

PROFORMA FOR ANNUAL REPORT 2018-19 (April 2018 to March 2019)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Koraput Post Box No-10, Sunabeda, Dist.- Koraput (Odisha), Pin-763002			kvvkoraput.ouat@gmail.com/ kvk_semiliguda@yahoo.co.in

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

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture & Technology, Bhubaneswar-751003, Odisha, India	0674- 2397970/ 2397818/ 2397719		registrarouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Smt. Jyotshnarani Maharana		8895243277	Jrm2kvk@gmail.com/jrm_kvkv@yahoo.com

1.4. Year of sanction of KVK: 1983

1.5. Staff Position (as on 1st April, 2018)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/ Others)
1	Senior Scientist& Head	Vacant	-	-	-	-	-	-
2	Subject Matter Specialist	Smt. Jyotshnarani Maharana	Scientist cum I/c SSH	Horticulture	Rs.15600-39100 +AGP 6000/- Basic:25,780/-	31.12.2005	Permanent	OBC
3	Subject Matter Specialist	Mrs.SunitaDandasena	Scientist	Agronomy	Rs.15600-39100 +AGP 6000/- Basic:22,220/-	05-02-14	Permanent	ST
4	Subject Matter Specialist	Dr. Manas Ranjan Nayak	Scientist	Agroforestry	Rs.15600-39100 +AGP 6000/- Basic:17,610/-	03.11.2015	Permanent	OBC
5	Subject Matter Specialist	Sri Lingaraj Dip	Scientist	Plant Pathology	Rs.15600-39100 +AGP 6000/- Basic:17,610/-	09.11.2015	Permanent	SC
6	Subject Matter Specialist	Smt Sukanya Behera	Scientist	Agril. Engineering	Rs.15600-39100 +AGP 5400/- Basic:15,600/-	30.11.2018	Permanent	SC
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Mr. Monoj Jena	Programme Assistant	Fishery	Rs. 9300-34800 +GP 4200 Basic:9,300/-	13.08.2018	Permanent	SC
9	Computer Programmer	Sri SudiptaRanjan Rout	Computer Programmer	Computer Science & Engg.	Rs. 9300-34800 +GP 4200 Basic:15,100/-	19-07-2009	Permanent	OBC
10	Farm Manager	Sri Lakshmikanta Murmu	Farm Manager	Agril.Economics	Rs. 9300-34800 +GP 4200 Basic:10,560/-	29.01.2016	Permanent	ST
11	Accountant / Superintendent			-				
12	Stenographer	Sri Shyama Sundar Tudu	Steno cum Computer Operater	-	Rs.5200-20200 +GP Rs.2400 Basic:5,920/-	23.07.2015	Permanent	ST
13.	Driver	Sri Pranab Kumar Senapati	Driver cum Mechanic	-	Rs.5200-20200 +GP Rs.1900 Basic:7,400/-	22.07.08	Permanent	General

14.	Driver	Sri JibananandaKhilllo	Driver cum Mechanic	-	Rs.5200-20200 +GP Rs.1900 Basic:7,400/-	23.07.08	Permanent	SC
15.	Supporting staff	Sri Satrugan Mahapatra	Peon cum Watchman	-	Rs. 4750-14680 +GP 1500/- Basic:6,290/-	03-08-08	Permanent	General
16.	Supporting staff	Sri Gajaraj Pradhan	Peon cum Watchman	-	Rs. 4750-14680 +GP 1500/- Basic:6,290/-	04-08-08	Permanent	OBC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.86 ha
2.	Under Demonstration Units	1.2 ha
3.	Under Crops	0.40 ha (Nursery)
4.	Orchard/Agro-forestry	11.4 ha
5.	Others with details	5.00 ha Seed production unit 2.74 ha Fallow
	Total	21.6 ha

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	-	-	-	-	-	-	Under Use	ICAR
2.	Farmers Hostel	-	-	-	-	-	-	Under Use	ICAR
3.	Staff Quarters (6)	-	-	-	-	-	-	Not	ICAR
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-	-
6	Rain Water harvesting structure	-	-	-	-	-	-	Not In use since 2013 (Not stored)	ICAR

								the water)	
7	Threshing floor	-	-	-	-	-	-	Under use	ICAR
8	Farm godown	-	-	-	-	-	-	-	-
9.	Dairy unit	-	-	-	-	-	-	-	-
10.	Poultry unit	-	-	-	-	-	-	Under Use	ICAR
11.	Goatary unit	-	-	-	-	-	-	-	-
12.	Mushroom Lab	-	-	-	-	-	-	-	-
13.	Mushroom production unit	-	-	-	-	-	-	-	-
14.	Shade house	-	-	-	-	-	-	Under use	ICAR
15.	Soil test Lab	-	-	-	-	-	-	Under Use	ICAR
16	Others,Please Specify	-	-	-	-	-	-	-	-
	Minimal Processing Unit	-	-	-	-	-	-	Under Use	ICAR

* 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 DI/Plus	2011	-	1,06,421	Running Condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
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a. Lab equipment				
Mridaparikshak Soil testing Kit	2015-16	750000	Functioning	ICAR
Reagent Refilling Kit	2015-16	42525	Functioning	ICAR
b. Farm machinery				
Power Triller			Non functioning	
Pumpset (Kirlosuare) 10 Hp	2011-12	100000	Functioning	ICAR
Minimal Processing Unit (Turmeric)	2016-17	983806	Functioning	ICAR
c. AV Aids				
Camera	2012-13	7900	Functioning	ICAR
Digital Camera	2016-17	17900	Functioning	ICAR
Projector with Screen	2016-17	4990	Functioning	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Secature	2017-18	525.00	Functioning	ICAR
Spade	2017-18	600.00	Functioning	ICAR
Cutter	2017-18	1705.00	Functioning	ICAR
Garden Rake	2017-18	170.00	Functioning	ICAR
Brush Cutter	2017-18	180000.00	Functioning	ICAR

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	06.02.2019	27	To increase production in rice fallow area	Demonstration on Paddy-chick pea cropping system	
			Focus on organic millet cultivation	Training on Organic farming	

* 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 (2018-19)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rainfed upland
2	Agro-climatic Zone	Eastern Ghat Highland Zone
3	Agro ecological situation	AES- I (600-900MSL), AES-II (300-600 MSL), AES-III (< 300 MSL)
4	Soil type	Red soils
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice, Ragi, Ginger, Vegetables
6	Mean yearly temperature, rainfall, humidity of the district	Max.- 34.1, Min- 10.4, 1567,
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

2.b. Details of operational area / villages (2018-19)

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.	Subai	Nandapur	Muliaput	Rice, Millets, Vegetable		
2.	chanda ka	Pottangi	Jhankarguda	Rice, Millets, Vegetable, Spices		
3.	Anchala	Borrigum ma	Anchala	Rice, Millets, Vegetable,		
4.	Jeypore	Jeypore	patraput	Rice, Vegetables		

