits,Yield,B:C Ratio
7.	Final recommendation for micro level situation	STBFA(150:100:50kg/ha),application of Borax@10 kg/ha basal and 0.2 % borax spray at pre-flowering stage
8.	Constraints identified and feedback for research	Farmers having less faith on micronutrient largely depend on major nutrients. Farmers are happy seeing the result of micronutrient application

9.	Process of farmers participation and their reaction	Good participation and they really happy with the result and promised to use micronutrient in their field

Thematic area: Micronutrient management

Problem definition: Poor yield due to improper nutrient management, fruit cracking

Technology assessed: **Assessment of Boron in Tomato**

Table:

Technology option	No. of trials	Yield Parameters	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
	7						
FP- Sole application of N,P,K		No. of cracked fruits/plant -8	197.35	61000	138145	77145	2.26
TO-1-STBFA(150:100:50),application of Borax@10 kg/ha basal and 0.2 % borax spray at		No. of cracked fruits/plant -1	218	62000	152600	90600	2.46

pre-flowering stage							
T0-2-STBFA(150:100:50), 0.1 % borax spray at pre -flowering		No. of cracked fruits/plant -3	209	61500	146300	84800	2.38

OFT-2

1.	Title of On farm Trial	**Assessment of Minimum tillage on Maize yield**
2.	Problem diagnosed	Land degradation,Burning of POL, higher cost of cultivation and air pollution
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO1:**Sowing maize by zero tillage(seed drill) **TO-2:**Sowing by minimum tillage (Assessed)
4.	Source of Technology	OUAT,2011-12
5.	Production system and thematic area	Irrigated medium land,Rice-maize cropping system Crop Production
6.	Performance of the Technology with performance indicators	Good performa Yield(q/ha),B:C Ratio

7.	Final recommendation for micro level situation	Sowing of maize by minimum tillage
8.	Constraints identified and feedback for research	Initially not interested to adopt sowing by zero tillage and minimumtillage
9.	Process of farmers participation and their reaction	Good participation partly believed on minimum tillage

Thematic area: Crop Production

Problem definition: Land degradation,Burning of POL, higher cost of cultivation and air pollution

Technology assessed: **Assessment of Minimum tillage on Maize yield**

Table:

Technology option	No. of trials	Yield component	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
	7						
FP-Tractor ploughing of entire land		Grain weight /Cob(gm)- 163.75	**55.75**	48000	78050	30050	1.62
TO1: Sowing maize by zero tillage(seed		Grain weight /Cob(gm)-171.4	**57.45**	42000	80430	38430	1.92

drill)							
TO-2: Sowing by minimum tillage		Grain weight /Cob(gm)- 183.7	**59.25**	42800	82950	40150	1.94

OFT-3

1.	Title of On farm Trial	**Assessment of Pusa hydrogel in late rabi Tomato**
2.	Problem diagnosed	Cost of irrigation is more,Water scarcity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO1:**Soil application of Pusa hydrogel @4kg/ha with FYM at the time of final land preperation and irrigation at 25 days interval **TO-2**:Soil application of Pusa hydrogel @6 kg/ha with FYM at the time of final land preparation and irrigation at 25 days interval (Assessed)
4.	Source of Technology	IARI,2015
5.	Production system and thematic area	Irrigated medium land,Maize-vegetable cropping system Crop production
6.	Performance of the Technology with performance indicators	Good performance

		Individual fruit wt., Yield,B:C ratio
7.	Final recommendation for micro level situation	Soil application of Pusa hydrogel @6 kg/ha with FYM at the time of final land preparation and irrigation at 25 days interval
8.	Constraints identified and feedback for research	Initially not interested to adopt technology
9.	Process of farmers participation and their reaction	Good participation and they really happy with the result

Thematic area: Crop production

Problem definition: Cost of irrigation is more,Water scarcity

Technology assessed: **Assessment of Pusa hydrogel in late rabi Tomato**

Table:

Technology option	No. of trials	Yield component	Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
	7							
FP- Irrigation once in 7-10 days interval		Individual fruit wt.(Avg.) 61 g		168	37000	117600	80600	3.18
TO1:Soil application of Pusa hydrogel @4kg/ha with FYM at the time of final		Individual fruit wt.(Avg.) 69.2 g		179	39000	125300	86300	3.21

land preperation and irrigation at 25 days interval								
TO-2:Soil application of Pusa hydrogel @6 kg/ha with FYM at the time of final land preparation and irrigation at 25 days interval		Individual fruit wt.(Avg.)-70 g		192	40000	134400	94400	3.36

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.	Black gram	Crop Production	**Demonstration on Varietal substitution of Black gram Var. PU-31 for local var**	1	1	10	-	10	

			VarietyPU31,Seedrate20 kg/haSpacing(30x10)cm, seed treatment with vitavaxpower@2g/kg of seed and Rhizobium culture @20g/kg of seed						
2.	Rice	Crop Production	**Demonstration on Varietal substitution of Mandakini var of Rice for Local var. Bharati** Rice var. Mandakini, Transplanting of 21 days old seedling Linetransplanting 20 cm x 15 cm	1	1	10	-	10	
3.	Rice	IPM	**Demonstration on IPM for Yellow stem borer management in rice** Application of neem oil @ 5 ml/lit at 30 DAT as foliar spray, + Soil application of Cartap hydrochloride 4G @ 7.5 Kg /ha at 1st top dressing + Installation of Pheromone trap 20 nos. /ha	1	1	10	-	10	
4.	Vermicompost	INM	Demonstration on vermicompost production Vermicompost Production in Vermibeds(Polly Bags-12X 4X2 ft	10 beds	10 beds	10	-	10	
5	Brinjal	IPM	**Demonstration on management of Sclerotial wilt of Brinjal** Basal soil application of Bleaching powder 15 Kg /ha before one week of planting followed by Spraying of	1	1	10	-	10	

			carbendazim2gm/lit+ Plantomycin 1mg /lit at pre-flowering stage twice at 7 days interval						
6	Green gram	Crop production	**Demonstration on Varietal substitution of Green gram var. IPM 02-03 for local var. Mung var. IPM-02-03**	1	1	10	-	10	
7	Rice	Crop production	**Demonstration on use of LCC for Nitrogen Management in Rice Application of Urea based on LCC reading**	1	1	10	-	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Black gram	Kharif	RF	Sandy loam	145	8	157	Maize	02.07.2017	10.09.2017	1030.21	64
Rice	Kharif	RF	Sandy loam	156	7	165	Maize	23.07.2017	12.11.2017	1030.21	64
Rice	Kharif	RF	Sandy loam	163	7.3	163	Maize	19.07.2017	15.11.2	1030.21	64

