

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, Ganjam At : Benakunda P.O: Dihapadhala Via: Tanarada Dist: Ganjam Pin : 761 140 Orissa	9437104867		kvkganjam1.ouat@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Vice-Chancellor, OUAT, Bhubaneswar- 751003 Orissa University of Agriculture & Technology	0674- 2392677		vcouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Swagatika Sahoo		7008357580	

1.4. Year of sanction of KVK: 1985

1.5. Staff Position (as on 1st April, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/Others)
1	Senior Scientist & Head	Dr. Swagatika Sahoo	Senior Scientist & Head	Fishery Science	22320-39100 + AGP 8000 30320	17.05.2018	Permanent	Others
2	Scientist	Sri Prasanta Kumar Panda	Scientist	Plant Protection	15600-39100 + AGP 6000 24850	05.01.2007	Permanent	Others
3	Scientist	Sri Bishnupada Giri	Scientist	Horticulture	15600-39100 + AGP 6000 23950	17.09.2006	Permanent	
4	Scientist	Dr. Santosh Kumar Samantaray	Scientist	Agricultural Extension	15600-39100 + AGP 6000 21390	06-09-2012	Permanent	Others
5	Scientist	Smt. Anita Patro	Scientist	Home Science	15600-39100 + AGP 6000 22220	18.12.2009	Permanent	Others
6	Scientist	Dr. Sidhharth Ranabijuli	Scientist	Animal Science	15600-39100 + AGP 6000 20590	11.05.2012	Permanent	Others
7	Scientist	Sri Satyabrata Mangaraj	Scientist	Agronomy	15600-39100 + AGP 6000 15600	13.08.2018	Permanent	Others
8	Programme Assistant	Ms Shine Sree Dash	Programme Assistant	Forestry	9300-34800 + GP 4200 15600	30.08.2018	Permanent	Others
9	Programe Assistant (Computer)	Sri Sitikantha Mishra	Programme Assistant	Computer Science	9300-34800 + GP 4200 15680	18.01.2006	Permanent	Others
10	Farm Manager	Vacant	-	-	-	-	-	-
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12	Stenographer	Miss Priyadarshini Ghadei	Steno-cum-computer operator	-	5200-20200 +GP 2400 5920	22.07.2015	Permanent	SC
13.	Driver	Sri Saroj Kumar	Driver-cum-mechanic	-	5200-20200	25.07.2007	Permanent	OBC

		Biswal			+ GP 1900 7970			
14.	Driver	Sri Gobinda Gouda	Driver-cum-mechanic	-	5200-20200 + GP 1900 7400	28.07.2008	Permanent	OBC
15.	Supporting staff	Sri Krushna Chandra Pradhan	Peon-cum-watchman	-	4750 –14680+ GP1700 6760	28.07.2008	Permanent	OBC
16.	Supporting staff	Sri Prakash Chandra Gouda	Peon-cum-watchman	-	4750 –14680+ GP1700 6500	20.12.2007	Permanent	OBC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.5
2.	Under Demonstration Units	0.05
3.	Under Crops	10.0
4.	Orchard/Agro-forestry	2.00
5.	Others with details	6.45
	Total	20.00

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					Dilapidated	352.28		
2.	Farmers Hostel					Completed	139.91		
3.	Staff Quarters (6)					Dilapidated	1200		

4.	Piggery unit								
5	Fencing					Completed	2601m		
6	Rain Water harvesting structure								
7	Threshing floor					Completed	222.96		
8	Farm godown					Completed	37.4		
9.	Dairy unit								
10.	Poultry unit					Completed	27		
11.	Goatary unit								
12.	Mushroom Lab					Completed	33		
13.	Mushroom production unit								
14.	Shade house						180		
15.	Soil test Lab					Completed	23.4		
16	pond					Completed	613.16		

* 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
Tata Sumo	3.4.2003	431000/-	317035	Condemned
Hero Honda	31.3.2007	41899/-	27526	Working

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Mrida Parikshyak	2016	85000	running	ATARI
Mrida Parikshyak	2017	85000	running	ATARI
b. Farm machinery				
c. AV Aids				
Computer and accessories	2009-10	Central purchased	Working	ATARI
Printer	2008-09, 2010-11		Working	ATARI
Xerox machine	2016-17	49000	Working	ATARI
Fax machine	2007-08		Not working	ATARI
Colour printer	2017-18	6500	Working	ATARI
Digital camera	2015-16	21000	Working	ATARI
LCD projector	2016-17	35000	Working	ATARI

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Power tiller	1995		Damaged	
Threshing machine	2016-17		working	
Weighing machine	2016-17		Good condition	
Silent genset	2010		Good condition	
Storage bin	2011-12		Good condition	ATARI
Diesel pump set	2016-17	40000	Good condition	
Paddy power weeder	2010-11		Good condition	
Rice transplanter Rice	2007-08		Damaged	
Thresher cum winnower-power operated	2016	40000	Running	ATARI

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.	15.03.2019	30	BPH tolerant paddy var. may be tested	Will be conducted in current year action plan	
			YMV tolerant greengram variety may be popularised	Will be conducted in current year action plan	
			Post emergence weedicide in Maize may be popularized	Will be conducted in current year action plan	
			Thrust should be given to increase productivity of Fingermillet	Will be conducted in current year action plan	
			New sp. of fish- Amur carp may be evaluated	Will be conducted in current year action plan	
			Wilt tolerant var. of tomato may be popularized	Will be conducted in current year action plan	
			Wilt management in Brinjal may be popularized	Will be conducted in current year action plan	
			Stress should be given for better remunerative price to farmer	Will be conducted in current year action plan	
			Trials on YMV management in Okra may be conducted	Will be conducted in current year action plan	
			BPH tolerant paddy var. may be tested	Will be conducted in current year	

				action plan	
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* 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	Rice-Greengram, Rice-Blackgram, Rice-Vegetable, Vegetable-Vegetable, Rice-Fallow
2	Agro-climatic Zone	East and South Eastern Coastal Plain Zone, North Eastern Ghat Zone
3	Agro ecological situation	Rainfed Red and Laterite, Black, medium rainfall and irrigated, Alluvial, low rainfall and irrigated
4	Soil type	Alluvial, Red, Laterite
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Given below in table
6	Mean yearly temperature, rainfall, humidity of the district	Rainfall-1276 mm
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

Area, Productivity& production of Major crops of Ganjam district

Sl.No.	Name of the crop	Kharif			Rabi		
		A (000ha)	Y (kg/ha.)	P (000MTS)	A (000ha.)	Y (kg/ha)	P (000MTS)
01	Paddy	251.32	2800	703.396			
02	Green gram	3.58	455	1.63	155.84	521	81.19
03	Ragi	45.0	895	40.28	0.94	1003	2.44
04	Black gram	16.38	466	7.63	32.80	468	15.35
05	Groundnut	11.40	1250	14.25	18.68	1928	36.02

06	Sesamum	11.63	414	4.81	14.57	420	6.12
07	Pigeonpea	13.6	934	12.7			
08	Maize	10.95	2282	27.66	0.93		
09	Horsegram				11.92	378	4.51
10	Sunflower				0.49	1115	0.55

Area, Productivity& production of Major Horticulture crops of Ganjam district

Sl.No.	Name of the crop	Area (In '000 ha)	Productivity (in Kg./ha)	Production (in '000 MT)
01	Brinjal	5.02	25750	129.16
02	Cabbage	1.51	27920	42.05
03	Cauliflower	2.41	14760	35.56
04	Okra	3.46	8760	30.33
05	Pea	0.34	9060	3.07
06	Chilli	5.42	1360	7.37
07	Tomato	4.42	12870	56.87
08	Onion	0.59	8650	5.11
09	Potato	0.36	15120	5.49

10	Sweet Potato	7.52	9780	73.55
11	Radish	0.54	11750	6.38

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

Village Name	Year of adoption	Block Name	Distance from KVK (Km)	Population	Number of farmers (having land in the village)
Padampur	2017-18	Sorada	48	1891	450
Phulasarapalli	2017-18	Aska	40	922	260
Lepa	2015-16	Jagannathprasad	30	332	75
A.barida	2016-17	Kabi suryanagar	54	6954	1670
Patulisahi	2017-18	Belaguntha	15	497	90

2. c. Details of village adoption programme:

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
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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
Padampur	Sorada	OFT, FLD, Training, field day, diagnostic field visit
Phulasarapalli	Aska	OFT ,FLD, Training, field day, diagnostic field visit
Lepa	Jagannathprasad	OFT ,FLD, Training, field day, diagnostic field visit
A.barida	Kabi suryanagar	OFT ,FLD, Training, field day, diagnostic field visit
Patulisahi	Belaguntha	OFT ,FLD, Training, field day, diagnostic field visit

