ANNUAL REPORT2017-18 (April 2017to March 2018)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Larkipali,Bolangir	06652250165	06652250165	bolangirkvk@yahoo.com

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

Address	Telephone		E mail
	Office	FAX	
OUAT,Bhubaneswar	0674-2397424	0674-2397919	Ouatacademic62@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
A.K Das		9437277301	

1.4. Year of sanction of KVK: 2009

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Vacant						
2	Subject Matter Specialist	Smt. Sasmita Purohit	Scientist(Home Sc)	Home Sc	15600+6000, 24,850	11.06.10	Permanent	Others
4	Subject Matter Specialist	Ashis Kumar Das	Scientist(Plant Protection)	Plant Protection	15600+6000, 24,850	26.12.11	Permanent	Others
5	Subject Matter Specialist	Kamalakanta Behera	Scientist (Agril. Extension)	Agril. Extension	15600+6000, 21,390	19.04.10	Permanent	Others
6	Subject Matter Specialist	**Vacant**						
7	Subject Matter Specialist	**Vacant**						
8	Programme Assistant	**Vacant**						
9	Computer Programmer	Sri Rabi Narayan Satapathy	Programme Assistant(Computer)	Information technology	9300+4200, 16,430		Permanent	Others
10	Farm Manager	Sagarika Muna	Farm Manager	Horticulture	9300+4200, 10,560	01.01.16	Permanent	Others
11	Accountant / Superintendent	**Vacant**		-				
12	Stenographer	**Vacant**		-				
13.	Driver	Biswabasi Sarangi	Driver cum Mechanic	-	5,200+1900, 6110	14.02.14	Permanent	Others
14.	Driver	Upendra Mishra	Driver cum Mechanic	-	5200+1900, 7130	06.05.11	Permanent	Others
15.	Supporting staff	Prafulla Palei	Peon-cum-Watchman	-	4750+1500, 6500	28.06.14	Permanent	Others
16.	Supporting staff	Krushna Ch Rout	Peon-cum-Watchman	-	4750+1500, 5340	01.12.14	Permanent	Others

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	0.2
3.	Under Crops	12
4.	Orchard/Agro-forestry	1
5.	Others with details	2.4
	Total	16

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				Yes				
2.	Farmers Hostel	Yes							
3.	Staff Quarters (6)	Yes							
4.	Piggery unit	Yes							
5	Fencing					Yes			RKVY
6	Rain Water harvesting structure	Yes							
7	Threshing floor	Yes							
8	Farm godown	Yes							
9.	Dairy unit					Yes			
10.	Poultry unit					Yes	9×5mt		RKVY
11.	Goatary unit	Yes							
12.	Mushroom Lab					Yes			RKVY

13.	Mushroom production unit								
14.	Shade house					yes	18mX5.5m	use	RKVY
15.	Soil test Lab	Yes							
16	Others,Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Mahindra Bolero	2010	6.5 lakh	149084	Running
Massey Tractor	2010	5.0	0966	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment (HomeScience)				
Digital refractrometer (B.P.Lab make)-1 no	2017-18	14,950	Functioning	ICAR
Drying Cabinet, Model BPL-25 (B.P.Lab make)-- 1 no	2017-18	19,898	Functioning	ICAR
Crown cap sealing machine (seapack make)-1 no,	2017-18	5900	Functioning	ICAR
Vaccum cap sealing machine (seapack make)-1 no	2017-18	1980	Functioning	ICAR
StainlessSteelKnife,strainer,decanter,measuring cup set,glass jar -1 no each	2017-18	2322	Functioning	ICAR
Food processer Fx10 (Bajaj make)-1 no	2017-18	4950	Functioning	ICAR