									017		
Vermicompost	Kharif	RF	Sandy loam	138	7.7	149	--	20.06.2017	23.08.2017	1030.21	64
Rice	Kharif	RF	Sandy loam	173	6.9	152	Maize	21.07.2017	09.11.2017	1030.21	64
Green gram	Rabi	RF	Sandy loam	168	8.5	159	Rice	02.10.2017	10.12.2017	20	3
Rice	Kharif	RF	Sandy loam	151	7.5	149	Maize	16.07.2017	08.11.2017	1030.21	64

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: Nil

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

Black gram	Crop Production	**Demonstration on Varietal substitution of Black gram Var. PU-31 for local var**	10	1	5.75	4.5	**27.77**	16500	46000	29500	2.79	15000	36000	21000	2.4
Green gram	Crop Production	**Demonstration on Varietal substitution of Green gram var. IPM 02-03 for local var**	10	1	5.35	3.9	**37.18**	16700	42800	26100	2.56	15000	31200	16200	2.08
Green gram	Crop Production	**Demonstration on Varietal substitution of Green gram var. IPM 02-03 for local var**	10												
	Total			1											

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Rice	Crop Production	**Demonstration on Varietal substitution of Mandakini var of Rice for Local var. Bharati**	10	1	42	32	31.25	**No. of spikelets/panicle-169**	**No. of spikelets/panicle-131**	28400	58800	30400	2.07	26400	44800	18400	1.67
Rice	IPM	**Demonstration on IPM for Yellow stem borer management in rice**	10	1	42	36	16.67	**No. of dead hearts /hill- 1**	**No. of dead hearts /hill- 4**	24000	58800	34800	2.45	23000	50400	27400	2.19

Brinjal	IPM	**Demonstration on management of Sclerotial wilt of Brinjal**	10	1	230	195	17.95	**No. of wilted plant/5 sq. m-1**	**No. of wilted plant/5 sq. m-4**	50000	161000	111000	3.22	46500	136500	90000	2.93
Vermicompost	INM	Demonstration on vermicompost production	10	10 beds	**40q/bed/yea**	--	--	--	--	5600	28000	22400	5.0	-	-	-	-
		Total	40														

Livestock : Nil

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries :Nil

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

Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
	Total																

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

Other enterprises

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

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

Women empowerment

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

Infants					

Farm implements and machinery

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

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

Demonstration details on crop hybrids : N.A

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

Sesame										
Sunflower										
Groundnut										
Soybean										
Others (pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (pl.specify)										
Total										
Fodder crops										

Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Black gram	Good var. with high germination %
2	Rice	Good variety with high yielding potential
3	Rice	Good response of applied pesticide towards yellow stem borer of rice
4	Vermicompost	Great opportunity for incme generation
5	Brinjal	God response of applied pesticide towards sclerotial wilt of brinjal
6	Green gram	Good var. with high germination % and high yield potential
7	Rice	Use of LCC is very much effective in efficiently nitrogen fetiliser application

Extension and Training activities under FLD : N.A

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training				
3.	Media coverage				
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	Chick pea	JG18	4.75	**7.3**	**8.06**	15	. 1. Improved variety- JAKI9218 2.Line sowing (30x10cm) 3.Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of	75	30	13.8	10.2	12	64.38.	48.88	-20

							seed 4.Soil test based fertilizer application 5. Foliar spray of multimicron utrient 2 ml/lit once at preflowerin g stage 6. Need based pesticide application and triazophos 2 ml /lit of water for pod borer								
2	Groun dnut Rabi,2 017-18		12.7 5	15.5 4	19. 36	20	Improved variety ICGV91114 (Devi) ,Line sowing (30x10cm), Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of seed ,applied Soil test based fertilizer and applied Zypsum 100kg/acre for increase oil content ,Foliar	25	10	17. 15	15	16. 25	46. 10	-16	- 18. 75

							sprayed multimicronutrient 2 ml/lit once at preflowering stage for better, spayed Chlorothalonil 75%WP 2gm/lit of water for control of Cercospora Leaf spot,								

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	. 1. Improved variety-JAKI9218 2.Line sowing (30x10cm) 3.Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of seed	127000	228500	11500	11.6 7:1	24000	72000	48000	3:1

	4.Soil test based fertilizer application 5. Foliar spray of multimicronutrient 2 ml/lit once at preflowering stage 6. Need based pesticide application and triazophos 2 ml /lit of water for pod borer								
2	Improved variety ICGV91114(Devi),Line sowing (30x10cm),Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of seed ,applied Soil test based fertilizer and applied Zypsum	52150	102000	49850	1.95	62250	1,30000	67750	2.09

	100kg/acre for increase oil content ,Foliar sprayed multimicronutrient 2 ml/lit once at preflowering stage for better, spayed Chlorothalonil 75%WP 2gm/lit of water for control of Cercospora Leaf spot,								

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	Chickpea, Improved variety- JAKI9218	**36000**	400	60	50	nil	Maintainance of house and paid the bank loan	37 nos.