1	Bhanjanagar	Sorada	Padampur	Rice, Maize, Pigeonpea, Greengram, Blackgram, Sesamum, Ground nut, Vegetable	• Severe weed incidence in paddy • Blast disease in paddy • Low yield in arhar • Use of traditional varieties of green gram • Improper nutrient management green gram	➤ Varietal substitution ➤ weed management ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow
2		Aska	Phulasarapalli	Rice, Sugarcane, Blackgram, Greengram, Mustard, Sesamum	• Severe weed incidence in paddy • Low yield in mustard • Use of traditional varieties of green gram • Improper nutrient management green gram	➤ weed management ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution
3		Jagannathprasad	Lepa	Rice, Maize, Pigeonpea, Greengram, Blackgram, Sesamum, Ground nut, Vegetable	• Severe weed incidence in paddy • Low yield in arhar • Use of traditional varieties of green gram • Improper nutrient management green gram	➤ weed management ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution
4		Kabisuryanagar	Abarida	Rice, Blackgram, Green gram, Groundnut	• Severe weed incidence in paddy • Use of traditional varieties of green gram • Improper nutrient management in green gram	➤ weed management in rice ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution
					•	➤

5		Belaguntha	Patulisahi	Rice, Greengram, Blackgram, Sesamum, Vegetable	• Use of traditional varieties of green gram • YMV infection in green gram • Severe weed incidence in paddy	➤ weed management in rice ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution
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2.1 Priority thrust areas

S. No	Pest Disease & weed management
1.	Floriculture
2.	INM in Fruits & Vegetable
3.	Honey bee rearing
4.	HYV & wilt tolerant varieties
5.	Integrated fish farming
6.	Processing and value addition
7.	Crop diversification
8.	Vaccination, feed management in Cattle & Goat
9.	Low cost production technique
10.	Backyard poultry
11.	Mushroom cultivation
12.	Kid mortality & disease management
13.	Feeding management of cattle
14.	Marketing awareness
15.	Pest Disease & weed management

Target	Achievement	Target	Achievement
235	235	0.4	0.4

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
5	4.5	0.002	0.00194

* 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	04	mass					
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter	02	1000					
Popular Articles	03	mass					
Book Chapter							
Extension Pamphlets/ literature	04	1000					
Technical reports	18						
Electronic Publication (CD/DVD etc)	02	mass					
TOTAL	33						

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of Tomato varieties for bacterial wilt management in rice based cropping system
2.	Problem diagnosed	Low yield due to mortality of plants due to Bacterial wilting

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ – Arka Samrat TO ₂ – Arka Rakshak
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source : IIHR, 2014
5.	Production system and thematic area	Varietal evaluation
6.	Performance of the Technology with performance indicators	No. of fruits/plant and wilt
7.	Final recommendation for micro level situation	Recommended
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Field visit, Interaction

Thematic area: Varietal evaluation

Problem definition: Low yield due to multiple disease infestation

Technology assessed: TO₁ – Arka Samrat, TO₂ – Arka Rakshak

Table: Results

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
		Bacterial wilting (%)	No of Fruits / plant	Test wt. (100 grain wt.)						
FP	7	18.6	32	-	-	339.85	148750	237895	89145	1.59
TO ₁	7	4.2	41	-	-	418.57	148500	292999	144499	1.97
TO ₂	7	2.3	48	-	-	441.71	148500	309197	160697	2.08

OFT-2

1.	Title of On farm Trial	Assessment of application of herbicides in Okra
2.	Problem diagnosed	Low yield & low income due to heavy weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ – Pre-emergence application of pendimethalin @ 2 lit./ha TO ₂ – Pre-emergence application of pendimethalin + Post- emergence application of Quizalofop ethyle @ 1 lit./ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source : OUAT, 2015
5.	Production system and thematic area	Weed management
6.	Performance of the Technology with performance indicators	No. of weeds / m ² , Yield, BC ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Field visit, Interaction, Group discussion

Thematic area: Weed management

Problem definition: Low yield due to multiple disease infestation

Technology assessed: TO₁ – Pre-emergence application of pendimethalin @ 2 lit./ha

TO₂ – Pre-emergence application of pendimethalin + Post- emergence

Table: Results

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of Weed/ m ²	No of Fruits / plant	Test wt. (100 grain wt.)						
FP	7	463	-	-	-	78.28	105400	156560	51160	1.48
TO ₁	7	107	-	-	-	87.14	104150	174280	70130	1.67
TO ₂	7	23	-	-	-	93.42	102300	186840	84540	1.82

OFT-3

1.	Title of On farm Trial	Assessment of BPH tolerant varieties of rice (Rainfed/medium land- rice-Greengram)
2.	Problem diagnosed	Chaffy grain, mortality of plant, low yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ – Hasant TO ₂ – Pooja
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source : OUAT, 2017
5.	Production system and thematic area	Integrated Pest Management
6.	Performance of the Technology with performance indicators	No.of BPH/hill, Chaffy grain% Yield, Net profit, BCR
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Field visit, Interaction, Group discussion, problem identified & prioritization

Thematic area: Weed management

Problem definition: Chaffy grain, mortality of plant, low yield

Technology assessed: TO₁ – Hasant , TO₂ – Pooja

Table: Results

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of BPH/hill	No of Fruits / plant	Test wt. (100 grain wt.)						
FP	7	7.3	-	-	-	38.6	34000	65620	FP	7
TO ₁	7		-	-	-	43.2	34000	73440	TO ₁	7
TO ₂	7	4.2	-	-	-	40.4	34000	68680	TO ₂	7

OFT-4

1.	Title of On farm Trial	Assessment of chemicals for control of pod borer in Sesamum
2.	Problem diagnosed	Damaged pod, low yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ – spraying of Profenophos @ 1lt./ha TO ₂ – spraying of Spinosad @ 165ml/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source : SLREC Proceeding, 2017
5.	Production system and thematic area	Integrated Pest Management
6.	Performance of the Technology with performance indicators	Damaged pod %, Larva per plant Yield, Net profit, BCR
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Field visit, Interaction, Group discussion, problem identified & prioritization

Thematic area: Integrated Pest Management

Problem definition: Damaged pod, low yield

TO₁ – spraying of Profenophos @ 1lt./ha

TO₂ – spraying of Spinosad @ 165ml/ha

Table: Results

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
		Damaged pod %	Larva per plant	Test wt. (100 grain wt.)						
FP	7	18.6	6.1	-	-	6.8	30000	47600	17600	1.6
TO ₁	7	7.2	2.4	-	-	7.6	32000	53200	21200	1.66
TO ₂	7	3.1	0.8	-	-	8.2	34000	57400	23400	1.68

OFT-5

1.	Title of On farm Trial	Assessment of dual type backyard poultry breeds
2.	Problem diagnosed	Indigenous poultry – no vaccination, high mortality low body wt. gain, low egg production, Local birds having low genetic potential for production traits
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Local breed TO1: Kaveril rearing TO2: Chabro rearing
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CPDO
5.	Production system and thematic area	LPM, Backyard poultry
6.	Performance of the Technology with performance indicators	Body weight
7.	Final recommendation for micro level situation	Chabro performed better in terms of body weight gain but kaveri best suited for backyard system
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Livestock Production Management

Problem definition: Indigenous poultry – no vaccination, high mortality low body wt. gain, low egg production, Local birds having low genetic potential for production traits

Technology assessed:

FP: Local breed
TO1: Kaveril rearing
TO2: Chabro rearing

Table:

Technology option	No. of trials	Yield component			Mortality (%)	Yield (Body wt/kg)	Cost of cultivation (Rs./100 birds)	Gross return (Rs./100 birds)	Net return (Rs./100 birds)	BC ratio
		Average body weight (7 th week)	Adult Male body weight (20 th week)	Adult female body weight (20 th week)						
FP	100	600g	1.2 kg	0.9 kg	22	1.2 kg	5000	11232	6232	2.24
TO ₁	100	1100g	2.1 kg	1.6 kg	5	2.1 kg	5270	23940	18670	4.54
TO ₂	100	980g	1.8 kg	1.4 kg	8	1.8 kg	5270	20520	15250	3.89