5.	Nanadapur	Nandapur	Sariaput	Rice, Millets, Vegetable, Spices		
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2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2018-19) for its development and action plan

Name of village	Block	Action taken for development
Muliaput	Nandapur	FLD, OFT, Training
Jhankarguda	Pottangi	FLD, OFT, Training
Anchala	Borigumma	FLD, OFT, Training
Patraput	Jeypore	FLD, OFT, Training
Sariaput	Nandapur	FLD, OFT, Training

2.1 Priority thrust areas

S. No	Thrust area
1.	Replacement of traditional varieties of cereals like paddy, ragi, pulses of Arhar, green gram and oilseeds like groundnut, niger and toria
2.	Off season vegetable cultivation, varietal replacement with HYV/hybrid varieties in cabbage and cauliflower, sweet potato, onion, beans ,wilt tolerant varieties of tomato, micronutrient management in cole crops
3.	Integrated nutrient management in different crops, use of vermicompost, green manuring and bio fertilizers
4.	Disease and pest management in horticultural and field crops
5.	Improving productivity of livestock (small ruminants) and backyard poultry through routine de-worming, vaccination and strategic feed supplementation.
6.	Oyster mushroom cultivation
7.	Italian honeybee keeping
8.	Commercial Floriculture
9.	Agro forestry
10.	Value addition for generating additional income, drudgery reduction, food security
11.	Capacity Building
12.	Farm mechanization

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD											
No. of technologies tested:												No. of technologies demonstrated:											
Number of OFTs		Number of farmers										Number of FLDs				Number of farmers							
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC	ST		Others		Total						SC	ST		Others		Total				
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
8	6	56	0	0	3	1	0	0	3	1	4	12	10	120	0	0	56	4	0	0	5	4	1
					0	2			0	2	2						4	4			6	4	2
																							0

Training												Extension activities											
Number of Courses		Number of Participants										Number of activities				Number of participants							
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC	ST		Others		Total						SC	ST		Others		Total				
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
52	21	1040	0	0	28	2	0	0	2	2	5	180	180	2100	2	18	8	6	85	72	1	9	2
					8	1			8	1	0				4	5	4	6			1	2	1
						2			8	2	0				6		6	6			7	3	0
																					7		0

Impact of capacity building											Impact of Extension activities											
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended				Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)							
Target	Achievement	SC	ST		Others		Total			Target	Achievement	SC	ST		Others		Total					
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Seed production (q)	Planting material (in Lakh)
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Target	Achievement	Target	Achievement
10.9	10.9	500000	314000

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0	0	25	25

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	3	-	3	3.16	3.1	-	-
Seminar/conference/ symposia papers	4	-					
Books	2	20					
Bulletins	2	1000					
News letter	2	1000					
Popular Articles	4	15					
Book Chapter	-	-					
Extension Pamphlets/ literature	5	500					
Technical reports	10	100					
Electronic Publication (CD/DVD etc)	10	10					
TOTAL	44	2665					

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of paddy based cropping system
2.	Problem diagnosed	Not growing any 2 nd crop after paddy in Paddy –fallow area
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment of Paddy based cropping system FP- Paddy(Var- MTU-1001,duration130days)-fallow TO1- Paddy(Var-Sahabhadhan, duration:95-100 days)–Green Gram(var-OUM-11-5) TO2- Paddy(Var-Sahabhadgi) –Black Gram(var-Ujala) TO3- Paddy(Var-Sahabhadhan) –Bengal Gram(var-JG-14)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, 2016
5.	Production system and thematic area	Rainfed medium land and crop production
6.	Performance of the Technology with performance indicators	Yield (q/ha), REY, No of effective tillers/plant,No of pods/plant, Economics, B:C ratio
7.	Final recommendation for micro level situation	Rice – chick pea cropping system gives highest REY 53.703qtl/ha with B:C ratio1.9 so this cropping system is suitable for rice fallow area to get two crops from same piece of land
8.	Constraints identified and feedback for research	Non availability of seeds of short duration suitable variety for rabi green gram, Black gram and chick pea.
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Not growing any 2nd crop after paddy in Paddy –fallow area

Technology assessed: Assessment of Paddy based cropping system

FP- Paddy(Var- MTU1001,duration130days)-fallow

TO1- Paddy(Var-Sahabhadhan, duration:95-100 days)–Green Gram(var-OUM-11-5)

TO2- Paddy(Var-Sahabhadhi) –Black Gram(var-Ujala)

TO3- Paddy(Var-Sahabhadhan) –Bengal Gram(var-JG-14)

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha) REY	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP	7	8	-	-	-	41.8	40900	63745	22845	1.5
TO1	7	7	-	-	-	52.09	42967	79489	36522	1.85
TO2	7	7	-	-	-	51.63	42967	78787	35820	1.83
TO3	7	7	-	-	-	53.7	42967	81897	38930	1.9

OFT-2

1.	Title of On farm Trial	Assessment of wilt tolerant hybrid tomato varieties
2.	Problem diagnosed	Low yield of hybrid tomato during kharif season due to high wilt incidence
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIHR

5.	Production system and thematic area	Rainfed upland and horticulture
6.	Performance of the Technology with performance indicators	No.of fruits/plant,yield(q/ha), Net return, Gross return, B:C ratio
7.	Final recommendation for micro level situation	Arka Rakshak yield of 487.57 (q/h) was suitable for rainfed condition was disease resistance to tomato leaf curl virus ,bacterial wilt,and early blight
8.	Constraints identified and feedback for research	Not suitable for kharif
9.	Process of farmers participation and their reaction	In field day ,Good variety with high yield and wilt tolerant and leaf curl virus tolerant

Thematic area: Horticulture

Problem definition: Low yield of hybrid tomato during kharif season due to high wilt incidence

Technology assessed: FP: Locally grown hybrid var lakhmi susceptible to wilt

TO1- Hybrid-Arka Samrat, High yielding F1 hybrid with triple disease resistance tomato leaf curl virus ,bacterial wilt, and early blight. seasons. Yields40-50 tons per acre in 140-150 days

TO2- Hybrid- Arka Rakshak, High yielding F1 hybrid with triple disease resistance to tomato leaf curl virus ,bacterial wilt, and early blight. Yields40-50 tons per acre in 140-150 days

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%wilt)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fruits /plants	Wt. of fruits/plant (kg)	Wt of fruits						

FP	7	64	2.5	50g	60	307.57	237800	461357	223557	1.94
TO1	7	110	5.5	70g	20	457.28	294857	712928	418071	2.41
TO2	7	113	5.2	65g	25	487.57	297142	731357	434214	2.46