2	Ground nut,improve var. ICGV91114(Devi)	**16250**	610	80	40	nil	Maintainance of house and paid the bank loan	25 nos.

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	. 1. Improved variety- JAKI9218 2.Line sowing (30x10cm) 3.Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of seed 4.Soil test based fertilizer application 5. Foliar spray of multimicronutrient 2 ml/lit once at preflowering stage 6. Need based pesticide application and	Good	Good	High	nil	Yes	nil

	triazophos 2 ml /lit of water for pod borer						
2	Improved variety ICGV91114(Devi) ,Line sowing (30x10cm),Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of seed ,applied Soil test based fertilizer and applied Zypsum 100kg/acre for increase oil content ,Foliar sprayed multimicronutrient 2 ml/lit once at preflowering stage for better, spayed Chlorothalonil 75%WP 2gm/lit of water for control of Cercospora Leaf spot,	Good	Good	High	nil	Yes	nil

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Variety JG-11/JAKI9218 Medium duration-90 to 100 days, Yield-10 to 12.5q/ha, medium size	Good	Increase in yield by 152.63%	No of branches per plant is high,Tolerant to water stress, .No of pods per plant is

pod, resistant to major disease and pests			high
Variety ICGV91114 Medium duration-90days, Yield-12 to 14q/ha, medium size pod, resistant to major disease and pests	Good	Increase in yield by 27.45%	1.Germination of the variety is good. 2.Less insect pest and disease attack

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	**Awarness programme**	**26.01.2018**	**50**
2	**Field visit by line deptt. Staff**	**15.02.2018**	**25**
1	**Awarness programme**	**25.02.2018**	**50**
2	**Field visit by line deptt. Staff**	**15.03.2018**	**25**

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Chickpea	i) Critical input	nil	1,61,220	**(-)1,61,220**
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total			
Groundnut		68500	70,890/-	**(-)2390**

K. List of Farmer under FLD (Crop wise)
Crop1

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	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Maniram Gond		Chattabeda	Raighar			Latitude	Longitude	No	20:40:40 215.5 215.5	215.5 215.5 Improve variety-JAKI 9218, Seed treatment with Vitavax and Rhizobium culture 215.5	JAKI9218	0.4	20 kgs.	H	L	A	
Jalsai Gond		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JA	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										KI 9218,							
Ramdas Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Mangali Gond		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Panchamati Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

Phaganu Gond		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Arasu Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Nirbal Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Bhikari Gond		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										Rhizobium culture							
Indal Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Nada Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Ghenuram Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Jayadev Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatme	JAKI9218	0.4	20 kg	13.8	10.2	12	4.75

										nt with Vitavax and Rhizobium culture			s				
Kalasu Majhi		Chattabeda	Raighar			$19^{0}41.58$	$82^{0}10.419$	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Chedu Majhi		Chattabeda	Raighar			$19^{0}41.58$	$82^{0}10.419$	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Ramsingh Gond		Chattabeda	Raighar			$19^{0}41.58$	$82^{0}10.419$	No	20:40:40	Improve variety-JAKI	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										9218,							
Ratiram Majhi		Chattabeda	Raighar			19°41.58	82°10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Jayendra Majhi		Chattabeda	Raighar			19°41.58	82°10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Chabilal Gond		Chattabeda	Raighar			19°41.58	82°10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Bajra		Chat	Rai			19°4	82°	No	20:40:	Im	JAK	0.4	2	1	1	12	4.

ng Majhi		tabeda	ghar			1.58	10.419		40	prove variety-JAKI9218,	I9218		0 kgs	3.8	0.2		75
Baliram Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Bharatu Gond		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Parsuram Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and Rhi	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										zobium culture							
Jugadev Majhi		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Phulishram Gond		Chattabeda	Raighar			$19^0$41.58	$82^0$10.419	No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Jaldhar Bhatra		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Jagabandhu Bhatra		Anchala	Umerkore					No	20:40:40	Seed treatment	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										with Vitavax and Rhizobium culture							
Manoj Bhatra		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Jagadish Bhatra		Anchala	Umerkore					No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Arjun Bhatra		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI92	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										18,							
Jugala Bhatra		Anchala	Umerkore					No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Ramakrushna Bhatra		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Lachaman Bhatra		Anchala	Umerkore	8117931628				No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Samadu		Anchala	Ume					No	20:40:40	Impro	JAKI921	0.4	20	13	10	12	4.7

Bhatra			rkore							ve variety-JAKI9218,	8		kgs	.8	.2		5
Sanu Bhatra		Anchala	Umerkore					No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Rukadhar Bhatra		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Ram Bhatra		Anchala	Umerkore					No	20:40:40	Seed treatment with Vitavax and Rhizob	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										iu m cul tur e							
Satal u Bhat ra		Anc hala	U me rko re					No	20:40: 40	Im pro ve var iet y- JA KI 92 18,	JAK I921 8	0.4	2 0 kg s	1 3 . 8	1 0 . 2	12	4. 7 5
Sonu Bhat ra		Anc hala	U me rko re					No	20:40: 40	See d tre at me nt wit h Vit ava x and Rhi zob iu m cul tur e	JAK I921 8	0.4	2 0 kg s	1 3 . 8	1 0 . 2	12	4. 7 5
Ketu ram Bhat ra		Anc hala	U me rko re					No	20:40: 40	Im pro ve var iet y- JA KI 92 18,	JAK I921 8	0.4	2 0 kg s	1 3 . 8	1 0 . 2	12	4. 7 5
Gura baru Bhat ra		Anc hala	U me rko re					No	20:40: 40	See d tre at me nt wit	JAK I921 8	0.4	2 0 kg s	1 3 . 8	1 0 . 2	12	4. 7 5

										h Vitavax and Rhizobium culture							
Sabara Gond		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Kamal lochan Bhatra		Anchala	Umerkore					No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Maniram Bhatra		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

Samna Bhatra		Anchala	Umerkore					No	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Lachhaman Bhatra		Anchala	Umerkore					No	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Narendra Nayak		Anchala	Umerkore					Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Daiman Bhat		Anchala	Umerko					Yes	20:40:40	Improve	JAKI9218	0.4	20	13.	10.	12	4.75

ra			re							variety-JAKI9218,			kgs	8	2		
Gurubaru Majhi		Anchala	Umerkore					Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Arachita Bhatra		Anchala	Umerkore					Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Lachu Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobiu	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										mculture							
Chamaru Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Ramsingh Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Budu Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Trilochan Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										Vitavax and Rhizobium culture							
Astu Nayak		Nayakguda	Umerkote			$19^0$4 2’40.39	82^0 13’ 51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Dasha Nayak		Nayakguda	Umerkote			$19^0$4 2’40.39	82^0 13’ 51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Sandhar Nayak		Nayakguda	Umerkote			$19^0$4 2’40.39	82^0 13’ 51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Kurs		Nay	U			$19^0$4	82^0	Ye	20:40:	See	JAK	0.4	2	1	1	12	4.