OFT-6

1.	Title of On farm Trial	Assessment on farm made feed for body weight gain of kids
2.	Problem diagnosed	Lack of protein in feed and kids raised only on browsing. Factory mode of approach to increase yield without due care to health and feeding. No extra concentrate feeding, low body weight gain of kids due to protein deficiency
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Free ranging, no extra ration, no supplementation TO1: Farm made feed (maize-32%, GNOC-17%,Wheat barn-33%, DORB-15%, min.mix-2%, salt-1%)@ 100g/ day + grazing TO2: Farm made feed (maize-35%, GNOC-23%,Wheat barn-30%, horse gram-10%, min.mix-1%, salt-1%)@ 100g/ day + grazing
4.	Source of Technology	OUAT
5.	Production system and thematic area	LPM, Goat farming
6.	Performance of the Technology with performance indicators	Body wt gain, Net income
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Livestock Production Management

Problem definition: Lack of protein in feed and kids raised only on browsing. Factory mode of approach to increase yield without due care to health and feeding. No extra concentrate feeding, low body weight gain of kids due to protein deficiency

Technology assessed:

FP: Free ranging, no extra ration, no supplementation

TO1: Farm made feed (maize-32%, GNOC-17%,Wheat barn-33%, DORB-15%, min.mix-2%, salt-1%)@ 100g/ day + grazing

TO2: Farm made feed (maize-35%, GNOC-23%,Wheat barn-30%, horse gram-10%, min.mix-1%, salt-1%)@ 100g/ day + grazing

Table:

Technology option	No. of trials	Yield component	Mortality (%)	Yield (Body wt/ kg)	Cost of cultivation (Rs./100 birds)	Gross return (Rs./100 birds)	Net return (Rs./100 birds)	BC ratio
		Average body weight (90days)						
FP	10	5.9 kg	3	5.9 kg	6400	12390	5990	1.93
TO ₁	10	7.9kg	2	7.9kg	8900	18960	10060	2.13
TO ₂	10	6.8kg	1	6.8kg	8900	18360	9460	2.06

OFT-7

1.	Title of On farm Trial	Assessment of competitor moulds management practices in paddy straw mushroom
2.	Problem diagnosed	Heavy occurrence of moulds and diseases in straw mushroom
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Application of strptocycline @ 0.01%during early bottom stage& lime @ 2% during soaking of straw minimises moulds and diseases in straw mushroom
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source :CTMRT,OUAT, Bhubaneswar,2014

5.	Production system and thematic area	Mushroom cultivation, Homestead
6.	Performance of the Technology with performance indicators	Pinehead appearance(days), Production(kg/bed), % of infected bed, Biological efficiency(%), % change in production
7.	Final recommendation for micro level situation	Presoaking of the straw with calcium carbonate for a period of six hour proved to be useful in suppression of contaminating moulds
8.	Constraints identified and feedback for research	Diseased resistant may be developed
9.	Process of farmers participation and their reaction	Diagnostic field visit, Method demonstration training

Thematic area: Mushroom cultivation

Problem definition: Heavy occurrence of moulds and diseases in straw mushroom

Technology assessed: TO₁- Spraying of strptocycline @ 0.01%during early bottom stage

TO₂- Application of lime @ 2% during soaking of straw

Table:

Technology option	No. of trials	Yield component			Biological efficiency (%)	Yield (Kg/bed)	Cost of cultivation (Rs./bed)	Gross return (Rs/bed)	Net return (Rs./bed)	BC ratio
		Days of emergence of pin head	% of infected bed	No. of fruit bodies						
FP	07	8	26	32	10	1.1	70	132	62	1.8
TO ₁	07	8	11	33	12	1.3	71	156	85	2.1
TO ₂	07	9	5	36	13.5	1.4	71	168	97	2.3

OFT-8

1.	Title of On farm Trial	Assessment of drudgery in hanging grain cleaner
2.	Problem diagnosed	High drudgery involved in manual cleaning of Rice
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP - Cleaning of rice by using bamboo structure (Kulla) TO ₁ - Cleaning of rice by using metallic sieve TO ₂ - Cleaning of rice by using hanging type grain cleaner
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source :CIAE, Bhopal, 2014
5.	Production system and thematic area	Drudgery reduction, Homestead
6.	Performance of the Technology with performance indicators	Cleaning output (kg/hr), Energy expenditure (KJ/minute), Avg. WHR/min, Saving of cardiac cost (%), Reduction of drudgery (%), Increasing efficiency (%)
7.	Final recommendation for micro level situation	The productivity of worker increase as compare to traditional implements
8.	Constraints identified and feedback for research	Implement should be light weight
9.	Process of farmers participation and their reaction	Diagnostic field visit, Method demonstration training

Thematic area: Drudgery reduction

Problem definition: High drudgery involved in manual cleaning of Rice

Technology assessed: TO₁ - Cleaning of rice by using metallic sieve
TO₂ - Cleaning of rice by using hanging type grain cleaner

Table: Results

Technology option	No. of trials	Yield component			cardiac cost of work	Avg. of percentage reduction in drudgery	Avg. of percentage increasing efficiency
		Cleaning output (kg/hrs)	Energy expenditure (KJ/min)	Avg. WHR/min			
FP	07	59	8.07	105	29.72	17.94%	60.66%
TO ₁	07	86	7.57	102	26.52		
TO ₂	07	122	6.64	96	20.59		

OFT-9

1.	Title of On farm Trial	Assessment of humic acid as a substitute for raw cow dung in community tanks
2.	Problem diagnosed	No fertilizer and manuring schedule for community tank for sustainable natural food, Social issues
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1- Application of humic acid @ 1L/ac-m/month TO-2Application of humic acid @ 2L/ac-m/month
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source :
5.	Production system and thematic area	Production and management
6.	Performance of the Technology with performance indicators	Plankton conc. (ml/50lit.), pH, avg body wt.
7.	Final recommendation for micro level situation	Application of humic acid 1L/ac-m/month gives significant higher yield with less cost of production
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Method demonstration, training

Thematic area: Production and Management

Problem definition: No fertilizer and manuring schedule for community tank for sustainable natural food, Social issues

Technology assessed:

FP-Only stocking of fish seed and no use of organic fertilizer

TO1- Application of humic acid @ 1L/ac-m/month

TO2-Application of humic acid @ 2L/ac-m/month

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
		Avg body wt (kg)	Plankton conc (ml/50lit.)	pH						
FP	5	0.590	1.8-2.1	7.3		25.8	129000	258000	129000	2.0
TO1	5	0.650	2.2-2.8	8.0		30.1	135000	301000	166000	2.23
TO2	5	0.660	2.2-2.8	7.7		30.35	141000	303500	162500	2.15

Results: Application of humic acid 1lit./ac-m gives significantly higher net profit of Rs. 166000 as compared to Farmers practices and TO-2 though TO-2 gives higher yields.

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area ⁷	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.	Chili	Integrated Nutrient Management	Soil application of Azospirillum & PSB each @ 5kg/ha incubated with FYM + 75 % of RDF (120-60-80 :: NPK kg/ha)	1.0	1.0	-	-	-	-	10	0	10	-	10		
2.	Cauliflower	Integrated Nutrient Management	Application of FYM 10 ton /ha, NPK @ 125:50:75 kg/ha & foliar spray of Boron @ 0.2% at 20,35 & 50 DAT	1.0	1.0	-	-	-	-	10	0	10	-	10		
3.	Bittergourd	Integrated Crop Management	Foliar application of ethrel @ 200 ppm at 2 to 4 leaf stage & amino acids during flowering stage	1.0	1.0	-	-	-	-	10	0	10	-	10		
4.	Okra	Integrated Pest Management	Application of Spinosad @ 165ml/ha.	2.0	2.0	-	-	-	-	10	0	10	-	10		
5.	Chili	Integrated Pest Management	Spraying of Diafenthurion @ 600 gram/ha. & acetamiprid @ 150 gram/ha. alternatively at 15 days interval	2.0	2.0	-	-	-	-	10	0	10	-	10		
6.	Beans	Integrated Disease Management	Destruction of infected leaves, Seed treatment with Trichoderma @ 5 gram/kg	2.0	2.0	-	-	-	-	10	0	10	-	10		

			of seed,spraying of Tebuconazole @ 500gram/ha.												
7	Mango	Integrated Pest Management	Installation of methyl eugenol trap @ 20/ha and application of poison bait (Malathion 50ml + jaggery 1Kg + 10lt. of water for 1ha)	2.0	2.0	2	-	-	-	8	-	10		10	
8	Paddy	Integrated weed management	Application of herbicide pretilachlor + Bensulfuron methyl @ 10kg/ha within 3DAT	2.0	2.0	3				7		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 ₂ O ₅	K ₂ O					
Chili	Kharif	Irrigated	Sandy loam	187.6	9.4	128.3	Chili	3.8.18	1.11.18 onwards	640.8	30
Cauliflower	Rabi	Irrigated	Sandy loam	207.3	8.2	146.4	Okra	24.9.18	10.01.19	248.8	9
Bittergourd	Rabi	Irrigated	Sandy loam	173.8	10.3	117.4	Paddy	24.12.18	20.2.19	-	-
Okra	Kharif	Irrigated	Sandy loam	135	14	165	Brinjal	08.06.18	28.09.18	640.8	30
Chili	Rabi	Irrigated	Sandy loam	142	16	176	Paddy	09.11.18	28.03.19	248.8	9
Beans	Rabi	Irrigated	Sandy loam	132	18	153	Paddy	04.11.18	26.02.18	248.8	9
Mango	Rabi	Rainfed	Sandy loam	119	22	165	-				
Paddy	Kharif	Rainfed	Sandy clay	128	19	184	Greengram	01.07.18	26.11.18	640.8	30