Results: the Hybrid Arka Rakshak is a heavy yielder even under heavy and fluctuating rainfall and is wilt tolerant with an yield of 487.57q/ha

OFT-3

1.	Title of On farm Trial	Assessment of China Aster varieties
2.	Problem diagnosed	Low yield from local varieties
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIHR
5.	Production system and thematic area	Rainfed upland and Horticulture
6.	Performance of the Technology with performance indicators	No of flowers /plant, wt of flowers/plant, shelf life, yield(q/ha), Net return, Gross return, B:C ratio
7.	Final recommendation for micro level situation	Arka Archana is an early yielder, heat tolerant China aster variety
8.	Constraints identified and feedback for research	Varieties suitable for heat tolerance and tolerant to pest incidence
9.	Process of farmers participation and their reaction	Field visit to OFT plots and the flower blooms in high heat and fluctuating rainfall

Thematic area: horticulture

Problem definition: Low yield from local varieties

Technology assessed: FP: Locally grown hybrid var lakhmi susceptible to wilt

TO1- Arka Archana, white colour. powder puff, flower, semi erect plant type, 12.5t/ha shelf life of 4.16days, no of flowers /plant- 45 propagated by seed

TO2- Arka Sashanka . Produces creamy white flower, puff type and attractive flowers than local white variety, bears 45 flowers per plant which are double the yield of the local white variety

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
		Plant height (m)	No of flowers //plant	Wt of flowers						
FP	7	30	10	1g	50	66.71	55000	60710	11710	1.21
TO1		55	30	2g	30	108.42	73000	108420	35420	1.48
TO2		44	25	1.5g	30	100.00	73000	100000	27000	1.36

Results: Arka Aachana variety of China Aster is a good yielder

OFT-4

1.	Title of On farm Trial	Assesment of intercrops in Mango plantation
2.	Problem diagnosed	Low income from sole mango plantation No use of interspaces of mango plantation

				mp Weight		(q/ha)				
FP	7	40	-	-	-	4	27,000	60,000	33,000	2.2
1	7	40	4.4	109	-	557	3,00,000	7,76,000	4,76,000	2.6
2	7	40	7.07	177	-	354	2,00,000	4,71,000	2,71,000	2.4

OFT-5

1.	Title of On farm Trial	Assesment of spacing on growth of Eucalyptus camaldulensis in EGHZ of Koraput
2.	Problem diagnosed	Poor growth of eucalyptus in random planting
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	SAU
5.	Production system and thematic area	Rainfed upland and Agroforestry
6.	Performance of the Technology with performance indicators	Plant height (m), Diameter (m), Total Volume (m ³ /ha), Mean tree volume (cft), B: C ratio
7.	Final recommendation for micro level situation	Continuing the trail (diameter decreases as the planting density increases) Increase in height with increase the distance between trees
8.	Constraints identified and feedback for research	This trails take 3 years to complete and analyzing the economics part
9.	Process of farmers participation and their reaction	Field visit

Thematic area: Agroforestry

Problem definition: Poor growth of eucalyptus in random planting and less number of tree planted

Technology assessed: TO1- Spacing between the seedlings was 3m x 3m

TO2- Spacing between the seedlings was 3m x 2m

TO3- Spacing between the seedlings was 3m x 1m

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
		Plant height (m)	Diameter (m)	Total Volume (m ³ /ha)						
FP	7	4.28	0.031	5.31	-					
1	7	4.5	0.035	3.86	-					
2	7	4.5	0.033	5.25	-					
3	7	4.02	0.03	6.42	-					

Result: Trail continue....

OFT-6

1.	Title of On farm Trial	MANAGEMENT OF CHILLI LEAF CURL
2.	Problem diagnosed	Low yield in chilli due to severe chilli leaf curl
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1- 1 spray of Emamectin benzoate 5% SG @ 4g/10 litre followed by Imidacloprid 17.8% SL @ 3ml/10 litre TO2- 1 spray of Spraying of Thiomethoxam25 WG@100 g/ha followed by 1 spray of Emamectin benzoate 5% SG@4g/lit.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Vegetables
5.	Production system and thematic area	Rainfed upland, Crop Protection

1	07	-	-	82.0	22.4%		1,07,500/-	2,46,000/-	1,38,500/-	2.29
2	07	-	-	95.6	16%		1,10,000/-	2,86,800/-	1,76,800/-	2.60

Results:

Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year 2018-19

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration								Reasons for shortfall in achievement	
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Sweet corn	INM	Soil test based application of N:P:K(120-60-60) and S@20 kg/ha and Azotobacter(liquid) 600ml/ha+PSB 600ml/ha	1ha	1ha	0	0	6	4	0	0	6	4	10	
2.	Turmeric	Horticulture	Demonstration on Integrated nutrient management in turmeric growing of turmeric with 75% STBR and 10q of vermicompost and Azotobacter @10kg/ha and PSB @10kg/ha	0.4	0.4	2	0	3	5	0	0	0	0	10	
3.	Ginger	Horticulture	Demonstration on nutrient management of Ginger	0.4	0.4	3	0	2	5	0	0	0		10	

			Nutrient management of Ginger Application of STBR in ginger along with Boron(4.5kg) and Zn(6kg)														
4.	Tissue culture banana	Horticulture	Demonstration on Tissue culture Banana	0.4	0.4	0	0	5	5	0	0	0	0	1	0		
5.	Ginger	Agroforestry	Ginger grown as intercrop in tree plantation, which is grown well under partial shade of trees	1	1	0	0	7	3	0	0	7	3	1	0		
6.	Eucalyptus+ Maize	Agroforestry	Maize grown as intercrop with eucalyptus plantation of initial stage.	1	1	0	0	8	2	0	0	8	2	1	0		
7.	Bamboo	Agroforestry	Raising of Dendrocalamus strictus	1	1	0	0	6	4	0	0	6	4	1	0		
7.	Potato	Plant protection	Demonstration on management of early blight of potato	1	1	0	0	5	5	0	0	0	0	1	0		
8.	Ragi	Plant protection	Demonstration on management of ragi blast	1	1	0	0	5	5	0	0	0	0	1	0		
9.	Mushroom	Homestead	Demonstration on rowing of Oyster mushroom, <i>Hypsizygu ulmarius</i> (Blue oyster)	1	1	0	0	5	5	0	0	0	0	1	0		

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 ₂ O ₅	K ₂ O					
Sweet corn	summer	Irrigated upland	Sandy loam	Low	medium	medium	vegetable	2.01.2019 to 15.01.2019	15.4.2019 to		