ha Nayak		akguda	merkote			2’40.39	13’51.07	s	40	d treatment with Vitavax and Rhizobium culture	I9218		0 kgs	3.8	0.2		75
Budasan Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Kapildev Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Rabindra Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve var	JAKI9218	0.4	20 k	13.8	10.2	12	4.75

										iety-JAKI9218,			gs				
Krupa Nayak		Nayakguda	Umerkote	9668281208		$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Ratan Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Sribanta Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										culture							
Mansingh Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Bala Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Malasai Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Rasia Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vit	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75

										avax and Rhizobium culture							
Jagannath Nayak		Nayakguda	Umerkote			19°42’40.39	82°13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Budasan Chalan		Nayakguda	Umerkote			19°42’40.39	82°13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Lakinath Nayak		Nayakguda	Umerkote			19°42’40.39	82°13’51.07	Yes	20:40:40	Improve variety-JAKI9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Sanatan		Nayakgu	Ume			19°42’40.	82°13’	Yes	20:40:40	Seed	JAKI921	0.4	20	13	10	12	4.7

Nayak		da	rkote			39	51.07			treatment with Vitavax and Rhizobium culture	8		kgs	.8	.2		5
Sukanath Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Improve variety-JAKI 9218,	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Tula Nayak		Nayakguda	Umerkote			$19^0$42’40.39	$82^0$13’51.07	Yes	20:40:40	Seed treatment with Vitavax and Rhizobium culture	JAKI9218	0.4	20 kgs	13.8	10.2	12	4.75
Maniram Gond		Chattabeda	Raighar		Latitude	Longitude	No	20:40 215.5 215.5	215.5 Improve variet 215.5	JAKI9218	0.4	20 kg	H	L	A	

									:40	y-JAKI 9218, Seed treatment with Vitavax and Rhizobium culture			s.				

a) Crop2

Name of farmer	Father'sname	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	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Groundnut,Rabi,2017-18																	

Maniram Gond		Chattabeda	Raighar			Latitude	Longitude	No	20:40:20	21.55	22.11.55	Improved variety ICGV91114(Devi),Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of seed, Gypsum 100kg/acre, multimicronutrient 2 ml/lit	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Jalsai Gond		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20			-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75

Ramdas Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Phaganu Gond		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Arasu Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Nirbal Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Bhikari Gond		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Indal Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Nada Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Ghenuram Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Jayadev Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Chedu Majhi		Chattabeda	Raighar			19^0 50 39.25	82^0 07 24.01	No	20:40:20	-Do-	Devi	0.4	60kgs.	17.15	15	16.25	12.75
Ram		Cha	Ra			19^0	82^0	No	20:4	-Do-	De	0.4	6	1	1	16.	1

singh Gond		tabeda	ighar			39 35. 96	17 40. 80		0:20		vi		0 kgs.	7. 15	5	25	2. 75
Ratiram Majhi		Chatabeda	Raighar			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Jayendra Majhi		Chatabeda	Raighar			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Sukalu Bhatra		Bhamini	Umerkote			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Porsuram Bhatra		Bhamini	Umerkote			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Domrudhar Bhatra		Bhamini	Umerkote			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Premdas Harijan		Bhamini	Umerkote			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Haladhar Kumbhar		Bhamini	Umerkote			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Magadu Bhatra		Bhamini	Umerkote			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Udaya Nayak		Bhamini	Umerkote			19^0 39 35. 96	82^0 17 40. 80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17. 15	15	16.25	12. 75
Sankar		Bhamini	Ume			19^0 39	82^0 17	No	20:40:20	-Do-	Devi	0.4	60	17	15	16.25	12

Majhi			rkote			35.96	40.80						kgs.	.15			.75
Naresh Majhi		Bhamini	Umerkote			19^0 39 35.96	82^0 17 40.80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17.15	15	16.25	12.75
Sudarshan Bhatra		Bhamini	Umerkote			19^0 39 35.96	82^0 17 40.80	No	20:40:20	-Do-	Devi	0.4	60 kgs.	17.15	15	16.25	12.75

B. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
01	Blackgram Kharif2017	Indiscrimnate loacal var	3.75	4.25	5.07	6.0	1. Improved variety PU-31 2. Line sowing (30x10 cm) 3. Seed Treatment with Rhizobium @ 20	50	20	6	5.0	5.5	29.41	8.48	-

							gram/ kg seed and Vitavax 2gm/k g of seed 4. Soil test based fertiliz er applica tion 5. Foliar spray of multi micron utrient 2 ml/lit once at pre floweri ng stage 6. Need based pestici								

							de application								

J. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demon		
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	
01	1. Improved variety PU-31 2. Line sowing (30x10cm) 3. Seed Treatment with Rhizobium @ 20 gram/kg seed and Vitavax 2gm/kg of seed 4. Soil test based fertilizer application 5. Foliar spray of multi micronutrient 2 ml/lit once at pre flowering stage 6. Need based pesticide application	10200.00	18750.00	11750.00	1.83:1	12500.00	27500.00	

K. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
01	Black gram Var-PU-31	550	400	50.00	25	125	Purchase house items, children study,agriculture inputs.	22

L. 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
01	1. Improved variety PU-31 2. Line sowing (30x10cm) 3. Seed Treatment with Rhizobium @ 20 gram/kg seed and	Yes	Yes	Yes	No	Yes	Establishment of seed processing unit.