Performance of FLD

Oilseeds: Groundnut

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	Integrated Crop Management	Improved Seed-ICGV-91114, treatment with Rhizobium @ 20 gm./ Kg. of seed before one hour of sowing. Application of post emergence weedicide – Imazethapyr @ 750 ml/ha . Application of fertilizer NPK @20: 40 :40 kg /ha. as basal, Spraying of Hexaconazole @ 1lt./ha. for Tikka disease, Thiamethoxam @ 150gram/ha. for sucking pests	75	30.0	21.2	18.6	13.9	41000	92800	50200	2.26	36000	77200	43200	2.14
Total			75	30.0	21.2	18.6	13.9	41000	92800	50200	2.26	36000	77200	43200	2.14

* 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 : Greengram

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Greengram	Integrated Crop Management	Improved Seed Var. <i>IPM 02-03</i> treated with Rhizobium @ 20 gm./ 1 Kg. of seed before one hour of sowing. Application of Water soluble fertilizer (N:P:K -19:19:19) @ 10 gm./ lt.at 25 & 40 DAS Spraying of Thiamethoxam @ 150 gm/ ha. for sucking pests, Spraying of Boron @ 1lt/ha. at the time of flowering.Need based application of Sulfex @ 2.5kg/ha.for powdery mildew disease	75				45.09	15000	31000	16000	2.06	12500	22500	10000	
				40.0	7.4	5.1									1.8
	Total		100	40.0	7.4	5.1	45.09	140000	29600	15600	2.11	10000	20400	10400	2.04

* 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

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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.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat	Disease management	Demonstration on deworming and supplement feeding on body weight gain of kids/ lambs	11	11	Body wt gain Kg 6.2	Body wt gain Kg 7.4	19.35	Mortality 30	Mortality 8	27050	54600	27550	2.01	27550	102090	74540	3.7
Duckery	Breed	Demonstration of Khakicampbell Duck for high profitability in backyard system	5	5	Body wt gain Kg 1.2	Body wt gain Kg 1.8	50	Mortality 32	Mortality 16	5100	8610	3510	1.68	5100	15120	10020	2.96

Others (pl.specify)	Live stock nutrition	Demonstration of Azolla culture for feed management in cattle	12	20	Feed cost 80	Feed cost 70	12.5	Milk yield 10 L/day	Milk yield 10 L/day	80	240	160	3.0	70	240	170	3.4
Total			28	36													

* 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.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
IMC	Production and management	Demonstration of floating feed in composite pisciculture for growth enhancement	5	-	39.70	27.45	44.6	0.855	0.615	214600	476400	261800	2.22	138500	288500	150000	2.08

IMC	Production and management	Demonstration on multimineral (Envomin) for faster growth rate and high weight gain of fish	5	-	24.8	29.6	19.35			146000	311000	165000	2.13	144000	282500	138500	1.96
Others (pl.specify)	Production and management	Demonstration of Java Punti (<i>P. gonionotus</i>) within 3 species IMC culture for higher income	5	-	34.5	29.75	16.0			146600	328350	181750	2.24	133500	283000	149500	2.12
Ornamental fishes																	
Others (pl.specify)																	
	Total		15														

* 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			
				Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy straw mushroom	Enterprise development	10	10	Yield/Bed(kg) 0.7	Yield/Bed(kg) 1.2		Biological efficiency(%) 12	Biological efficiency(%) 8	37	98	61	2.0	70	164	94	2.3
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify) Ragi powder	Value addition of Ragi	10	10	Keeping quality	Keeping quality				65	110	55	1.7	30	40	10	1.3
Total		20	20													

* 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

[illegible]

* 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

[illegible]

[illegible]

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Dairy	Azolla can be utilized as alternative & cheap protein source
2	Goat	Deworming and supplement feeding reduced kid mortality and increased body weight gain
3	Duck	Khaki Campbell has better adaptability in backyard pond system
3	IMC	Commercial available floating feed (crude protein 30%) can be use as supplementary feed for increase yield in a stipulated time period.
4	IMC , P. gonionotus	P. gonionotus is highly preferable by consumer for its taste and is compatible with IMC in polyculture system
5	IMC	Incorporation of vit. Mineral in fish pond increase plankton yield which ultimately increase yield in fish pond

Extension and Training activities under FLD- Fishery

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	Field days	28.3.19	1	50
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

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 (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Average	D	S	P
1	Groundnut	TMV-2	18.6	1928	1936	2300	Improved Seed-ICGV-91114, treatment with Rhizobium @ 20 gm./Kg. of seed before one hour of sowing. Application of post emergence weedicide – Imazethapyr @ 750 ml/ha .	70	30	23.6	17.2	21.8	13	12.6	

							Application of fertilizer NPK @20: 40 :40 kg /ha. as basal, Spraying of Hexaconazole @ 1lt./ha. for Tikka disease, Thiamethoxam @ 150gram/ha . for sucking pests								
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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	Improved Seed-ICGV-91114, treatment with Rhizobium @ 20 gm./ Kg. of seed before one hour of sowing. Application of post emergence weedicide – Imazethapyr @ 750 ml/ha . Application of fertilizer NPK @20: 40 :40 kg /ha. as basal, Spraying of Hexaconazole @ 1lt./ha. for Tikka disease, Thiamethoxam @ 150gram/ha. for sucking pests	36000	77200	43200	2.14	41000	92800	50200	2.26

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	Groundnut Var. ICGV-91114	6,54,000	8610	40	4500	3750	-For next season crop - Household expenses - Children's education	122/Household

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1. 2. 3. 4. 5.	-Improved Seed var. ICGV 91114 -- Seed treatment with <i>Rhizobium</i> @ 20 gm./Kg of seed 1 hour before sowing, -Fertilizer dose N:P:K:: 20:40:40 kg/ ha as basal -Spraying of <i>Hexaconazole</i> @ 1 lt/ ha. for <i>Tikka</i> disease, - <i>Thiamethoxam</i> @ 150 gm/ha for sucking pests.	Groundnut is a major oilseed crop of the district and is cultivated in ha. This variety is very much suitable to the existing farming system	-Farmers preferred the bold and color of the seed -They are quite satisfied with the shelling percentage -They preferred the variety due to its oil content	All inputs are affordable	-	Yes	Herbicides and Plant protection chemicals must be available on subsidized rate at block level so that cost of production can be minimized.