									30.04.2019		
Turmeric	Horticulture	Demonstration on Integrated nutrient management in turmeric growing of turmeric with 75% STBR and 10q of vermicompost and Azotobacter @10kg/ha and PSB @10kg/ha	Rainfed upland								
Ginger	Horticulture	Demonstration on nutrient management of Ginger Nutrient management of Ginger Application of STBR in ginger along with Boron(4.5kg) and Zn(6kg)	Rainfed upland								
Tissue culture banana	Horticulture	Demonstration on Tissue culture Banana Grand Naine	Rainfed upland								
Ginger	Kharif	RF	Red Soil				Mango + Fallow	11.06.2018	25.02.2019		
Eucalyptus+ Maize	Kharif	RF	Red Soil				Eucalyptus + No crop in interspac	03.07.2018	29.09.2018		

							e				
Bamboo	Kharif	RF	Red Soil				Wasteland	31.07 2018			
Potato	Plant Protection	Demonstration on management of early blight of potato									
Ragi		Demonstration on management of ragi blast									
Mushroom		Demonstration on rowing of Oyster mushroom, <i>Hypsizygus ulmarius</i> (Blue oyster)									

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut	Crop Production	Improved cultivation practices of groundnut	50	20	16.5	11.5	19.7	39,500	74,250	4750	1.88	32500	51,750	19,250	1.59
Total			50	20	16.5	11.5	19.7	39,500	74,250	4750	1.88	32500	51,750	19,250	1.59

* 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
Pigeon pea	Crop Production	Improved cultivation practices of pigeon pea	38	20	14.0	9.64	10.5	29,166	70,000	40,834	2.4	24,100	48,200	23,900	2.0
	Total		38	20	14.0	9.64	10.5	29,166	70,000	40,834	2.4	24,100	48,200	23,900	2.0

* 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
Sweet corn	INM	Soil test based application of N:P:K(120-60-60) and S@20 kg/ha and Azotobacter(liquid) 600ml/ha+PSB 600ml/ha	10	1ha	7221 cobs/ha	57777cobs/ha	24.9			50,000	1,80,553	1,30,553	3.6	45500	1,44443	99443	3.2
Ginger	Horticulture	Demonstration on Integrated nutrient management in turmeric growing of turmeric with 75% STBR and 10q of vermicompost and Azotobacter @10kg/ha and PSB @10kg/ha	10	0.4ha	159.4	102	56.27	Wt of rhizome/plant 165g	Wt of rhizome/plant 90g	173470	398500	225030	2.29	161670	255000	93330	1.58
Turmeric	horticulture	Demonstration on nutrient management of Ginger Nutrient management of GingerApplication of STBR in ginger along with Boron(4.5kg) and Zn(6kg)	10	0.4ha	127	71.5	77.6	Wt of rhizome/plant 455g	Wt of rhizome/plant 150.5g	115980	317500	201520	2.73	98500	178750	80250	1.81
Banana	horticulture	Demonstration on Tissue culture Banana Grand Naine	10	0.4ha	No.of branches/ha 2005	No.of branches/ha 1900	31.57	Wt of branch/plant 40kg	Wt of branch/plant 80kg	163700	300000	136300	1.83	117500	190000	72500	1.6
Ginger	Agroforestry	Performance of Ginger in agrisilvicultural system	10	1	10.97	9.09	21.9	-	-	300000	767900	467900	2.6	257300	630000	372000	2.4
Eucalyptus+ Maize	Agroforestry	Performance of maize as intercrop in eucalyptus plantation	10	1	4.2	0	100	-	-	36100	54600	18500	1.51	0	0	0	0
Bamboo	Agroforestry	Performance of	10	1	Trail on					13880				13880			

		bamboo in wasteland condition of koraput region			progress													
Potato	Plant Protection	Demonstration on Management of Early blight of potato	10	1 ha	180 q	135 q	33.00	PDI- 5%	PDI- 28%	80,000/-	180000/-	100000/-	2.25	70,000/-	135000/-	65000/-		1.9
Ragi	Plant Protection	Demonstration on Management of Ragi Blast	10	1 ha	10.5	7.5	40.00	PDI- 10.0%	PDI- 30.4%	15,400/-	26,250	10,850	1.70	12,500/-	18,750/-	6250		1.5
Mushroom	Homestead	Demonstration on Oyster mushroom cultivation	10	-	1.9 kg/bed	1.4 kg/bed	35.00	-	-	45	162	117	3.6	45	112	77		2.48
		Total	100	7.2														

Livestock

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

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

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

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
-	-	-
-	-	-
-	-	-

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	12.07.2018, 26.09.2018, 13.11.2018	3	150	
2.	Farmers Training		21	471	
3.	Media coverage		8		
4.	Training for extension functionaries	17.12.2018,	2	30	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2018 and Rabi 2018-19:

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 (%)		
				Dist yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Avg.	D	S	P
1	Groundnut	Smruti	11.5	200	300	950	Devi variety Seed rate: 120kg/ha Seed treatment: Seed treatment with Carbendazim @ 2 g/ kg seed Manure & Fertilizer Management: • Application of 5 ton FYM /ha with 20 kg nitrogen, 40 kg phosphorus and 40 kg potassium • Gypsum@ 250 kg/ha. Spraying carbendazim +	50	20 ha	17.5	11.5	16.5	20.1	19.7	22.5

							mancozeb @ 0.25% for management of tikka disease.								
2.	Arhar	Local	9.64	8.0	10.6	14.5	variety PRG176+Seed dressing with vitavax power@3gm/kg seed , Soil micronutrient application , Zypmite @1qtl/ha, PP Chemical Lambdacyhalothri n@2ml/ltr, Metalaxyl + mancozeb @ 2g/ltr	38	20	18.6	9.64	14.0	8.03	10.5	14.5

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	Devi	32500	51,750	19,250	1.59	39,500	74,250	34750	1.88
2	variety PRG176+ Seed dressing, vitavax power@3 gm/kg seed, Soil micronutrient application , Zypmite plus @1qtl/ha,	24,100	48,200	23,900	2.0	29,166	70,000	40,834	2.4

						group/village	
1.	Improved cultivation practices of groundnut	100%	More than 90%	More than 80%	Nil	Yes	Availability of quality seed every year
2	PRG176+Seed treatment with vitavax power@3gm/kg seed and Soil micronutrient application , Zypmite plus @1qtl/ha, ,PP Chemical Lambdacyhalothrin@2 ml/ltr, Metalaxyl + mancozeb @ 2g/ltr	Suitable	PRG176 variety performing good yield	Yes	No	Yes	

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Soil testing and integrated nutrient management	Very good performance	Satisfactory	Farmers are willing to do soil testing and using recommended nutrient management practices
Seed treatment with Bioagents	Very good performance	Very less incidence of charchol rot as compare to the famers practice	Farmers showed satisfactory response
Integrated pest and disease management	Very good performance	Pest and diseases were managed effectively	Farmers showed satisfactory response
Variety PRG176(ICPL 87119) Performing very good yield	PRG176Performing very good	PRG176 performing better yield in comparison to local variety	Farmers satisfied with this technology and demand short duration Arhar variety
Application of Lambdacyhalothrin@2ml/ltr	For Management of pod borer	In local check, There is no weed control so yield is very poor in comparison to Demo .	Farmers are very happy and satisfied with this technology