	Vitavax 2gm/kg of seed 4. Soil test based fertilizer application 5. Foliar spray of multi micronutrient 2 ml/lit once at pre flowering stage 6. Need based pesticide application						

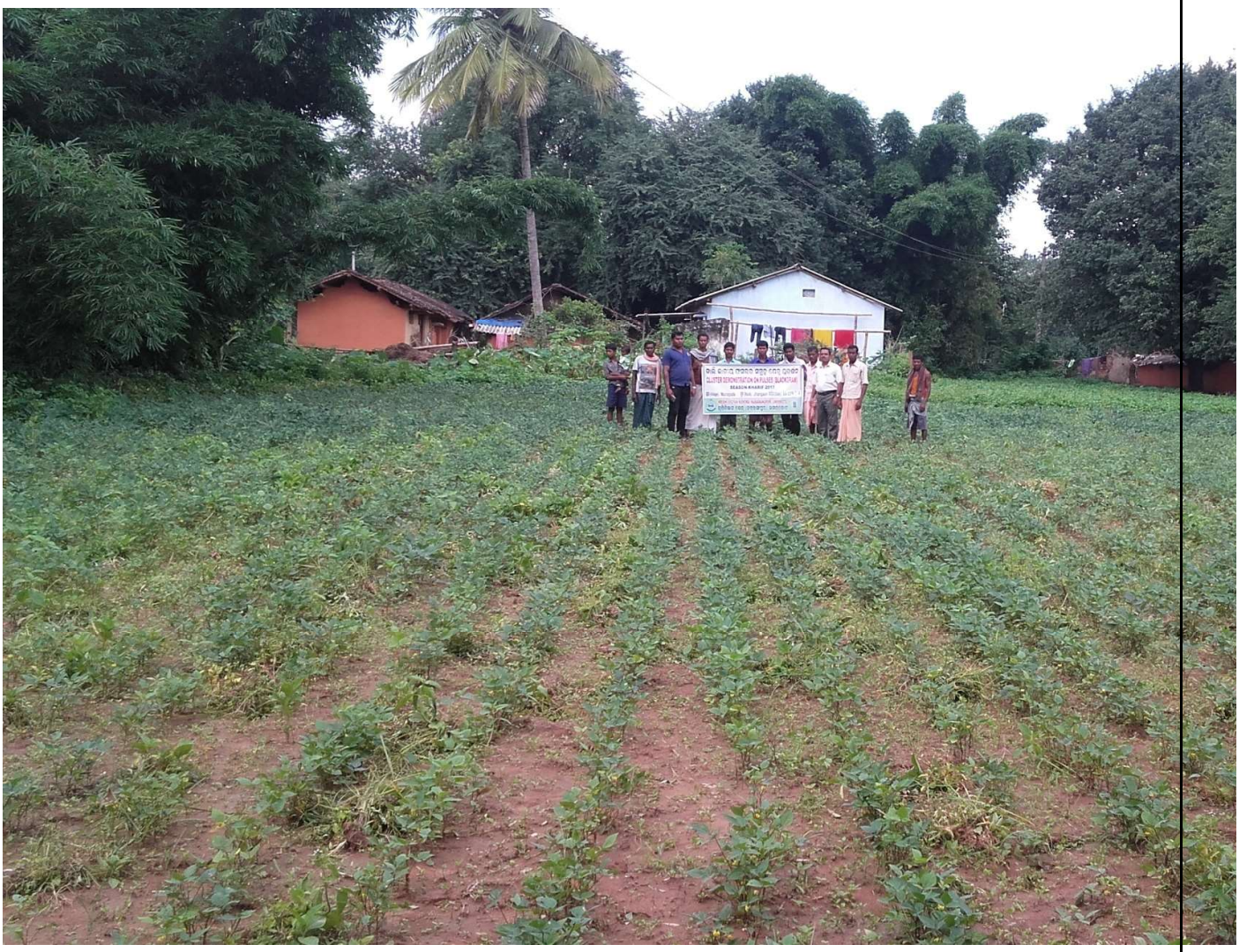
M. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Blackgram Var PU-31 is short duration having 65-70 days and early flowering.	Very good	Early maturity and better yield in comparison to local variety	1.Germination of the varietyPU-31 is good.
			2.YMV and leaf spot resistance
			3.Early flowering

N. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
01	Awareness campaign	20.07.17 Village-Junapani,Block-Dabugaon	**20**
02	Training	28.07.17 Village-Junapani,Block-Dabugaon	**25**
03	Field Day	18.10.17 village-Junapani,Block-Dabugaon	**50**
04	Awareness campaign	22.07.17 Village-Managuda,Block-Jharigaon	**23**
05	Training	29.07.17 Village-Managuda,Block-Jharigaon	**25**
06	Field Day	20.10.17 Village-Managuda,Block-Jharigaon	**50**

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



9. Farmers' training photographs

10. Quality Photographs of field visits/field days and technology demonstrated.

11. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Bud Utiliz (Rs
Black gram	i) Critical input		
	ii) TA/DA/POL etc. for monitoring		
	iii) Extension Activities (Field day)		
	iv)Publication of literature		
	Total	150000.00	150000.00

12. List of Farmer under FLD (Crop wise)

b) Crop-Blackgram(Kharif 2017)

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	Varie
						Latitude	Longitude				
Sunadhar Bhatra	Raisingh Bhatra	Junapani	Dabugaon			$19^0$28.60 $82^0$17.84		Yes	17:40:20	Improved varietyPU-31	PU-3
Jayadeb Bhatra	Golapi Bhatra	Junapani	Dabugaon					Yes	17:40:20	Line sowing(30x10cm)	PU-3
Sada Harijan	Tula Harijan	Junapani	Dabugaon					Yes	17:40:20	Seed treatment with Rhizobium and vitavax	PU-3
Bandhu Pujari	Chaitan Pujari	Junapani	Dabugaon					Yes	17:40:20	Need based pesticide	PU-3
Nara Bhatra	Ramsingh Bhatra	Junapani	Dabugaon					Yes	17:40:20	Application of multimicronutrient	PU-3
Motiram Pujari	Astu Pujari	Junapani	Dabugaon			$19^0$27.21 $82^0$21.03		Yes	17:40:20		PU-3
Madhab Bhatra	Haribandhu Bhatra	Junapani	Dabugaon					Yes	17:40:20		PU-3
Damana Bhatra	Raisingh	Junapani	Dabugaon					Yes	17:40:20		PU-3