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Tolerant to moisture stress	1	3	Required 02 nos less irrigation as compared to local var.
No. of pods are more	23.4	18.3	Pods are bigger in size as compared to existing var. and no. of pods are more
Tikka disease incidence %	2.4	14.3	Satisfied with the variety

			as pesticide cost is reduced
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F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Group meeting	7.1.19 (Patulisahi) 9.1.19 (Phulasarapalli), 10.1.19 (Dihapadhala) 11.1.19 (Badagada), 13.1.19- (Kamabakhrea)	8,25,12,16,12 Total: 73
2	Diagnostic field visit	5.2.19 (Patulisahi), 7.2.19(Phulasarapalli), 8.02.19 (Dihapadhala) 10.2.19 (Badagada & Kama Bakhera)	7,30,8,15 Total: 60
3	Method demonstration	8.1.19 (Patulisahi) 12.1.19 (Phulasarapalli), 15.1.19 (Badagada & Kama Bakhera)	10,25,18 Total: 53
4	Field Day	18.3.19 (Badagada) 20.3.19 (Phulasarapalli)	100

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

H. Farmers' training photographs
I. Quality Action Photographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut	i) Critical input	322800	310933	11867
	ii) TA/DA/POL etc. for monitoring	10500	10500	Nil
	iii) Extension Activities (Field day)	10500	10500	Nil
	iv) Display board, flex	12000	7200	4800
	V) office contingency, Misc. exp.	3000	2293	707
	Total	358800	341426	17374*

***Balance amount refunded to Comptroller, OUAT**

B. Technical Parameters:

l. 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.	Actual	D	S	P
1	Greengram	PDM 139	5.1	4.6	4.8	7.0	Improved Seed Var. <i>IPM 02-03</i> treated with Rhizobium @ 20 gm./ 1 Kg. of seed before one hour of sowing. Application of Water soluble fertilizer (N:P:K - 19:19:19) @ 10 gm./lt.at 25 & 40 DAS Sprayin g of Thiamethoxam @ 150 gm/ ha. for sucking pests, Sprayin g of Boron @ 1lt/ha.	100	40	7.8	5.7	74	100	100	100

							at the time of floweri ng.Nee d based applicat ion of Sulfex @ 2.5kg/h a.for powder y mildew disease.								
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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	Improved Seed Var. <i>IPM 02-03</i> treated with Rhizobium @ 20 gm./ 1 Kg. of seed before one hour of sowing. Application of Water soluble fertilizer (N:P:K - 19:19:19) @ 10 gm./ lt.at 25 & 40 DAS Spraying of Thiamethoxam @ 150 gm/ ha. for sucking pests, Spraying of Boron @ 1lt/ha. at the time of flowering.Need based application of Sulfex @ 2.5kg/ha.for powdery mildew disease	10000	20400	10400	2.04	140000	29600	15600	2.11

C. **Socio-economic impact parameters**

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Greengram Var. <i>IPM 02-03</i>	29600	186	40	3000	8000	-For next season crop - Household expenses -purchase of small implements	86/Household

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. 2 3 4 5 .	-Improved seed Var: <i>IPM 02-03</i> -Seed treatment with Rhizobium @ 20 gm./ 1 Kg. of seed before one hour of sowing - Application of Water soluble fertilizer (N:P:K -19:19:19)@ 10gram/lit. - Spraying of Thiamethoxam for controlling sucking pest - Need based application of Sulfex for controlling Powdery mildew Application of Boron @ 1kg/ha. at the time of flowering.	Greengram is a major crop of the district and is cultivated in 1.5 lakh ha. This variety is very much suitable to the existing farming system	-Farmers preferred the bold and green color of the seed -They are quite satisfied with the aroma of the dal prepared from the seed -Most significantly they preferred the variety due to its tolerance to YMV	Easily affordable	-	Yes	

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
It is tolerant to YMV-YMV %	-	18	YMV is a major challenge in Greengram. This new var. is performing well as its tolerant to YMV
No. of pods are more	18.4	9.6	Pods are bigger in size as compared to existing var. and no. of pods are more
High yielding	7.4	5.1	

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Group meeting	16.11.18 (padmapur) 17.11.18 (A. Barida), 15.11.18 (Hatigada) 22.11.18 (Badagada),28.11.18(patulisahi)	20, 24, 18, 24 Total: 86
2	Diagnostic field visit	08.01.19(hatigada),18.01.19(Patulisahi)24.01.19(A. Barida),25.01.19(Padmapur),19.01.19(badagada),08.02.19(haigada, A. Barida),16.02.19(Padmapur,Badagada)	31, 25, 35, 19 Total: 110
3	Method demonstration	12.12.18 (A.Barida), 03.12.18 (Padmapur) 07.12.18 (Hatigada) ,17.12.189Badagada) ,21.12.18(patulisahi)	25, 21, 35 Total: 81
4	Field Day	15.03.19 (Badagada) and 19.03.19(patulisahi)	100

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

9. Farmers' tr



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.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	324000	222528	101472
	ii) TA/DA/POL etc. for monitoring	12000	12000	-
	iii) Extension Activities (Field day)	10000	10000	-
	iv)Display board,flex	10000	7200	2800
	V)office contingency, Misc. exp.	4000	3243	757
	Total	360000	254971	105029*

*Refunded to the Comptroller, OUAT, BBSR

*Refunded to the Comptroller, OUAT, BBSR

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

A) Farmers and farm women (on campus)

[illegible]

[illegible]

[illegible]

[illegible]

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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
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	1	11	4	15							11	4	15
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	1	15		15							15		15
Para vets													
Para extension workers	1	15		15							15		15
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	15	0	15	0	0	0	0	0	0	15	0	15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
ITKS in pest control	1	9	2	11	3	1	4				12	3	15
TOTAL	8	76	19	95	7	3	10	0	0	0	79	41	120

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

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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
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	1	11	4	15							11	4	15
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	1	15		15							15		15
Para vets													
Para extension workers	1	15		15							15		15
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	15	0	15	0	0	0	0	0	0	15	0	15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
ITKS in pest control	1	9	2	11	3	1	4				12	3	15
TOTAL	8	76	19	95	7	3	10	0	0	0	79	41	120

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

D) Farmers and farm women (off campus)

[illegible]

[illegible]

[illegible]

[illegible][illegible]

[illegible][illegible]

i. Farmers & Farm Women

[illegible]

[illegible]

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 Pest Management	8	138	23	161	26	13	39				164	36	200
Integrated Disease Management	3	45	10	55	13	07	20				58	17	75
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp fry and fingerling rearing	2	45	0	45	5	0	5	0	0	0	50	0	50
Composite fish culture & fish disease	4	52	42	94	6	0	6	0	0	0	58	42	100
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	2	8	0	8	13	1	14	3	0	3	24	1	25
Hatchery management and culture of freshwater prawn	1	15	0	15	10	0	10	0	0	0	250	0	25
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													
Improved techniques of Seed treatment in Groundnut	1	23	2	25							23	2	25
Improved techniques of Seed treatment	1	23	2	25							23	2	25

[illegible]

[illegible]

Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	15		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	1		22	22		3	3				15	15	
Women and Child care													
Low cost and nutrient efficient diet designing	1		23	23		2	2				15	15	
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	4	21	47	68	2	5	5	0	0	0	23	32	55

Please furnish the details of training programmes as Annexure in the pro-forma 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
Plant protection	F/FW	IPM in Paddy	02	on	18	7	25	4	2	6
Plant protection	F/FW	Disease management in Paddy	01	off	19	6	25		3	3
Plant protection	F/FW	IPM in Brinjal	01	on	21	4	25	3	2	5
Plant protection	F/FW	IPM in Beans	01	off	15		15	3		3
Plant protection	F/FW	IPM in Cashewnut	01	off	14	1	15	4		4
Plant protection	F/FW	Safe use of chemicals	01	off	25	-	25	04	-	04
Plant protection	F/FW	IPM in cabbage & Cauliflower	01	off	25	-	25	01	-	01
Plant protection	F/FW	IPM in Tomato	01	off	02	23	25	-	03	03
Plant protection	F/FW	IPM in Chilli	01	off	12	03	15	02	-	02
Plant protection	RY	Honey bee rearing	01	On	14	11	25	-	-	-
Plant protection	RY	ITKs & lant products in Pest control	01	on	21	4	25	3	2	5

Plant protection	IS	New generation pesticides for pest control	01	on	15		15	3		3
Horticulture	F/FW	Agro-technique for Okra cultivation	1	Off	25		25			
Horticulture	F/FW	Packages of practices for cultivation of Kharif Tomato	1	Off	15	10	25		1	1
Horticulture	F/FW	Cultivation of early season cauliflower	1	Off	25		15			
Horticulture	F/FW	Nutrient management in pod vegetables	1	Off	25		25	5		5
Horticulture	F/FW	Management of vegetable nursery	1	Off	25		25			
Horticulture	F/FW	INM in cole crops	1	Off	24	1	25	4	1	5
Horticulture	F/FW	Role of growth regulator in vegetable	1	Off	12	13	25	12	13	25
Horticulture	F/FW	Agro-technique for Brinjal cultivation	1	Off	25		25	7		7
Horticulture	F/FW	Water management in fruit crops	1	Off	25		25	24		24
Horticulture	IS	Prospects of Kharif onion in Ganjam district	1	On	8	2	10	2		2
Animal science	F/FW	Scientific Dairy farming	1	Off	25		25	7		7
Animal science	F/FW	Scientific Sheep & goat farming	1	Off	25	0	25	5	0	5
Animal science	F/FW	Small scale backyard poultry farming	1	Off	25	0	25	2	0	2
Animal science	F/FW	Feed formulation for small ruminant farming	1	Off	25	0	25	1	0	1
Animal science	F/FW	Duck farming and its advantages	1	Off	15	0	15	0	0	0
Animal science	F/FW	Azolla cultivation for livestock feed	1	Off	25	0	25	10	0	10
Animal science	F/FW	Endo-parasitic diseases of sheep & goat and their prevention	1	Off	24	1	25	3	1	4
Animal science	F/FW	Scientific Dairy farming	1	Off	25	0	25	1	0	1
Animal science	F/FW	Scientific Sheep & goat farming	1	Off	15	0	15	0	0	0
Agril. Extension	F/FW	integrated crop management in groundnut	01	Off	24	01	25			
Agril. Extension	F/FW	Avenues of additional income generation for farmers	01	Off	24	01	25	03	-	03
Agril. Extension	F/FW	Market linkage for smallholder farmers	01	Off	23	02	25	02	-	02