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Meeting at village prior to starting CFLD programme and farmers selection	15/07/2018	50
2	Farmers field visit and group meeting	22/07/2018	55
3	Farmers field visit and group meeting	12/08/18	50
4	Farmers field visit and group meeting	30/08/18	65
5	Farmers field visit and group meeting	13/09/18	48
6	Field day	15/11/18	50
7	Field day	30-11-2018, Khejrakata	38

G. Sequential good quality photographs (as per crop stages i.e. growth & development)**H. Farmers' training photographs****I. Quality Action Photographs of field visits/field days and technology demonstrated.**

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII. Fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	4	0	0	0	0	0	0	24	26	50	24	26	50	
Nursery management	2	0	0	0	0	0	0	17	8	25	17	8	25	
Integrated Farming Systems	2	0	0	0	0	0	0	12	13	25	12	13	25	
XII. Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	16	0	0	0	3	2	5	142	103	245	145	105	250	

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				
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII. Fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	1	0	0	0	0	0	0	14	11	25	14	11	25	
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0	
Integrated Farming Systems	3	0	0	0	0	0	0	41	34	75	41	34	75	
XII. Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	7	0	0	0	2	3	5	88	82	170	90	85	175	

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Course s	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0

F) Extension Personnel (Off Campus)

Thematic Area	No. of Course s	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	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop intensification	-	-	-	-	-	-	-	-	-	-	-	-	-
Others if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	3	4	2	6	3	2	5	12	7	19	19	11	30

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	FM/FW	Integrated Nutrient Management in Ragi	2	ONC	18	7	25	18	7	25
	FM/FW	Integrated Nutrient Management in Transplanted Low land Rice	2	ONC	18	7	25	18	7	25
	FM/FW	Improved cultivation Practice of Niger	1	OFC	14	11	25	14	11	25
	FM/FW	Integrated Farming System	1	OFC	9	16	25	9	16	25
	FM/FW	Integrated Nutrient Management in Maize	2	ONC	16	9	25	16	9	25
Plant Protection	FM/FW	IPM for fruit and shoot Borer in Brinjal	2	ONC	12	13	25	12	13	25
	FM/FW	Management of ragi Blast	2	ONC	15	10	25	15	10	25
	In-Service	Techniques in quality planting materials production and commercial	2	On Campus	10	5	15	10	5	15

Horticulture		cultivation of tuber crops								
	Farm & Farm Women	Cultivation technique of hybrid Tomato	1	Off Campus	12	13	25	12	13	25
	Farm & Farm Women	Planting techniques and nutrient management in turmeric	2	On Campus	5	25	25	5	20	25
Agroforestry	Farm & Farm Women	Multipurpose tree: Role and Importance	1	Off Campus	14	11	25	14	11	25
	Farm & Farm Women	Tree crop combination for planting on farmers field	2	On Campus	11	14	25	11	14	25
	Farm & Farm Women	Techniques for establishment of Agroforestry plantation	1	Off Campus	15	10	25	15	10	25
	Farm & Farm Women	Integrated commercial farming through Hort-Agroforestry crops	2	On campus	21	4	25	21	4	25
	Farm & Farm Women	Agroforestry practices through soil conservation	2	On Campus	14	11	25	14	11	25
	Farm & Farm Women	Planting methods for agroforestry trees	1	Off Campus	10	15	25	10	15	25
	Farm & Farm Women	Role of agroforestry on bioenergy production I	1	Off Campus	16	9	25	16	9	25
	Rural Youth	Round the year fodder production from agroforestry	4	On Campus	11	4	15	11	4	15
	In-Service	Potential of medicinal & Aromatic plants under integrated land use system	2	On campus	12	3	15	4	2	6

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

*training title should specify the major technology /skill transferred

D) Sponsored Training Programmes

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

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	3	105	45	150	100	4	0	24	105	45	150
KisanMela	2	210	190	400	80	6	3	9	216	193	409
KisanGhosthi	-	-	-	-	-	-	-	-	-	-	-
Exhibition	4	452	348	800	95	21	11	32	452	348	800
Film Show	30	565	285	850	92	7	3	10	572	288	860
Method Demonstrations	-	-	-	-	-	-	-	-	-	-	-
Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-	-
Group meetings	-	-	-	-	-	-	-	-	-	-	-
Lectures delivered as resource persons	17	980	820	1800	80	26	17	43	1006	837	1843
Advisory Services	15	55	45	100	45	-	-	-	55	45	100

		5	5	0							
Scientific visit to farmers field	120	1864	1726	3690	100	-	-	-	1864	1726	3690
Farmers visit to KVK	1187	726	461	1187	99	22	9	31	726	461	1187
Diagnostic visits	25	211	133	344	80	4	-	4	211	133	344
Exposure visits	-	-	-	-	-	-	-	-	-	-	-
Ex-trainees Sammelan	10	196	145	341	62	-	-	-	196	145	341
Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	1	81	75	156	100	1	0	1	81	75	156
Farm Science Club Conveners meet	1	20	0	20	100	-	-	-	20	0	20
Self Help Group Conveners meetings	1	0	20	20	100	-	-	-	0	20	20
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)											
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	12	55	42	97	20	15	10	25	55	42	97
Mahila Kisan Divas	1	3	55	58	100	3	5	8	3	55	58
World food day	1	26	36	62	100	7	5	12	26	36	62
R-E linkage	11	86	48	134	100	68	42	110	86	48	134
Any Other (Specify)											
Total	1441	1404	4497	5901	-	184	105	289	1404	4497	5901

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	16
Radio talks	4
TV talks	4
Popular articles	16
Extension Literature	21

Other, if any

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3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Turmeric	Roma	9	22500	5	35	07	47
Ginger	Suprava	2.25	9000	4	15	05	24
Ragi	Bharabi	2	3500	2	12	04	18
Niger	Utkal Niger	1.70	8500	5	10	04	19
Grand Total		14.95	43500	16	72	20	108

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	-	-	-	-	-	-	-
Cabbage	-	-	-	-	-	-	-
Tomato	Samrat, Arka Rakshak	15000	15000	120	280	120	520
Brinjal	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Fruits							
Mango	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-
Lime	-	-	-	-	-	-	-
Papaya	-	-	-	-	-	-	-
Banana	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Ornamental plants	-	-	-	-	-	-	-