	Bhatra									
Mohan chandra Harijan	Jayadas Harijan	Junapani	Dabugaon				Yes	17:40:20		PU-3
Lakhinath Harijan	Juga Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Basudeb Bhatra	Golapi Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Jugasai Bhata	Jala Bhatra	Junapani	Dabugaon			$19^0$27.25 $82^0$20.79	Yes	17:40:20		PU-3
Khagapati Bhatra	Deba Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Debising Bhatra	Manbadh Bhatra	Junapani	Dabugaon	8658673344			Yes	17:40:20		PU-3
Urddab Bhatra	Mansai Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Sanya Harijan	Bali Harijan	Junapani	Dabugaon			$19^0$39.94 $82^0$17.84	Yes	17:40:20		PU-3
Ratna Harijan	Rabisai Harijan	Junapani	Dabugaon				Yes	17:40:20		PU-3
Keshab Pujari	Astu Pujari	Junapani	Dabugaon				Yes	17:40:20		PU-3
Ramachandra Bhatra	Chaitan Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Gobinda Bhatra	Durlabha Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Lachim Bhatra	Shiba Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Bhabani Bhatra	Dambaru Bhatra	Junapani	Dabugaon			$19^0$27.20 $82^0$21.04	Yes	17:40:20		PU-3
Aitu Bhatra	Mansai Bhatra	Junapani	Dabugaon	7894023037			Yes	17:40:20		PU-3
Damu Pujari	Astu Pujari	Junapani	Dabugaon				Yes	17:40:20		PU-3
Daya Bhatra	Punu Bhatra	Junapani	Dabugaon				Yes	17:40:20		PU-3
Padu Bhatra	Dhanur Bhatra	Managuda	Jharigaon			$19^0$40.20 $82^0$17.53	Yes	17:40:20		PU-3
Pati Bhatra	Madhab Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Phulchand Bhatra	Bansing Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Miri	Baga	Manag	Jharig	955665			Yes	17:40:		PU-3

Bhatra	Bhatra	uda	aon	9487				20		
Jayaram Bhatra	Bingu Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Satyaram Bhatra	Krusha Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Gabarsing Bhatra	Lachhaman Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Arachita Bhatra	Jituru Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Bisu Bhatra	Bingu Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Bajanath Bhatra	Muchand Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Chaitan Bhatra	Sama Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Danurjaya Bhatra	Chitu Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Raghu Bhatra	Bagata Bhatra	Managuda	Jharigaon			$19^0 40.25$ $82^0 17.40$	Yes	17:40:20		PU-3
Jagabandhu Bhatra	Kasaru Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Lakhi Bhatra	Rabi Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Madan Bhatra	Bagata Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Dakshina Bhatra	Chali Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Jagannath Bhatra	Dakhina Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Sankar Bhatra	Lakhapati Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Kapur Bhatra	Rabi Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Rayamati Bhatra	Darama Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Subudar Bhatra	Bisu Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Jayara Bhatra	Nanda Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Mayina Bhatra	Bali Bhatra	Managuda	Jharigaon				Yes	17:40:20		PU-3
Layaban Bhatra	Mangalu	Managuda	Jharigaon				Yes	17:40:20		PU-3

	Bhatra										

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1							15	10	25	15	10	25
Resource Conservation Technologies													
Cropping Systems	1							15	10	25	15	10	25
Crop Diversification	1							15	10	25	15	10	25
Integrated Farming	1							15	10	25	15	10	25
Water management	1							15	10	25	15	10	25
Seed production	1							15	10	25	15	10	25
Nursery management	0												
Integrated Crop Management	1							15	10	25	15	10	25
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, 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													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Value addition													
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	2							30	20	50	30	20	50
Integrated Disease Management	2							30	20	50	30	20	50
Bio-control of pests and diseases	2							30	20	50	30	20	50
Production of bio control agents and bio pesticides	1							15	10	25	15	10	25
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													

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 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													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1							15		15	15		15
Bee-keeping													
Integrated farming	1							15		15	15		15
Seed production	1							15		15	15		15
Production of organic inputs	1							15		15	15		15
Integrated Farming													
Planting material production													
Vermi-culture	1							15		15	15		15
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													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
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													
TOTAL													

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Value addition													
Integrated Pest Management	1	15									15		15
Integrated Nutrient management	1	15									15		15
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	1	15									15		15
Care and maintenance of farm machinery and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
WTO and IPR issues													
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													
TOTAL	3	45									45		45

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1							15	10	25	15	10	25
Resource Conservation Technologies	0							0	0	0	0	0	0
Cropping Systems	1							15	10	25	15	10	25
Crop Diversification	1							15	10	25	15	10	25
Integrated Farming	1							15	10	25	15	10	25
Water management	2							30	20	50	30	20	50
Seed production	2							30	20	50	30	20	50
Nursery management	1							15	10	25	15	10	25
Integrated Crop Management	1							15	10	25	15	10	25
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)													

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													
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													

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													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

E)RURAL YOUTH (Off Campus) :N.A

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) N.A

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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
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													
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	2							30	20	50	30	20	50
Resource Conservation Technologies													
Cropping Systems	2							30	20	50	30	20	50
Crop Diversification	2							30	20	50	30	20	50
Integrated Farming	2							30	20	50	30	20	50
Water management	3							45	30	75	45	30	75
Seed production	3							45	30	75	45	30	75
Nursery management	1							15	10	25	15	10	25
Integrated Crop Management	2							30	20	50	30	20	50
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL	17							255	170	425	255	170	425
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
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													
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													

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
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													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
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													

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
VII. Plant Protection													
Integrated Pest Management	2							30	20	50	30	20	50
Integrated Disease Management	2							30	20	50	30	20	50
Bio-control of pests and diseases	2							30	20	50	30	20	50
Production of bio control agents and bio pesticides	1							15	10	25	15	10	25
Others, if any													
TOTAL	7							105	70	175	105	70	175
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													
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													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL													

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1							15		15	15		15
Bee-keeping													
Integrated farming	1							15		15	15		15
Seed production	1							15		15	15		15
Production of organic inputs	1							15		15	15		15
Planting material production													
Vermi-culture	1							15		15	15		15
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													
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													

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
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 application in agriculture)													
TOTAL	5							75		75	75		75

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	1	15									15		15
Integrated Nutrient management	1	15									15		15
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	15									15		15
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
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													
TOTAL	3	45									45		45