b. Farm machinery				
Rotavitor	2012-2013	86,100	Running	ICAR
Seed cum fertilizer drill	2012-2013	52,100	Running	ICAR
Power thresher cum fan type winner(2nos)	2012-2013	39,600	Running	ICAR
Power sprayer(2nos)	2012-2013	12,688	Running	ICAR
Nine tyne cultivator	2012-2013	12,400	Running	ICAR
Rotavitor	2012-2013	86,100	Running	ICAR
c.AV Aids				
P A System	2011-12	43,445	Functioning	ICAR
DVD Player	2011-12	3790	Functioning	ICAR
Digital camera	2011-12	22,500	Functioning	ICAR
LCD	2011-12	34,900	Functioning	ICAR
Handy cam	2011-12	39,500	Functioning	ICAR
LCD Projector	2011-12	40,163	Functioning	ICAR
Sony Digital camera	2011-12	16,470	Functioning	ICAR
Nikon Digital camera	2011-12	4798	Functioning	ICAR
Picco projector	2017-18	22,000	Functioning	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Rotavitor	2012-2013	86,100	Running	ICAR
Seed cum fertilizer drill	2012-2013	52,100	Running	ICAR
Power thresher cum fan type winner(2nos)	2012-2013	39,600	Running	ICAR
Power sprayer(2nos)	2012-2013	12,688	Running	ICAR
Nine tyne cultivator	2012-2013	12,400	Running	ICAR

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	28.7.2017	35	Promotion of scientific management aspect of crop rather than varietal aspect.		
			Canopy management of mango orchard is already a proven technology, but adoption rate is very less. So emphasis may be given to conduct more training programmes on canopy management of old mango orchard.		
			Development of technology package on season specific, drought specific, disease specific variety of paddy, greengram, cotton, blackgram for the District may be done.		
			Popularisation of non BT cotton in the District may be taken up		
			Awareness should be created among farmers about stage of harvest of crop with cleaning grading, packaging operation etc. to avoid distress sale of crop.		
			Promotion of scientific management aspect of crop rather than varietal aspect.		
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			Development of technology package on season specific, drought specific, disease specific variety of paddy, greengram, cotton, blackgram for the District may be done.		
			Popularisation of non BT cotton in the District may be taken up		
			Awareness should be created among farmers about stage of harvest of crop with cleaning grading, packaging operation etc. to avoid distress sale of crop.		
			Promotion of seed production of onion variety Agri Found Light Red & test the seed purity. Watershed, KVK,NABARD & Horticulture department will work jointly in this programme. Insist the farmers for transplanting of onion seedlings in the month of September.		
			Documentation on achievements on technologies tested under OFTs during last five years may be prepared.		

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Agriculture+Horticulture+Animal Husbandry
2	Agro-climatic Zone	Western Central table land zone
3	Agro ecological situation	Eastern plateau rainfed
4	Soil type	Mixed Red &black, Red, laterite &Mixed red and yellow
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy- ,Arhar-12q/ha,Greengram-9q/ha,Groundnut-18q/ha,Sunflower-11q/ha
6	Mean yearly temperature, rainfall, humidity of the district	27.1, 855mm,
7	Production of major livestock products like milk, egg, meat etc.	Milk-750.2(in lakh lltr per annum) Egg-2004.5(in lakhs no.per annum) Meat-3360(in tones per annum)

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Bolangir	Puintala	Banabahal	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat, Mushroom	Severe soil erosion in sloppy uplands. Severe crop weed competition in Kharif upland crops .	Crop diversification, Integrated Nutrient Management Practices,
2	Patnagarh	Patnagarh	Kaudia	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat,Fishery, Mushroom	Soil acidity - Poor knowledge about soil testing and soil health management Severe crop weed competition in Kharif upland crops	Quality seeds and seedling, Integrated Disease and pest, Weed management .Off season vegetable,Farm mechanization,
3	Bolangir	Puintala	Sirabahal	Paddy,Greengram,Arhar,Cucumber,Tomato,MangoVegetable,Poultry,Goat, Mushroom	Non availability of waste land management techniques. Severe crop weed competition in Kharif upland crops	Crop diversification, Farm mechanization,promotion of nutritional garden
4	Bolangir	Bolangir	Baragaon	Paddy,Greengram,Arhar,Cucumber,Mango,BananaVegetable,Poultry,Goat, Mushroom	Lack of storage facility for fruits and vegetables. Severe crop weed competition in Kharif upland crops	Crop diversification, Quality seeds and seedling, promotion of nutritional garden
5	Patnagarh	Patnagarh	Dhodamahul	Paddy,Greengram,Arhar,Cucumber,TomatoVegetable,Poultry,Goat	Severe crop weed competition in Kharif upland crops Soil erosion, Non availability of waste land management techniques	Crop diversification, Farm mechanization,promotion of nutritional garden