China Aster	Aka Kamini, Arka Archana	18000	21600	140	210	50	400
Medicinal and Aromatic	-	-	-	-	-	-	-
Plantation	-	-	-	-	-	-	-
Spices	-	-	-	-	-	-	-
Turmeric	-	-	-	-	-	-	-
Tuber	-	-	-	-	-	-	-
Elephant yams	-	-	-	-	-	-	-
Fodder crop saplings	-	-	-	-	-	-	-
Forest Species	Acacia, Bamboo	1400	8400	45	210	92	347
Others, pl.specify	-	-	-	-	-	-	-
Total		34400	45000	305	700	262	1267

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted			
	Kg		SC	ST	Other	Total
Bio-fertilizers	-	-	-	-	-	-
Bio-pesticide	-	-	-	-	-	-
Bio-fungicide	-	-	-	-	-	-
Bio-agents	-	-	-	-	-	-
Others, please specify.	-	-	-	-	-	-
Vermicompost	1200	12000	18	43	24	85
Vermoworm	13	6500	7	31	29	62
Total	1213	18500	25	74	53	147

Production of livestock materials

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

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

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

i) Name of Seed Hub Centre: NA

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2018	-	-	-	-	-	-
	-	-	-	-	-	-
Rabi 2018-19	-	-	-	-	-	-
	-	-	-	-	-	-
Summer/Spring 2019	-	-	-	-	-	-

iii) Financial Progress

Fund received (2016-17, 2017-18 and 2018-19)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	-	-	-	-
2017-18	-	-	-	-
2018-19	-	-	-	-

iv) Infrastructure Development

Item	Progress
------	----------

Seed processing unit	-
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper	-	-	-	-
Seminar/conference/ symposia papers	Homestead farming in rainfed uplands for diversification and resource conservation	Maharana, JR, S. Dandasena, MR Nayak ,L.Dip, P.K.Roul		
	Role of Women in Agroforestry Farming System	M. R. Nayak, L. Dip, J. R. Maharana, S. Dandasena, S. Behera, L. K Murmu, M. Jena, P. K. Roul		
Books	Nursery management	M. R. Nayak		
Bulletins	-			
News letter	Alasi	J. R. Maharana		
Popular Articles	Baunsa Chasa, Krushi Upare nimbara upajogita	M. R. Nayak		
Book Chapter				
Extension Pamphlets/ literature	-			
Technical reports	-			
Electronic Publication (CD/DVD etc)	-			
TOTAL	-			

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training on improved cultivation of Horticulture crops	Training on improved cultivation of Horticulture crops	Dr JR Maharana, SSH (I/C) cum scientist Horticulture	4.4.18.to 6.4.18	IIHR bangalore
2.	KVK zonal workshop	KVK zonal workshop	Dr JR Maharana, SSH (I/C) cum scientist	26.5.18 to 28.5.18	OUAT, BBSR

			Horticulture		
3.	Orientation training of SSH on Modalities of KVK	Orientation training of SSH on Modalities of KVK	Dr JR Maharana, SSH (I/C) cum scientist Horticulture	9.7.18 to 11.7.18	DEE, OUAT, BBSR
4.	State level pre seasonal workshop Rabi campaign 2018	State level pre seasonal workshop Rabi campaign 2018	Dr JR Maharana, SSH (I/C) cum scientist Horticulture	14.11.18 to 16.11.18	Krishi Bhawan, BBSR
5.	State level pre seasonal workshop Rabi campaign 2018	State level pre seasonal workshop Rabi campaign 2018	Dr. Manas Ranjan Nayak, Scientist (Forestry)	14.11.18 to 16.11.18	Krishi Bhawan, BBSR
6.	training programme on “KVK sandesh Mobile App” under Digital India Initiative in Agriculture	training programme on “KVK sandesh Mobile App” under Digital India Initiative in Agriculture	Dr. Manas Ranjan Nayak, Scientist (Forestry)	13 th August, 2018	KVK, Bolangir
7.	Regional Workshop on Protection of Plant Varieties & Farmer’s Right	Regional Workshop on Protection of Plant Varieties & Farmer’s Right	Dr. Manas Ranjan Nayak, Scientist (Forestry)	15 th March, 2019	ATARI, Kolkata

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

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

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

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

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

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

- b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Ginger	NA	NA	NA	N
2.	Rice	NA	NA	NA	N

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Participatory Rural Appraisal	Collection of information and prepare the map of the village

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

Sl. No	Name of the Equipment	Qty.
1	Specrophotometer	1
2	Flamephotometer	1
3	Nitrogen Auto analyzer	1
4	pH meter	1
5	Conductivity meter	1
6	Refrigerator	1
7	Top pan balance	1
8	Physical blance	1
9	Soil Augur	1
10	Bouyoucos hydrometer	1
11	Mechanic Stirrer	1
12	Colony counter	1
13	Plant sample grinder	1
14	Hot water bath	1
15	Horizontal shaker	1
16	Distilled water unit	1
17	Hot air oven	1
18	Labortory centifuse	1
19	Soil auger	1
20	Stereo binnocular microscope	1
21	BOD incubator	1
22	Hot plate	1
23	pH electrode	1
24	Soil testing kit	1
25	Stabilizer	1
26	Soil thermometer	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			
25	0	25	25	5	0

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	World Soil Day	200	50	Sj. Prafulla Pangi, MLA, Pottangi	100	200

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed
-	-

ARS trainees trained	No of days stayed
NA	-

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

Date	Name of the person	Purpose of visit
25.5.18	DR Ashok Mishra, OIC, AICRP on Potato, OUAT	For TSP work
28.09.2018	Dr. Manoranjan Mohapatra, JDE, DEE, OUAT, BBSR	Visited the adopted Villages and monitoring the different unit of KVK.
25.10.2018	Sj. M. K. Pani, Addl. Secretary, Dept. Of Agriculture & Farmers empowerment. Govt. Of Odisha	Visited the KVK and Discuss with the economic Condition of Koraput district

09.11.2019	Sj. Alok Kumar Anugulia, Asst. Collector & Executive magistrate cum RMC Secretary, O/o Sub-Collector, Koraput	Discuss regarding development of Gramin Hat in KKA-II programme.
03.02.2019	Sj. Murali Pradhan	Visiting demount of KVK
06.02.2019	Dr. Prasannajit Mishra, JDE(VP), DEE, OUAT, BBSR	Attending SAC meeting
06.02.2019 & 07.02.2019	Prof. S. Pasupalak, Hon'ble, Vice-Chancellor, OUAT, BBSR	Attending SAC meeting and inaugurate the Turmeric Processing Unit
06.02.2019 & 07.02.2019	Dr. L. M. Garnayak, Dean of Research, OUAT, BBSR	Attending SAC meeting and inaugurate the Turmeric Processing Unit
06.02.2019 & 07.02.2019	Dr. S. S. Singh, Director, ATARI, Zone-V, Kolkata	Attending SAC meeting and inaugurate the Turmeric Processing Unit