Agril. Extension	F/FW	Avenues of additional income generation for farmers	01	Off	22	03	25	05	01	06
Agril. Extension	F/FW	Importance of farmers clubs- Concept & operation	01	Off	25	-	25	05	-	05
Agril. Extension	F/FW	Market linkage for smallholder farmers	01	Off	25	-	25			
Agril. Extension	F/FW	Market intelligence- Web based advisory services	01	Off	25	-	25	04	-	04
Agril. Extension	F/FW	Avenues of additional income generation for farmers	01	Off	25	-	25	04	-	04
Agril. Extension	F/FW	Importance of farm records & Ideal record keeping	01	off	14	11	25			
Agril. Extension	F/FW	Market intelligence- Web based advisory services	01	Off	25	-	25	01	-	01
Agril. Extension	RY	Value chain management For agribusiness	01	Off	15	-	15	06	-	06
Agril. Extension	RY	Importance of farmers clubs- Concept & operation	01	Off	15	-	15	01	-	01
Agril. Extension	IS	Market-led Extension- Issues and challenges	01	Off	11	04	15		01	01
Agril. Extension	IS	Market linkage for smallholder farmers	01	Off	03	12	15	-	05	05
Fishery Sc.	F/FW	Prestocking pond management	1	off	25	0	25	0	0	0
Fishery Sc.	F/FW	Composite fish culture	1	off	8	17	25	3	0	3
Fishery Sc.	F/FW	Pisciculture in community pond	1	off	25	0	25	12	0	12
Fishery Sc.	F/FW	Production of fingerlings, stunted fingerlings & yearlings	1	off	25	0	25	5	0	5
Fishery Sc.	F/FW	Composite fish culture	1	On	25	0	25	2	0	2
Fishery Sc.	F/FW	Stocking & poststocking pond management	1	Off	25	0	25	1	0	1
Fishery Sc.	RY	Fish seed production and rearing of fry and fingerlings	1	On	15	0	15	0	0	0
Fishery Sc.	F/FW	Polyculture of freshwater prawn with IMC	1	Off	25	0	25	10	0	10
Fishery Sc.	F/FW	Feeding management for carp culture	1	Off	24	1	25	3	1	4

Fishery Sc.	F/FW	Water quality management in pisciculture tank	1	Off	0	25	25	0	0	0
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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	
1	Value addition	Processing and preservation of fruits and vegetable	5 days		10	10				4
2	LPM	Income generation through poultry farming	2 days	10	5	15				3

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

S l. No	Titl e	Them atic area	Month	Durati on (days)	Cl ie nt	No. of cours es	No. of Participants										Spon soring Ag enc y			
					PF /R Y/ EF		Male			Female			Total							
							Other s	SC	S T	Othe rs	SC	ST	Othe rs	SC	S T	Tot al				
1	Sm all pou ltry far mer	LPM, Poultr y	Feb-March	30	R Y	1	14				2				16				16	AS CI

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	11	396	154	550	11	34		34			550
KisanMela	01	243	57	330	14	2					330
KisanGhosthi	02	2	6	32	15						32

		6								
Exhibition	03	5 6 8	1 9 7	765	11	11				765
Film Show	08	1 3 7	1 8	145	16					145
Method Demonstrations										
Farmers Seminar										
Workshop										
Group meetings										
Lectures delivered as resource persons	54	2 3 6 7	8 7 3	324 0	12					3240
Advisory Services										
Scientific visit to farmers field	86	1 6 0 3	7 2	167 5	11					1675
Farmers visit to KVK	764	6 8 0	8 4	764	19					764
Diagnostic visits	39	3 4 6	5 6	402	14					402
Exposure visits	03	1 9	6	25						25
Ex-trainees Sammelan	01	4 3	7	50	7					50
Soil health Camp	01	2 3	9	32	2					32
Animal Health Camp	01									35
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet					8					
Self Help Group Conveners meetings					12					
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	04	1 5 6 7	4 3 3	200 0	17					2000
Sankalp Se Siddhi										
Swatchta Hi Sewa					11					
Mahila Kisan Divas	01	3 8	1 2	6	15					50
Any Other (Research Extension Meeting)	06									150
Total										

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	21

Radio talks	02
TV talks	02
Popular articles	02
Extension Literature	
Newsletter	03

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
Paddy	Pooja	165.6 (processed)	462725			OSSC	
Paddy	Sarala	67.2 (processed)	188227			OSSC	
Pigeon pea	PRG-176	1.2 (Unprocessed)	23750				
Blackgram	Prasad	2.4 (Unprocessed)	26880				
Ragi	Arjun	2.1 (Unprocessed)	11220				
Grand Total		238.5	712802				

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	Arka Rakshyk	16000	23500				
Brinjal	JK8031	11000	11000				
Chilli							
Onion							
Others, Drumstick	PKM-1	1568	23520				
Fruits							
Mango							
Guava							
Lime	Local	127	5080				
Papaya	Red lady	750	15000				

Banana							
Others							
Ornamental plants							
Medicinal and Aromatic							
Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Others							
Total							

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted			
	Kg		SC	ST	Other	Total
Bio-fertilizers (Vermicompost)	600	6000			10	10
Bio-pesticide						
Bio-fungicide						
Bio-agents (Vermin)	2.7	1350				
Others, mushroom spawn	660 bottle	9900	5		23	28
Mushroom (Paddy straw + Oyster)	18	900			10	10
Total		18150				

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)	Chabro	100	6000			10	
	Kaveri	100	6000			10	
	Aseel	340	20400			5	
Japanese Quail	J Quail	30	900			3	
Turkey							
Emu							

Ducks	Khaki Campbell	140	8400	7
Others (Pl. specify)				
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings/Yearlings	IMC	5000	20000	
Spawn	IMC	4.5lakh	4050	10
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 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	Effect of probiotic supplementation on growth performance during brooding in Pallishreebirds	SK Joshi, PK Panda, SK Samantaray		
	Constraints under contract farming in Sugarcane: a case study	SK Samantaray, PK Panda & MP Nayak		
Seminar/conference/symposia papers				
Books				
Bulletins				
News letter	KVK activities		1000	
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
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.	Capacity building	MDP programme for newly recruited Programme Coordinator of KVKs	Dr.Swagatika Sahu, Senior Scientist & Head	30 days	NAARM, Hyderabad, KVK, Kurnool & ATARI, Kolkata
2.	Orientation	Operational modalities of KVK	Dr.Swagatika Sahu, Senior Scientist & Head	04 days	DEE, OUAT, Bhubaneswar
3.	Orientation	Launching of ARYA project	Dr.Swagatika Sahu, Senior Scientist & Head	01 day	ATARI, Kolkata
4.	Orientation	Orientation Training programme	Sri Prasanta Kumar Panda, SC.PP	03 days	ATARI, Kolkata
5.	Review meeting	NICRA review workshop	Sri Prasanta Kumar Panda, SC.PP	02 days	Malda KVK, WB
6.	Workshop	Workshop on developing climate resilient village for sustainable food & nutritional security	Sri Prasanta Kumar Panda, SC.PP	02 days	MANAGE, Hyderabad
7.	Winter school	Winter school on Dynamics of Entrepreneurial Developing for Empowering Rural Youth in Agriculture	Dr. santosh Kumar Samantaray, SC.Agril.Extension	21 days	OUAT,BBSR
8	Winter school	Doubling farmer income – family approach	Dr. Siddharth Ranabijuli, SC.Animal Sc.	21 days	UAS, Dharwad
9	Workshop	Workshop on PPV &	Bishnupada Giri,	01 day	ATARI,

		FR	SC.Hort.		Kolkata
10	Winter school	Short course- Ergonomic interventions for designing women friendly agricultural technologies for reduction of occupational health hazards	Anita Patro, SC.Home Sc.	10 days	OUAT, BBSR

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	Mahendra Kumar Nayak
Address	At-Lepa, PO- Jirabadi,Jannath Prasad.Ganjam
Contact details (Phone, mobile, email Id)	9777282482
Landholding (in ha.)	04
Name and description of the farm/ enterprise	Dairy, Sweet corn, Vegetable, Apiary, Rice, Greengram
Economic impact	Rs. 4,36,300 profit annually
Social impact	Motivation agent for other farmers
Environmental impact	Vermicomposting
Horizontal/ Vertical spread	12 nos.