6	Bolangir	Deogaon	Budelguma	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat, Mushroom	Inadequate knowledge about post harvest technology Lack of storage facility Severe crop weed competition in Kharif upland crops	Crop diversification, , Quality seeds and seedling, ,Farm mechanization,promotion of nutritional garden
7	Bolangir	Loisingha	Magurbeda	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat	Inadequate knowledge about post harvest technology	Quality seeds and seedling, Integrated Disease and pest, Weed management Off season vegetable,Farm mechanization,
8	Patnagarh	Patnagarh	Tamiya	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat	Lack of storage facility for fruits and vegetables Poor nutrient status and low water holding capacity of soil	Recycling of farm waste through vermicomposting, Crop diversification
9	Patnagarh	Patnagarh	Bijamagur	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat, Mushroom	Severe crop weed competition in Kharif upland crops Non availability of waste land management techniques	Crop diversification, Integrated Nutrient Management Practices, Quality seeds and seedling,
10	Bolangir	Saintala	Budhabahal	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat, Mushroom	Lack of irrigation facility during Rabi/Summer except Hirakud command area Severe crop weed competition in Kharif upland crops Lack of storage facility for fruits and vegetables	Off season vegetable,Farm mechanization,promotion of nutritional garden
11	Bolangir	Loisingha	Dhauradadar	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat, Mushroom	Lack of storage facility for fruits and vegetables Inadequate knowledge about post harvest technology	Recycling of farm waste through vermicomposting, Off season vegetable, Crop Diversification

12	Bolangir	Deogaon	Uparjhar	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat	Non availability of waste land management techniques Severe crop weed competition in Kharif upland crops	Farm mechanization/drudgery reduction of farm women
13	Bolangir	Bolangir	Gandhrel	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat	Severe crop weed competition in Kharif upland crops	Offseason vegetable cultivation
14	Bolangir	Loisingha	Talliudar	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat	Low and imbalance use of manures and fertilizers in all crops Lack of storage facility for fruits and vegetables	Crop diversification, Integrated Nutrient Management Practices, Quality seeds and seedling, Off season vegetable,
15	Bolangir	Bolangir	Larkipalli	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat,Mushroom	Low availability and adoption of dryland farming technique Major weed problem in Kharif crops.	Crop diversification, Integrated Nutrient Management Practices, Farm mechanization,promotion of nutritional garden
16	Patnagarh	Patnagarh	Kutumunda	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat	Poor nutrient status and low water holding capacity of soil Lack of storage facility for fruits and vegetables	Crop diversification, Off season vegetable, promotion of nutritional garden

17	Bolangir	Deogaon	Jalia	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat,Mushroom	Poor nutrient status and low water holding capacity of soil Lack of storage facility for fruits and vegetables	Quality seeds and seedling, Off season vegetable,Farm mechanization,promotion of nutritional garden
18	Bolangir	Gudvella	Saragada	Paddy,Greengram,Arhar,Cucumber,Vegetable,Poultry,Goat	Severe soil erosion in sloppy uplands Lack of storage facility for fruits and vegetables	Integrated Nutrient Management Practices, Quality seeds and seedling, Farm mechanization,promotion of nutritional garden

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2017-18) for its development and action plan

Name of village	Block	Action taken for development
Kaudia	Patnagarh	
Banabahal	Puintala	
Baragaon	Balangir	
Sirabahal	Puintala	

2.1 Priority thrust areas

S. No	Thrust area
1.	Crop diversification
2.	Integrated Nutrient Management Practices
3.	Integrated Disease and pest Management
4.	Quality seeds and seedling production
5.	Income generation activities for rural women /school dropouts
6.	Value addition to seasonal vegetables/fruit
7.	Proper health management of domestic animals and birds
8.	Weed management and soil processing
9.	Substitution of ruling varieties with improved /hybrid varieties
10.	Market linkage and production strategies
11.	Recycling of farm waste through vermicomposting
12.	Farm mechanization/drudgery reduction of farm women
13.	Offseason vegetable cultivation
14.	Promotion of nutritional garden for nutritional security
15.	Introduction of suitable varieties with improved packages of practices
16.	Effective use of family labour through need based livelihood option

3. TECHNICAL ACHIEVEMENTS

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

OFT						FLD					
No. of technologies:						No. of technologies:					
Number of OFTs		Number of farmers				Number of FLDs		Number of farmers			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
9	8	62	20	42	62	15	15	117	22	95	117