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)
-	-	-	-	-

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
-	-	-	-

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	-
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4.5. Details of entrepreneurship development

Entrepreneurship development	Organic farming
Name of the enterprise	Netrananda Lenka
Name & complete address of the entrepreneur	Netrananda Lenka, At- Patraput, P.O. Jeypore, Dist- Koraput
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Name of organization	Nature of linkage
Dept. of Agriculture	Jointly Organise Soil health day, Akhyatritiya, Research Extension linkage
Dept. Of Horticulture	Research Extension linkage
Dept. of Soil and water conservation	Research Extension linkage
Dept. of Veterenary and animal Husbandry	Research Extension linkage
NGO	Research Extension linkage, Technical support
NAICO	Promoting Mushroom grower in adopted area
IISWC, Sunabeda	TechnicalSupport, Research Extension linkage
RRTTS, Semiliguda	Technical Support, Research Extension linkage

5.2. List of special programmes undertaken during 2018-19 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

a) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
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Minimal Processing Unit	Turmeric processing plant		ICAR	15,00,000
Renovation of Farmers Hostel	Renovation of Farmers Hostel		ICAR	15,00,000

(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.)
H2H Trails	OFT	July	IRRI	16,000

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of est.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	-	-	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-	-	-
3.	-	-	-	-	-	-	-	-	-
4.	-	-	-	-	-	-	-	-	-
5.	-	-	-	-	-	-	-	-	-
6.	-	-	-	-	-	-	-	-	-
7.	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-

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	
Turmeric	10-06-2018	29-01-19	0.1	Roma	CS	9	15000	22500	
Ginger	07-06-18	22-02-19	0.02	Suprava	CS	2.25	5000	9000	
Ragi	05-07-18	10-10-18	0.1	Bhairabi	CS	2	2000	3500	
Niger	09-07-18	20-11-18	0.3	Utkal Niger	CS	1.70	5600	8500	

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	12000	4350	11000	-

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

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
August	50	4	-
September	100	8	-
October	100	8	-
November	75	6	-
December	100	8	-
January	100	8	-
February	75	6	-
March	40	30	-
Total :	640	78	-

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: Not available

No. of staff quarters: 3 (Damaged)

Date of completion: -

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI
-						
-						
-						
-						

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	State Bank of India	Sunabeda	10575312331
Current	State Bank of India	Sunabeda	30360950639

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	
Ground Nut	2,40,000	-	2,40,000	-	0

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	
Arhar	1,78,800	-	1,78,800	-	0

7.4. Utilization of KVK funds during the year 2018-19 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	66,00,000	66,00,000	66,00,000
2	Traveling allowances	70,000	70,000	70,000
3	Contingencies	11,00,000	10,98,800	10,98,800
A				
B				
C				
D				
E				
F				
G				
H				
I				
J	Swachhta Expenditure	0	0	0
TOTAL (A)		77,70,000	77,68,800	77,68,800
B. Non-Recurring Contingencies				
1	Works	15,00,000	15,00,000	15,00,000
2				
3				
4				
TOTAL (B)		15,00,000	15,00,000	15,00,000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		15,00,000	15,00,000	15,00,000

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2015-16	1,31,274	1,75,375	79224	
2016-17	77,425	1,32,800	42815	
2017-18	17410	1,91,500	5,30,55	
2018-19	Nil	1,66,170	64,317	

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

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

(iii) Details of marketing channels created for the SHGs: NA

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
World Soil Day	1	Rabi	Dept of Agriculture and Farmers welfare		
Research Extension Meeting	11	Every month	With all line department		

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)
Falsesmut	Paddy	September	2200 Ha	25	600 ha
Bacterial Blight	Paddy	August	1100 Ha	20	400 ha

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	17	13750
Livestock	4	13750

Fishery	1	13750
Weather	12	13750
Marketing	3	13750
Awareness	13	13750
Training information	17	13750
Other	6	13750
Total	73	1,10,000

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	67
2.	No. of farmers registered in the portal	79
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	22

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
16/12/18	Ceanliness and sanitation drive in villages adopted under the mera gaon mera gaurav programme
17/12/18	Stock taking of waste management and other activities including organic waste
18/12/18	Organising workshops,exhibitions,technology demonstrations on agricultural technologiesfor conservation of waste to wealth,safe disposal of all kind of waste,debate on swachata at Dare/ICAR establishment,seminar,awareness camps,ralies,street plays and expert talk
19/12/18	Campaignon cleaning of sewerage &waterlines, awareness on recycling of waste water,water harvesting of agriculture/horticulture application /kitchen garden in residential colonies/1-2 near by villages
20/12/18	Celebration of special day-Kisan Diwas(Farmers Day-23 December inviting farmers Experience sharing on swachata initiatives by farmers and civil society officials,elicitating farmers/civil society officialsfor exemplary initiatives on swachata.
21/12/18	Swachata Awareness at local level(organizing sanitation campains involving and with the help of farmers,farm women and village youth in new village not adopted by any institution /establishment.

22.12.18	Cleaning of public places, community market places and/or near by tourist spots.
23.12.18	Fostering healthy competition : Organising competition and rewarding best offices/ residential area/ campus cleanliness quize, essay and drawing competition for school children, village youth.
24.12.18	Stock taking of wastes management and other activities including utilization of organic wastes / generation of wealth from waste, polythene free status composting of kitchen and home waste materials, promoting clean and green technology and organic farming practices in community places and on the spots redressal of issues.
25.12.18	Campaign on cleaning of sewerage and water lines, awareness on recycling of waste water, water harvesting for agriculture /horticulture application / kitchen gardens in residential colonies outside campuses/ nearby village with the involvement of local / village communities.
26.12.18	Visits of community waste disposal sites/ compost pits, cleaning and creating awareness on treatment & safe disposal of bio-degradable/non bio-degradable wastes by involving civil/farming community.
27.12.18	Involvement of VIP/ VVPs in the Swachhata activities, Involvement of print and electronic media may be ensured so that adequate publicity is given to the Swachhata Pakhawada.
28.12.2018	Organization of press conference for highlighting the activities of Swachh Bharat Pakhwada by involving all stake holders including farmers /VIPs/ press and electronic media.

b. Details of Swachhata activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth		

for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner	4	10000
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)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		

9.6. Observation of National Science day

Date of Observation	Activities undertaken
-	-

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants
-	-	-

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

9.9. Details of 'Pre-Rabi Campaign' Programme

Date of	No. of Union Ministers	No. of Hon'ble MPs	No. of State Govt.	Participants (No.)	Cove rage by	Cove rage by