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
1	Bird, Wild animal Scarer	Mahendra Kumar Nayak, At-Lepa, PO- Jirabadi,Jannath Prasad.Ganjam, 9777282482	Bamboo rod like structure, by beating it coarse sound formed.

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Focus group discussion, Brain storming, ,problem matrix	Training,FLD & OFT

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

Sl. No	Name of the Equipment	Qty.
1	Mrida Parikshyaka	02 nos

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			
194		194	884	32	1064

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	Exhibition, Seminar, interaction	300	03		300	300

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
Method demonstration, lecture, awareness , interaction	07	185	Paddy, vegetable, Poultry, Mushroom , Pisciculture

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

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/Zila Sabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
29.08.2018	Prof. S.N Pasupalak, Hon'ble Vice-chancellor	Review KVK activities
22.10.2018	Prof. S.N Pasupalak, Hon'ble Vice-chancellor	Visit to Titli affected fields
17.12.2018	Prof. S.N Pasupalak, Hon'ble Vice-chancellor	Review KVK activities
27.07.2018	Prof. P.K Roul, Dean, Extension Education,OUAT	Field visit ,KVK instructional farm
30.08.2018	Prof. P.K Roul, Dean, Extension	Review of KVK activities

	Education,OUAT	
15.03.2019	Dr. M.P. Nayak, JDE, DEE ,OUAT, BBSR	SAC meeting & Review of KVK, Activities

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)
Weed Management in Paddy	25	46	31000	39000
Integrated Nutrient Management in paddy	25	75	27000	38000
Integrated Pest Management in Paddy	25	58	43000	52000
Management of pests and disease in Mango	25	41	54000	61000
Integrated Pest Management in Brinjal	25	48	43000	52000
Carp seed production and rearing of fry & fingerlings	15	68	148600	165600
Nursery management in paddy	25	69	35000	39000
Management of pests in Maize	25	54	19000	23000
IPM of Tea mosquito bug in Cashewnut	25	56	13000	17000
Management of insect, pest in tomato	25	61	54000	61000
Management of Pest in Chilli	25	53	48000	64000
Safe use of pesticides and chemical	25	52		
Management pest and diseases in Pigeon pea.	25	54	19000	23000
Multiple stocking & multiple harvesting in pond culture	25	65	273000	362000
Production of fingerlings, stunted fingerlings & yearlings	25	64	235000	286000
Feeding management for carp culture (FLD-floating)	25	59	246000	330000
Composite fish culture	25	45	233000	290000
Fish diseases and their management	25	64	235000	286000
Pisciculture in village community tanks	25	59	226000	281000
Paddy straw mushroom cultivation	25	71	120	150
Ideal agricultural farm record keeping.	15	76		
Income generation through Poultry farming	15	41	12000	20000
Deworming and disease management in kids	10	59	8000	10500

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Drought tolerant short duration Paddy var. Sahabhagidhan	142 ha.
Weedicide –Pretilachlor application in Paddy	321 ha.
Blast disease management by seed treatment & spraying of Tricyclazole	632ha.
Use of floating fish feed	34 ha
Application of Boron in Cauliflower	74 ha.

Give information in the same format as in case studies

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

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

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	
Name & complete address of the entrepreneur	
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
1. Pulse Research Station, Berhampur	- Provides the breeder and foundation seeds of the new varieties of the major crops of this district for multiplication and distribution to the farmers of this area. - Provides all possible technical guidance and helps in solving the problems related to pest and diseases of the crops of the area

	- Research results are being communicated to us for transfer of the same to the farming community. - Feed back collected from farmers on performance of research results are supplied to the RRS regularly for refinement.
2. State Department of Agriculture, Berhampur	- Selected trainees and extension personnel were trained in KVK on various subjects. - Facilitation of visits for adopted farmers to KVK field units. - Collaborative demonstrations were taken up. - Collaborative extension activities like field days, exhibitions and seminars were conducted. - BGREI monitoring
3. State Department of Horticulture, Bhanjanagar	- Provided seedlings of different horticultural crops to LLP, SC/ST beneficiaries. - Collaborative trainings, field days, demonstrations have been conducted. - Training of rural youth on grafting and raising vegetable nursery were conducted at their horticultural units.
4. State Department of Animal Husbandry and Veterinary Science	- Deputed specialist veterinary doctors to deliver guest lecturers. - Supply of poultry birds. - Collaborative programmes like health, infertility of dairy animals, exhibition, field days and demonstrations
5. Orissa State Seed Corporation, Berhampur	- Organising training programmes for resource rich and progressive farmers as well as extension workers for undertaking seed production programme. - Exchange of seeds for better quality crop husbandry. - Development of seed village under seed village scheme
6. State Department of Fisheries	- Joint diagnostic survey, conducting training programmes and demonstrations. - Training to Block level officers.
7. ATMA	- Developing SREP plan - Reviewing Block Action Plan & guidance. - Training to FAC & BTT members. - Conducting strategic research. - Conducting Farmer Participatory Research.
8. CIMMYT	Hybrid Maize trial
8. CRRI, Cuttack	Hyv, stress tolerant var. of Paddy
9. CTCRI, Regional Centre, Bhubaneswar	Planting materials of tuber crops
10. CARI, Regional centre, Bhubaneswar	Supply of Banaraja poultry bird and Khaki Campbell ducklings
11. NABARD	Technical support to Farmers club .

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.)

(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.	Vermicompost	2011	50	E. foetida	vermi worm	16 kg	6000	8000	
2.	Crop cafeteria	2009	60	Bittergourd, Cabbage, Okra, Chilli, Tomato	Bulk	6.5 q	11000	13000	
3.	Polyhouse	2011	180	Vegetable seedlings	seedlings	45000 nos	27000	45000	
4.	Poultry unit	2011	27	Chabro		100	4027	6000	
				Kaveri		100	4030	6000	
				Aseel		340	15850	20400	
				J Quail		30	800	900	
5.	Duckery unit			Khaki Campbell		140	5585	8400	
6.	Mushroom unit	2010-11	100 beds	Paddy straw-V.volvacea Oyster mushroom – P.sajarcaju	Mushroom	88kg	4400	5650	
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	
Arhar	28.07.18	28.11.18	0.04	ICPL 20338	Seed production	0.2			
cowpea	4.5.18	28.06.18	0.004	Gayatri	Bulk veg	0.24	290	480	
Okra	4.5.18	1.7.18	0.004	Aishwarya	Bulk veg	0.4	370	600	
Tomato	29.09.18	25.01.19	0.004	A.rakshk	Bulk veg	1.3	760	1300	
				A.samrat	Bulk veg	1.2	760	1200	
Carrot	24.11.18	10.03.19	0.004	Kuruda	Bulk veg	0.7	640	1050	
Beet	25.11.18	10.03.19	0.004	Ruby red	Bulk veg	0.6	520	900	
Capsicum	8.11.18	3.1.19	0.004	NS-680	Bulk veg	0.5	570	1000	
Chili	7.12.18	2.3.19	0.004	Daya	Bulk veg	0.4	490	800	
Brinjal	8.12.18	26.02.19	0.004	JK-8031	Bulk veg	1.2	680	1200	
Bittergourd	4.1.19	28.2.19	0.004	Akash	Bulk veg	0.55	540	1100	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Poultry unit	Chabro		100	4027	6000	
2.		Kaveri		100	4030	6000	
3.		Aseel		340	15850	20400	
		J Quail		30	800	900	
	Duckery unit	Khaki Campbell		140	5585	8400	

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)
December	16	1	
February	16	30 days	
March	15	25 days	
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: dilapidated condition

No. of staffquarters:10

Date of completion:1995

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
KVK	State Bank of India	Bhanjanagar	11349671187
KVK (RF)	State Bank of India	Bhanjanagar	30421978750

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

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	

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

Sl. No.	Particulars	Sanctioned	Released
A. Recurring Contingencies			
1	Pay & Allowances		
2	Traveling allowances	75000	75000
3	Contingencies		
A			
B			
C			
D			
E			
F			
G			
H			
I			
J	Swachhta Expenditure		
TOTAL (A)			
B. Non-Recurring Contingencies			
1			
2			
3			
4			
TOTAL (B)			
C. REVOLVING FUND			
GRAND TOTAL (A+B+C)			

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	12647	873425	7234291	139134
2016-17	139134	349150	487491	65000
2017-18	793	747078	743138	154000
2018-19				

- 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

Name of activity	Number of activity	Season	With line department	With ATMA	With both
BPH management awareness	18	Kharif	Agril. Dept.		
Pulse demon.	02	Rabi			both
Training programme	14				both

Verification of planting material	01		Hort. Dept		
Animal health camp	04		Veterinary dept.		