Training						Extension activities					
Number of Courses		Number of Participants				Number of activities		Number of participants			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
74	74	1540	302	1238	1540						

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
228	228	2,54,350	2,54,350

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
		100	60

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper	-	-
Seminar/conference/ symposia papers	-	-
Books	-	-
Bulletins		
News letter	4 quarterly	2000
Popular Articles	4	3500
Book Chapter	-	-
Extension Pamphlets/ literature	3	2500
Technical reports	4	155
Electronic Publication (CD/DVD etc)	-	-
TOTAL		

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of performance of triple resistant tomato var. Arka rakshak and Arka Samrat
2.	Problem diagnosed	Low yield due to incidence of various diseases in existing variety with thin skinned fruit
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TOP 1:Assessment of triple resistant hybrid variety Arka rakshak tolerant to wilt, thick skinned, spacing-150X90cm, semi indeterminant, 150-120-150 NPK/ha. TOP 2: Assessment of triple resistant hybrid variety Arka samrat tolerant to wilt, thick skinned, spacing-150X90cm, semi indeterminant, 150-120-150 NPK/ha
4.	Source of Technology	IIHR
5.	Production system and thematic area	Varietal substitution
6.	Performance of the Technology with performance indicators	No. of fruits/plant-TOP 1: 120, TOP 2:116, Ave. fr.wt.- TOP 1:82g, TOP 2:100g,
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Under summer season when temperature rises above 40 degree the plant thrives less.
9.	Process of farmers participation and their reaction	

Thematic area: Varietal substitution

Problem definition: Low yield of tomato due to incidence of various diseases in existing varieties with thin skinned fruit.

Technology assessed: TOP1-growing of triple resistance hybrid var. Arka Rakshak, tolerant to wilt suitable for both fresh , distant market as well as processing,spacing 150X90 cm. TOP2-growing of triple resistance hybrid var. Arka Samrat, suitable for year round production, spacing 150X90 cm, semi indeterminant.

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fruits/plant	Average fruit weight(gms)	Storability(days)						
Tomato	7	120,116	82,100	20, 23	18	1000, 995	1,20,000	500000, 497500	380000 377500	4.16 4.14

OFT-2

1.	Title of On farm Trial	Assessment of suitable growth regulator in brinjal for early and higher fruit set.
2.	Problem diagnosed	Low yield of brinjal due to flower drop and improper fruit setting in local varieties.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TOP1: Assessment of spraying of triacontanol (1ml/l) + borax(35mg/l) at 15 DAT and next twice at time of full bloom stage. TOP2: Assessment of soaking of seeds in solution of 2,4-D at 4-5 ppm for 24 hrs+ spraying with 2,4-D at 2ppm(2ml/l)
4.	Source of Technology	OUAT

5.	Production system and thematic area	Application of growth regulator
6.	Performance of the Technology with performance indicators	Plant ht. (90 DAS)-TOP 1:61.6cm TOP 2: 55.02 cm,no of fruits/kg-TOP 1: 7, TOP 2: 9
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Hormones if sprayed with little bit higher dose, has got detrimental effect.
9.	Process of farmers participation and their reaction	

Thematic area: Application of growth regulators

Problem definition: Low yield of brinjal due to flower drop and improper fruit setting in local varieties.

Technology assessed: TOP1: Assessment of spraying of triacontanol (1ml/l) + borax(35mg/l) at 15 DAT and next twice at time of full bloom stage.TOP2: Assessment of soaking of seeds in solution of 2,4-D at 4-5 ppm for 24 hrs+ spraying with 2,4-D at 2ppm(2ml/l)

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fruits/kg	Average fruit weight(gms)	Storability(days)						
Brinjal	7	7, 9	130, 100	7,5	30	478,446	84700 84000	286800 267600	202100 183600	3.38 3.18

OFT-3

1.	Title of On farm Trial	Assessment on seed production in onion
2.	Problem diagnosed	Low yield due to unavailability of true to type seeds, high cost of foundation seed, poor germination,poor growth and susceptible to disease.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TOP 1: Assessment of seed production in onion by seed to seed method, use of herbicide pendimethalin, NPK@ 250-100-100 kg/ha TOP 2: Assessment of Seed production in onion by bulb to seed method, spacing is 25X10 cm, NPK @ 250-100-100 kg/ha.
4.	Source of Technology	DOGR
5.	Production system and thematic area	Seed production
6.	Performance of the Technology with performance indicators	Plant ht.(60 DAT): TOP1-42.1 cm, TOP2-33.9 cm
7.	Final recommendation for micro level situation	Ideal time of transplanting for better seed production is Oct-Nov.
8.	Constraints identified and feedback for research	If transplanting is delayed the seed production is hampered because low temperature is essential for seed setting.
9.	Process of farmers participation and their reaction	Seed production by seed to seed method is better than bulb to seed method because there is more than one umbel per plant.