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Crop Production		Integrated weed management in Rice	1	ON	15	10	25	15	10	25
Crop Production		Integrated weed management in Maiz	1	OFF	15	10	25	15	10	25
Crop Production		Importance of intercropping	1	ON	15	10	25	15	10	25
Crop Production		Imprtance of crop rotation and kind of crop rotation	1	ON	15	10	25	15	10	25
Crop Production		Crop diversity with high value vegetable crops	1	ON	15	10	25	15	10	25
Crop Production		Crop diversity with pulse crops	1	OFF	15	10	25	15	10	25
Crop Production		Pond based integrated farming system	1	ON	15	10	25	15	10	25
Crop Production		Integrated farming system for sustainable farm income	1	OFF	15	10	25	15	10	25
Crop Production		Water management for succeptible vegetables	1	ON	15	10	25	15	10	25
Crop Production		Water management in maize	1	OFF	15	10	25	15	10	25

Crop Production		Water management in rice	1	ON	15	10	25	15	10	25
Crop Production		Vegetable seedling management	1	OFF	15	10	25	15	10	25
Crop Production		Method of biofertilizer application in vegetables	1	ON	15	10	25	15	10	25
Crop Production		Method of chemical fertilizer application in vegetables	1	OFF	15	10	25	15	10	25
Crop Production		Storage techniques of cereals	1	OFF	15	10	25	15	10	25
Crop Production		Storage techniques pulses	1	ON	15	10	25	15	10	25
Plant Protectio		Method and time of agro-chemical application	1	ON	15	10	25	15	10	25
Plant Protectio		Safe use of agro-chemicals	1	OFF	15	10	25	15	10	25
Plant Protection		IPM in Rice	1	ON	15	10	25	15	10	25
Plant Protectio		IPM in maize	1	ON	15	10	25	15	10	25
Plant Protectio		IPM in rabi vegetables	1	ON	15	10	25	15	10	25
Plant Protectio		IDM in Rice	1	OFF	15	10	25	15	10	25
Plant Protectio		IDM in maize	1	ON	15	10	25	15	10	25
Seed Production		Seed production technology of Black gram	1	OFF	15	10	25	15	10	25
Seed Production		Seed production technology of rice	1	ON	15	10	25	15	10	25
Seed Production		Seed production technology of tomato	1	OFF	15	10	25	15	10	25

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 else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client PF/RY/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.																	
2.																	
3.																	
4																	

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	-										
KisanMela	-										
KisanGhosthi	-										
Exhibition	4	197	438	635	86	13	3	16	210	441	651
Film Show	1O	186	209	395	78	3	0	3	189	209	398
Method Demonstrations											
Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-	----
Group meetings	4	82	38	120	73	2	O	2	84	38	122
Lectures delivered as resource persons	12	186	354	540	86	-	--	-	186	354	540
Advisory Services											
Scientific visit to farmers field	105	390	30	420	88	22	5	27	422	35	457
Farmers visit to KVK	481	453	28	481	65	-	-	-	453	28	481
Diagnostic visits	28	110	20	130	92	33	3	36	143	23	166
Exposure visits	4	22	0	22	100	4	-	-	22	-	26
Ex-trainees	-	-	-	-	-	-	-	-	-	-	

Sammelan											
Soil health Camp	1	25	15	40	100	2	-	2	27	15	42
Animal Health Camp	1	31	9	40	94	3	1	4	34	10	44
Agri mobile clinic											
Soil test campaigns	6	210	90	300	83	5	2	7	215	92	307
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)											
Sankalp Se Siddhi	1	165	185	350	80	12	3	15	177	188	365
Swatchta Hi Sewa	14	157	375	532	78	5	0	5	162	375	537
MahilaKisan Divas	1	5	35	40	92	5	2	7	10	37	47
Any Other (Specify)											
Total											

B. Other Extension activities

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

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
Total					

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Grand Total				

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato	Hybrid	5600	2800	27
Brinjal				
Chilli				
Onion				
Others				
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				

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted
Bio-fertilizers			
Bio-pesticide			
Bio-fungicide			
Bio-agents			
Others, please specify. Vermicompost	800	4000	10
Total			

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				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2017	Rice	Lalat	42	1.5	35 q	F
	Black gram	PU-31	20	5	9.5 q	F
Rabi 2017-18						
Summer/Spring 2018						

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 :N.A

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Mushroom cultivation	Mrs. Subhasri Sahoo	50	40
	Safe use of agro-chemicals	Dr. Subhas Hansda	1000	700
Technical reports				
Electronic Publication (CD/DVD etc)	Learning workshop on gender friendly farm tools	Paritosh Murmu	10	10
TOTAL	3	3	1060	750

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: N.A

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

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

Name of farmer	Mr. Miri Bhatra
Address	Vill-Monoguda,Block-Jharigaon,Dist.-Nabarangpur
Contact details (Phone, mobile, email Id)	9556659487
Landholding (in ha.)	1.5
Name and description of the farm/ enterprise	Year-round Off and On season vegetable cultivation
Economic impact	Annual income 3lakh
Social impact	Ex-Samiti member
Environmental impact	Half of his production by using Vermicompost and FYM
Horizontal/ Vertical spread	Known as Progressive farmer in the locality, Best Farmer award in the OUAT Foundation day 2016

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

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)

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

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

Sl. No	Name of the Equipment	Qty.
1	Mridhaparikshak	1
2	Flame Photometer	1
3	Spectrophotometer	1
4	Ph Meter	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			
232	-	232	1160	13	-

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	Awarness relating to soil health management,restoration,conservation and protection	300	9	Mrs.Nibedita Mohanty-Vice-chairman,Zilla Parishad, Bulu Das,MP representative,Kalu Ponda,MLA	200	300

				representative ,Domru Bhatra,Swarp anch		

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed

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
17.01.2018	Dr.M.Mohapatra	Jt.Director,DEE,OUAT
18.12.2017	Dr.S.S.Singh,Director,ICAR-ATARI,Kolkata	To facilitate SAC meeting
18.12.2017	Dr.P.K.Raul,Dean Extension Education,OUAT	To facilitate SAC meeting

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom cultivation	75	90	-	Rs.120/Bed
Rearing of poultry bird var. Banaraja	75	80	Rs. 180/bird	Rs.320/bird

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

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

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Mushroom cultivation and seedling raising in polly house
Name & complete address of the entrepreneur	Mr.Miri Bhatra Vill-Monoguda,Block-Jharigaon,Dist.-Nabarangpur
Role of KVK with quantitative data support:	Technical support,he has been recommended for bank loan of Rs.1 lakh on behalf of kvk,nabarangpur for polly house making
Timeline of the entrepreneurship development	3 years
Technical Components of the Enterprise	Time to time he has been given technical advice
Status of entrepreneur before and after the enterprise	Initially he was being supplied spawn free of cost from kvk,presently he himself buy spawn in large quantities
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	sells produces daily wise,consumer directly come to his house to buy fresh mushroom,he is also having 3 daily labour
Horizontal spread of enterprise	Rapidly desiminated in the locality

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
DDA,Nabarangpur	Convergence programme BGREI,

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.)