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

9.10. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Particip ants	No. of VIPs	Name (s) of VIP(s)
1	Celebration of special day- Kisan Diwas(Farmers Day-23 December inviting farmers Experience sharing on swachata initiatives by farmers and civil society officials,elicitating farmers/civil society officialsfor exemplary iniciatives on swachata.	1	10	0	0
2	Swachata Awareness at local level(organizing sanitation campains involving and with the help of farmers,farm women and village youth in new village not adopted by any institution /establishment.	1	07	0	0
3	Cleaning of public places, community market places and/or near by tourist spots.	1	10	0	0
4	Fostering healthy competition : Organising competition and rewarding best offices/ residential area/ campus cleanliness quize, essay and drawing competition for school children, village youth.	1	7	0	0
5	Stock taking of wastes management and other activities including	1	10	0	0

	utilization of organic wastes / generation of wealth from waste, polythene free status composting of kitchen and home waste materials, promoting clean and green technology and organic farming practices in community places and on the spots redressal of issues.				
6	Campaign on cleaning of sewerage and water lines, awareness on recycling of waste water, water harvesting for agriculture /horticulture application / kitchen gardens in residential colonies outside campuses/ nearby village with the involvement of local / village communities.	1	25	0	0
7	Visits of community waste disposal sites/ compost pits, cleaning and creating awareness on treatment & safe disposal of bio-degradable/non bio-degradable wastes by involving civil/farming community.	1	20	0	0
8	Involvement of VIP/ VVPs in the Swachhata activities, Involvement of print and electronic media may be ensured so that adequate publicity is given to the Swachhata Pakhawada.	1	44	0	0
9	Organization of press conference for highlighting the activities of Swachh Bharat Pakhwada by involving all stake	1	12	0	0

	holders including farmers /VIPs/ press and electronic media.				
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9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Mahila Kisan Divas	1	50	0	NA

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	Mr. Netrananda Lenka	At- Patraput P.O.- Jeypore Dist- koraput Mob: 8249412368	Organic farminf & Agroforestry

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK : NA

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
-	-	-
-	-	-

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Koraput	-	-	-	-

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

a) Year: 2018-19

b) Introduction / General Information: NA

	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.)	-
On-farm trials (Number)	-
Frontline demonstrations (Number)	-
Farmers training (in lakh)	-
Extension personnel training (in lakh)	-
Participants in extension activities (in lakh)	-
Seed production (in tonnes)	-
Planting material production (in lakh)	-
Livestock strains and fingerlings production (in lakh)	-
Soil, water, plant, manures samples testing (in lakh)	-
Provision of mobile agro – advisory to farmers (in lakh)	-
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	-

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

c. Achievements of physical outcome under TSP during 2017-18

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	-

2	Change in family consumption level	%	-
3	Change in availability of agricultural implements/ tools etc.	No. per household	-

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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


-	-	-	-	-	-	-	-	-
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16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
-	-	-	-	-	-	-	-

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3-5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	INM in sweet corn	Soil test based application of N:P:K(120-60-60) and S@20 kg/ha and Azotobacter(liquid) 600ml/ha+PSB 600ml/ha	Rs. 99443/ha	100	
2					

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	-	-	-	-	-
II (up-to 24.04.218)	-	-			
Total	-	-			

19. Information on Visit of Ministers to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
-	-	-	-

20. a) Information on ASCI Skill Development Training Programme, if undertaken during 2017-18 and 2018-19

Year	Name of	Name of the	Date of	Date of	No. of	Whether	Fund
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						<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>T</i>	
KKA-I	25	39 6.4	0.0125 00	-	-	2780	1120	62 40	2897	2361	922	11 38 1	4939	1 6 3 2 0	Dept of Agriculture & Farmers welfare, Dept. of Horticulture
KKA-II	25	34 2.6	0.0125 00	-	-	2781	1302	49 89	2167	1891	1120	96 61	4589	1 4 5 0	Dept of Agriculture & Farmers welfare, Dept. of Horticulture

C. Livestock and Fishery related activities

<i>Name of programme</i>	<i>No. of Programme</i>	<i>Activities performed</i>				<i>No. of farmers benefited</i>									<i>No. of other officials (except KVK) attended the programme</i>
		<i>No. of animals vaccinated</i>	<i>No. of animals dewormed</i>	<i>Feed/nutrient supplements provided (kg)</i>	<i>Any other (Distribution of animals / birds/ fingerlings) [No.]</i>	<i>SC</i>		<i>ST</i>		<i>Others</i>		<i>Total</i>			
						<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>T</i>	
KKA-I	25	17261	331	-	-	228	12 9	183 9	723	38 1	109	24 48	961	34 09	Dept of Veterinary and Animal husbandry
KKA-II	25	6391	847	-	-	231	14 2	131 4	412	23 1	186	17 76	740	25 16	Dept of Veterinary and Animal husbandry

D. Other activities

<i>Name of programme</i>	<i>Activities</i>	<i>No. of farmers benefited</i>									<i>No. of other officials (except KVK) attended the programme</i>
		<i>SC</i>		<i>ST</i>		<i>Others</i>		<i>Total</i>			
		<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>T</i>	
KKA-I	Soil Health Card Distributed	39 5	68	982	138	42 7	229	18 04	43 5	223 9	Dept of Agriculture & Farmers welfare, Dept. of Horticulture, Dept. of Veterinary & Animal Husbandry. Department of Watershed
	NADEP Pit established	12 0	28	237	39	48	28	40 5	95	500	Dept of Agriculture
	Farm implements distributed	29 02	78 2	8893	981	10 31	647	12 82 6	24 10	152 36	Dept of Agriculture & Farmers welfare, Dept. of Horticulture

	Others, if any										
KKA-II	Soil Health Card Distributed	28 6	14 2	491	171	29 2	124	10 69	43 7	150 6	Dept of Agriculture & Farmers welfare, Dept. of Horticulture, Dept. of Veterenary & Animani Husbandry. Department of Watershed
	NADEP Pit established	0	0	0	0	0	0	0	0	0	-
	Farm implements distributed	13 82	20 3	6892	342	19 39	724	10 21 3	12 69	114 82	Dept of Agriculture & Farmers welfare, Dept. of Horticulture
	Others, if any										

Krishi Kalyan Abhiyan- III

No. of villages covered	No. of animal inseminated	No. of farmers benefitted									Any other, if any (pl. specify)
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
67	2073	286	142	1022	312	241	70	1549	524	2073	

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	Webcasting of hon PM KVK campus, Koraput	20.6.18	KVK, Campus	Wbcasting of Hon'ble PM	100
2	World Food Day	16.10.2018	Luhaba	Importance of Food	50

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



Field Day



KKA-II Training



NADEPP UNIT under KKA-I



Inauguration of NEWSLETTER during SAC Meeting



Inauguration of minimal Turmeric Processing Unit



Field visit with line dept. officials of CFLD on Pulses