Thematic area: Seed Production

Problem definition: Unavailability of true to type seed in onion , high cost of foundation seed, poor germination, poor growth and susceptible to disease .

Technology assessed: TOP1: seed production in onion by seed to seed method in onion var. AFLR, spacing is 25X10cm, NPK@ 250-100-100 Kg/ha .TOP2: Seed production in onion by bulb to seed method, spacing is 25X10 cm, NPK @ 250-100-100 kg/ha.

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Germination %	Seed wt/umbel(gm)							
Onion	7	82,70	2.83, 2.25			4.5, 3.7	99000 110000	405000 333000	306000 223000	4: 3.03

Results:

OFT-4

1.	Title of On farm Trial	Assessment of 3-row rice transplanter in paddy for drudgery reduction of farmwomen
2.	Problem diagnosed	High drudgery in manual transplanting

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TOP1-line transplanting with the help of rope TOP2-Transplanting by 3-row rice transplanter,size of mat is 22 cm in width,45 cm in length & thickness of soil of 1.5 cm
4.	Source of Technology	AICRP on ESA, OUAT, 2015
5.	Production system and thematic area	Drudgery reduction
6.	Performance of the Technology with performance indicators	Output (m2/hr) -TOP 1: 50, TOP 2:130, WHR (Beats/min).- TOP 1:112, TOP 2:130,
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	3-row Rice Transplanter is suitable for upland, medium land and low land situation. But in low land situation special attention is to be given for water management and MAT nursery management
9.	Process of farmers participation and their reaction	

Thematic area: Drudgery Reduction

Problem definition: High drudgery in manual transplanting

Technology assessed: TOP1--line transplanting with the help of rope,TOP2 Transplanting by 3-row rice transplanter,size of mat is 22 cm in width,45 cm in length & thickness of soil of 1.5 cm

Table:

Technology option	No. of trials	Yield component			% Increase in efficiency	% reduction on drudgery	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Output (m2/hr)	WHR (Beats/min)	EER (Kj/min)						
3 row rice transplanter	7	50,130	112,130	7.34, 16.64	-24, 96.96	-27.9, 63.29	33,000 32000	65000, 62400	32000, 30400	1.96 1.95

OFT-5

1.	Title of On farm Trial	Assessment of Women friendly pedal operated paddy thresher with safety cover for drudgery reduction of farmwomen
2.	Problem diagnosed	High drudgery in manual threshing
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TOP2-Threshing by pedal operated paddy thresher with out cover TOP3-Threshing by pedal operated paddy thresher with safety cover.
4.	Source of Technology	AICRP on ESA, OUAT, 2015
5.	Production system and thematic area	Drudgery reduction

6.	Performance of the Technology with performance indicators	Output (Kg/hr) -TOP 1: 79, TOP 2:79, WHR (Beats/min).- TOP 1:118, TOP 2:118,
7.	Final recommendation for micro level situation	This is a suitable women friendly implement. It is easy to operate without electricity.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	

Thematic area: Drudgery Reduction

Problem definition: High drudgery in manual threshing

Technology assessed: TOP1- Threshing by pedal operated paddy thresher with out cover . TOP2- Threshing by pedal operated paddy thresher with safety cover

Table:

Technology option	No. of trials	Yield component			% Increase in efficiency	% reduction on drudgery	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Output (Kg/hr)	WHR (Beats/min)	EER (Kj/min)						
Pedal operated paddy thresher with safety cover	7	79,79	118,118	7.62,7.62	125	21	28,167	67041	28785	2.38