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)

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	37	51342
Livestock	12	
Fishery	9	
Weather	7	
Marketing	2	
Awareness	5	
Training information		
Other	3	
Total	75	

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	3490
2.	No. of farmers registered in the portal	12567
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	-
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9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
16.12.18, 17.12.18, 20.12.18, 21.12.18, 23.12.18, 28.12.18, 29.12.18, 30.12.18	Displayed banners at prominent places, taking swachhata pledge, plantation of trees. Cleaning of offices, corridors and premises. Stock taking of biodegradable and non-biodegradable waste disposal status. Campaign of cleaning of sewerage in 1-2 nearby villages. Cleaning of public places Awareness campaign, Meeting, Road show & interaction

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance	04	1500
3. Sanitation and SBM	04	3200
4. Cleaning and beautification of surrounding areas	03	1200
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	04	2400
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	01	500
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner	04	2400
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)	03	
14.No of Staff members involved in the activities	12	
15. No of VIP/VVIPs involved in the		

activities		
16. Any other specific activity (in details)		
Total	35	11200

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 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 Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleaning & beautification of village surroundings, roads & ponds	03	110	04	Sarapanch & local farmer representatives

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	Meeting & interaction	04	50	03	OLM, ICDS

	programme				
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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	Sri Pitabasa Pradhan	9928184275	Drudgery reducing Paddy Straw Cutter
2	Sri Subash Chandra Maharana	08763346321	Hand Made Paddy Seed Drill
3	Sri Birendra Naik	8458071034	Poultry & mushroom
4	Sri Goura Chandra Rout	9668845944	IFS
5	Sri Maguni Pradhan	8984186273	Vegetable cultivation
6	Sri Surya Dash	9439852555	Mango orchard & pisciculture
7	Sri Madhab Chandra Apata	9861813350	Pond based farming system
8	Sri Prasanta Kumar Rout	7377832249	SRI method

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

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

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	Ganjam-I	Varietal evaluation	06	230	Drought tolerant short duration paddy var. Sahabhagidhan
		NRM	08	08	Raising of farm bund ht. by 1 ft
		Varietal evaluation	02	38	YMV tolerant short duration Greengram var. IPM 02-14

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

- Year:
- 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.)	
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):

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
Raising of farm Bund	01	22	6.0	0				1		2		2

height to 10 inch.				5				7		2		2	
Sowing of Cowpea in Ridge & furrow method in upland	01	08	2.0	02				06		08		08	
Sowing of Maize in Ridge & furrow method in upland	01	06	8.0	02				04		06		06	
Green manuring by Dhanicha(Dhanicha-Rice-Bina-11)	01	12	5.0	04				08		12		12	
Vermicomosting	01	12	12 nos	03				09		12		02	
Low cost poly house	01	01	03					03				03	
Check dam repairing	01	46	Paddy , vegeta ble-irrigati on-14ha.	12				34		46		46	
Poly mulching in Tomato, Brinjal	01	04	0.5	1				3		4		04	

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		
Paddy – Bina-11	08	3	2			12	3	15	5	20		
Pigeonpea-PRG-176	12	6	3			16	5	22	8	30		
Paddy - Sahabhagi dhan	12	5	4			18	3	23	7	30		
Rice-Swarnasub-1	06	2	3			8	2	10	5	15		
Blackgram - PU-31, seed treatment with Rhizobium @ 20gram/kg of seed 01 hour before sowing,Foliar application of NPK (19:19:19) @ 10 gram/ltr at 25 & 40 DAS.,Spraying of Thiamethoxam @ 150 gram/ha. for sucking pests	15	4	2			17	7	24	9	30		
Greengram – IPM-02-3- seed treatment with Rhizobium @ 20gram/kg of seed 01 hour before sowing ,Foliar application of NPK	25	12	4			28	6	40	10	50		

(19:19:19) @ 10 gram/lt at 25 & 40 DAS, Spraying of Thiamethoxam @ 150 gram/ha. for sucking pests											
Tomato-Chiranjibi	01	1	1			3	3	4	4	08	
Sweet corn	0.4					2	1	2	1	03	

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	
Hybrid napier		01	0.4	1				3		4		04	
Deworming	44 animals(Goat)	01		4						4		04	
Animal health camp	168 animals(cattle,goat)	01		7				27		34		34	
Cement flooring with mosquito repellent net for better hygienic for cattle	16 animals	01		1				3		4		04	
Agriminforte @ 50gm/day/animal	40 animals	01		5	2			11	2	16	4	20	
Stocking yearlings of Catla, Rohu and Mrigal @ 5000 nos/ha at a ratio of 3:4:3 with proper water quality management		01	1.6	1				3		4		04	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted								Remarks	
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Seed bank	01		6	3			22	5	28	8	36	
Custom hiring	01		10	3			50	5	60	8	68	

Capacity building

Thematic area	No of Courses	No of beneficiaries			
		SC	ST	Other	Total

		M	F	M	F	M	F	M	F	T
IPM, Mushroom, Pisciculture, Nursery raising	07	32	12			104	27	136	39	175

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC	ST	Other				Total		
		M	F	M	F	M	F	M	F	T
Field days	02	8	5			45	9	53	14	67
Method demonstrations	03	12	8			35	10	47	18	65
Awareness	03	11	7			35	9	46	16	62
Group meeting	11	16	9			41	24	57	33	90

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best Progressive farmer	Sri Pitabasa Pradhan	2018	VC, OUAT		
2	Best Progressive farmer	Sri Murali Pradhan	2018	VC, OUAT		

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

15. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl.	Module	Area under	Production	Cost of	Value realized in	No. of farmer	% Change in
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No.	details (Component-wise)	IFS (ha)	(Commodity-wise)	production in Rs. (Component-wise)	Rs. (Commodity-wise)	adopted practicing IFS	adoption during the year
	Pisciculture, Mango, Papaya, Mushroom, Poultry	1.0					

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	Crop substitution, Goatery, Poultry	-Sweetcorn -Greengram-IPM 02-14 - Vaccination goat. -Poultry- Pallishree	133100	14	
2	Vegetable, Goatery	- Weed management - INM - IPM - Vaccination	423550	24	

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)	08	406	17.02.2018	06	
II (up-to 24.04.2018)	21	704			
Total	29	1110			

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 the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17							
2017-18							
2018-19	Small poultry farmer	Dr. Siddharth Ranabijuli	11.02.19	25.03.19	16	Y	1,65,200

	Extension Service Provider	Dr. Santosh Samantray	04.03.19	28.03.19	20	Y	1,65,200
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b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs.**, if any) if undertaken during 2018-19

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

21. Information on NARI Project (if applicable)

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

22. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I and II

A. Training

Name of programme	No. of programmes	No. of farmers benefitted									No. of officials attended the programme
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
KKA-I											
KKA-II											

B. Distribution of seed/ planting materials/ input/ others

Name of programme	No. of Programme	Total quantity distributed				No. of farmers benefited									No. of other officials (except KVK) attended the programme
		Seed (q)	Planting material (lakh)	Input (kg)	Other (kg/No.)	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
KKA-I															
KKA-II															

C. Livestock and Fishery related activities

Name of programme	No. of Pro	Activities performed				No. of farmers benefitted				No. of other officials (except
		No. of anima	No. of anima	Feed/ nutritie	Any other	SC	ST	Others	Total	

	<i>gramme</i>	<i>is vaccinated</i>	<i>is dewormed</i>	<i>nut supplements provided (kg)</i>	<i>(Distribution of animals / birds / fingerlings) [No.]</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>	<i>KVK attended the programme</i>
KKA-I															
KKA-II															

D. Other activities

Name of programme	Activities	No. of farmers benefited									No. of other officials (except KVK) attended the programme
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
KKA-I	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	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		

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

<i>Sl. No.</i>	<i>Name of the programme</i>	<i>Date of the programme</i>	<i>Venue</i>	<i>Purpose</i>	<i>No. of participants</i>

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