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.	Vermicom post unit	2008	10	Earthworm(E euginae)	Vermicom post	8 q	1000	4000	
2.	Mushroom unit	2012	10		Fresh mushroom	30 kg	1000	3600	
3.	Kitchen garden	2017	2 cents	Hybrid vegetables	Tomato,Brinjal,Lesfy vegetables	1 q	300	800	
4	Polly house	2010	24	Hybrid vegetables	Tomato,Brinjal,Papaya	5600 nos.	500	2800	
	Total						2800	11200	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production	Amount (Rs.)	Remarks

				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Rice	12.08.2017	23.11.2017	1.5	Lalat	Foundation seed	33.20	53921.50	92462	
Black gram	16.08.2017	09.11.2017	5	PU-31	Foundation seed	9.5	70310.40	76334.40	

6.3. Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	8 q	1000	4000	

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	-						
2.	-						
3.	-						

6.5. Utilization of hostel facilities:N.A

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: yes
No. of staffquarters:8
Date of completion:1984

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	State Bank of India	Main branch,Umerkote	11258555265
Current Accunt	State Bank of India	Bazar Branch,Umerkote	31842335858

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	
Grundnut	63750	63750	69637.50	78389.50	

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	
Black gram	148800	-	71667	-	77133
Chick pea	-	-	-	161220	

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	160000	160000	150736
3	Contingencies			
A				
B		1348800	1348800	1348800
C	Maintainance of Building			
D		500000	500000	500000
E				
F				
G				
H				
I				
J	Swatchta Expenditure			
TOTAL (A)		2008800	2008800	1999536
B. Non-Recurring Contingencies				
1	i.Library	-	-	-
2	Equipment,Furniture and furnishing(office equipment-5.5 lakh)	550000	550000	457699
3				

4				
TOTAL (B)		550000	550000	45769
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		2558800	2558800	2457235

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	274645	51500	55153	266256
2016-17	266256	129410	100594	90387
2017-18	90387	51200	91872	131488

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

7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
BGREI	1	KHARIF		ATMA	

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
BPH	Rice	23.10		5 %	5

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru YuvaKendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	28	12700
Livestock		
Fishery		
Weather	7	4300
Marketing		
Awareness		
Training information		
Other		
Total	35	17000

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*112000*
2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
	17 nos. of Swacha Bharat Programme have been conducted

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	2	00.00

2. Basic maintenance	--	--
3. Sanitation and SBM	7	--
4. Cleaning and beautification of surrounding areas	3	--
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	2	--
6. Used water for agriculture/ horticulture application	-	--
7. Swachhta Awareness at local level	2	--
8. Swachhta Workshops	-	--
9. Swachhta Pledge	-	--
10. Display and Banner	2	--
11. Foster healthy competition	-	--
12. Involvement of print and electronic media	-	--
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	4	--
14. No of Staff members involved in the activities	9	--
15. No of VIP/VVIPs involved in the activities	2	--
16. Any other specific activity (in details)		--
Total	**33**	**00.00**

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal (BSF): N.A

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
Semla high	17.12.2017	Importance of soil	

School,Semla,umerkote		health,Safe use of agro-chemicals	
			Leaflets

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		

9.10. Details of Swachhta Hi Sewaprogramme organized

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

9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Scientist-Mahila interaction	4	50	3	Mrs.Nibedita Mohanty,vice-chairman,zilla parisad, Kalu Ponda,MP representative, Gyanranjan Swain,MLA representative

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	Miri Bhatra	VILL-Monoguda,Block—Jharigaon,Dist.-Nabarangpur	Mushroom cultivation
2	Krittibas Kallar	Vill-Chikalpador,Block-Umerkote,Dist-Nabarangpur	Progressive farmer

9.13.HRD programmesattended by KVK person N.A

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme

9.14. Revenue generation:N.A

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

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

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	Nabarangpur	Relay cropping	1	27	At the time

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

a) Year:
b) Introduction / General Information:

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

11. Details of TSP

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

Programmes	**Physical achievements**
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	Rs.4,04,611/-
On-farm trials (Number)	3
Frontline demonstrations (Number)	7
Farmers training (in lakh)	0.00795
Extension personnel training (in lakh)	0.00045
Participants in extension activities (in lakh)	0.0224
Seed production (in tonnes)	4.18
Planting material production (in lakh)	0.056
Livestock strains and fingerlings production (in lakh)	-
Soil, water, plant, manures samples testing (in lakh)	0.0116
Provision of mobile agro – advisory to farmers (in lakh)	0.207
No. of otherprogrammes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material	0.00045

distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2017-18 (Rs. In lakh): Rs.9,50,000/-

c. Achievements of physical outcomeunder TSP during 2017-18

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	45
2	Change in family consumption level	%	20
3	Change in availability of agricultural implements/ tools etc.	No. per household	15

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
Nabarangpur	Nabarangpur	5	Monoguda Chikalpador Junapani Chatabeda Sindhiguda	75	50	125

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

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total

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

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) :N.A

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) :N.A

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

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
1	Demonstration on Oyster Mushroom cultivation	Demonstration on Oyster Mushroom cultivation (20 beds/farmer (*Pleurotus spp.)*	Rs.3200/20 beds	125	
2	Rearing of dual purpose poultry bird var Banaraja	Rearing of poultry bird var Banaraja 20 no. /farmer	36 kg /20 birds Rs.9000	125	

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)	31	836	24.03.2018	Dr.N.Bar Paritosh	
II (up-to 24.04.218)	136	2721			

Total				Murmu Binapani Taria Subhasri Sahoo	

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

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