OFT-6

1.	Title of On farm Trial	Assessment of locally available substrates for production of oyster mushroom
2.	Problem diagnosed	Non-availability of sufficient paddy straw in locality and no use of major crop by-products.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TOP2-By using crumpled straw TOP3-By using cotton stalk as substrate
4.	Source of Technology	AICRP on Mushroom, CTMRT, OUAT, 2013
5.	Production system and thematic area	Income generation
6.	Performance of the Technology with performance indicators	wt.of fruiting bodies in gm- TOP 1: 40, TOP 2:35,biological efficiency in %- TOP 1: 104, TOP 2:53,Crop duration in days- TOP 1: 24, TOP 2:30
7.	Final recommendation for micro level situation	Bundle straw is best than the other substrates.
8.	Constraints identified and feedback for research	Loose straw will be sterilized upto 3 hrs rather than 12 hrs
9.	Process of farmers participation and their reaction	Locally available substrates can be utilized for better income.

Thematic area: Income generation

Problem definition: Non-availability of sufficient paddy straw in locality and no use of major crop by-products.

Technology assessed: TOP2-By using crumpled straw,TOP3-By using cotton stalk as substrate

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (kg/10 bed)	Cost of cultivation (Rs./10 bed)	Gross return (Rs./10 bed)	Net return (Rs./10 bed)	BC ratio
		wt.of fruiting bodies in gm	biological efficiency in %	Crop duration in days						
Oyster mushroom	7	40,35	104,53	24,30	-	20.8 10.06	550 500	1664 848	1114 348	2.02 1.04

Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1.	Pomegranate	Fruit crop cultivation	Planting of pomegranate var. Bhagwa at spacing of 4X3m,training and pruning, NPK @ 700g-250 g-250g /tree/yr, mulching.	0.5	0.5	-	7	7	
2.	Papaya	Fruit crop cultivation	Planting of papaya var. red lady @ spacing 1.8X1.8 m,no. of	0.5	0.5	-	5	5	

			plants/ac-1200, 200-500-500 g NPK/plant/yr in equal splits.						
3.	Cauliflower	Nutrient Management	Demonstration on application of Boron and Molybdenum in cauliflower RDF+ spraying of mixture of Borax 0.2% and ammonium molybdate 0.1% at 30 and 45 DAT.	1	1	-	7	7	
4.	Onion	Nutrient Management	Growing of onion var. AFLR with STB fertilizer application and Sulphur (Bentonite Sulphur) @ 40 kg/ha	1	1	3	7	10	
5	Hybrid napier	Fodder cultivation	Cultivation of hybrid napier 2 noded slits as planting material at 60x60 cm with application of soil test based fertiliser,transplanting in June	0.2	0.2	3	7	10	
6	Mango	Nutrient Management	Drenching of paclobutrazole @15 ml/10 lit. of water in the root zone of plant(7-15 yr. old orchard),3 ft away from trunk in the month of September.	1	1	2	8	10	
7	Oyster mushroom	Mushroom cultivation	*P.sajorcaju, H.ulmarious*	200 beds	200 beds	5	5	10	
8	Mineral mixture	Nutritional Management	Feeding with green fodder 20 kg /day/ cow with other feed, Administration of mineral mixture @ 50 gm/ cow/ day for 90 days	41kg	41 kg	3	6	9	
9	Greengram	Varietal	IPM-02-14, Plant height 36-39 cm, erect-upright,	2	2	-	10	10	

			determinate, synchronous maturity, shiny green seed, STBF,PP measures as per need						
10	Greengram	Nutrient management	Application of 2 % DAP in foliar spray one at preflowering stage and other at 15 days after first spray.	2	2	-	10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Pomegranate	Kh-17	Irrigated	Clay-loam	289	18	120	Chilli	August	continuing	158	
Papaya	Rabi-2017-18	Irrigated	Sandy-loam	273	20	117	Tomato	january	April	12.2	
Cauliflower	Rabi-2017-18	Irrigated	Red laterite	408	20	124	Bittergourd	January	march	0	
Onion	Post Kh-17	Irrigated	Sandy - loam	378	23	125	Brinjal	October	march	0	
Hybrid napier	Kharif-17	Irrigated	Sandy – loam	290	21	117	Hybrid napier	June	continuing	123	
Mango	Rabi-2017-18	Irrigated	Sandy – loam	283	20	117	Mango	September	continuing	12.8	
Oyster mushroom	Rabi-2017-18	Homestead	-	-	-	-	Nil	December	January & nwards	0	
Mineral	Rabi-2017-	Homestead	-	-	-	-	nil	December	March	0	

mixture	18										
Greengram	Rabi-2017-18	Irrigated	Sandy – loam	20	40	20	Paddy	January	March		
Greengram	Rabi-2017-18	Irrigated	Sandy – loam	20	40	20	Paddy	January	March		

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
															2.0

Greengram	Varietal substitution	IPM-02-14, Plant height 36-39 cm, erect-upright, determinate, synchronous maturity, shiny green seed, STBF,PP measures as per need	10	2	7.6	4.2	80	21200	45,600	24,400	2.1	16,300	25,200	8900	1.5
Greengram	Nutrient management	Application of 2 % DAP in foliar spray one at preflowering stage and other at 15 days after first spray.	10	2	8.2	4.3	90	21200	49,200	28,000	2.3	16,300	25,800	9,500	1.5
	Total														

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Pomegranate	Fruit crop cultivation		7	0.5	-												
Papaya	Fruit crop cultivation		5	0.5	-												
Cauliflower	Nutrient Management		7	1	362	283	27.9	89	74	85200	217200	132000	1:2.5	77600	169800	92200	1:2.2
Onion	Nutrient Management		10	1	332	283	17.3	110	65	98308	265600	167292	1:2.7	96188	283	130212	1:2.35

Hybrid napier	Fodder cultivation	Cultivation of hybrid napier 2 noded slits as planting material at 60x60 cm with application of soil test based fertiliser,transplanting in June	10	0.2	400	200	100	570 lit milk/4 month	480	8500	14820	6320	1.74	7500	12480	4980	1.66
Mango	Nutrient Management	Drenching of paclobutrazole @15 ml/10 lit. of water in the root zone of plant(7-15 yr. old orchard),3 ft away from trunk in the month of September.	10	1	100	70	43			445	1500	1055	3.37	400	1050	650	2.62
Mineral mixture	Nutritional Management	Feeding with green fodder 20 kg /day/ cow with other feed, Administration of mineral mixture @ 50 gm/ cow/ day for 90 days	9	41 kg	5lit	4.5 lit	11			530	1500	970	2.83	500	1350	850	2.7
		Total															

Livestock

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

Duckery																	
Others (pl.specify)																	
Total																	

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

Fisheries

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

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	*P.sajorcaju, H.ulmarious*	10	200 beds	2.3kg	2kg	15			530	1500	970	2.83	500	1350	850	2.7
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																

Others (pl.specify)																
Total																

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

Women empowerment

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

Farm implements and machinery

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

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

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local	%	Gross	Gross	Net	BCR

					check	change	Cost	Return	Return	
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower	MFSH 17	17	10	15.7	11.5		29,500	22,050	33,300	23,950
Groundnut										
Soybean										
Others (pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										

Okra										
Onion										
Cauliflower	Barkha	7	1ha	362	283	28	85200	217200	132000	2.5
Field bean										
Others (pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Onion	Severe sulphur deficiency during bulb development has detrimental effect on quality and yield.It has got pest and disease tolerance
2	Papaya	Papaya var. Red lady (100% gynoecious) comes to flowering in four months of planting.
3	Mineral mixture	Mineral mixture helps in proper digestion and utilisation of nutrients present in concentrate feed so it can be mixed with other feed supplements in order to get optimum growth .
4	Hybrid napier	Sweet in taste ,continues in the field for 2 to 3 yrs, production starts at 60 DAT, harvesting at 30 days interval, Yield 400-500 Q/ha/year

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	16.2.18 ,27.2.18, 7.3.18, 20.3.18, 14.12.17,18.12.17	6	170	
2.	Farmers Training	10.4.17, 8.9.17, 20.10.17, 21.10.17, 23.11.17, 30.11.17	5	115	
3.	Media coverage				
4.	Training for extension functionaries	14.12.17	1	10	

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
	Arhar	Local	9.5	8.03	10.5	14.5	variety ASHA+Seed dressing, vitavax power@3gm/kg seed and rhizobium culture treatment@20gm /kg seed, Soil micronutrient	50	20	15.7	7.8	14.2	8.03	10.5	14.5

							application , Zypmite plus @1qtl/ha,Application of herbicide Imazethapyr@750 ml/ha,PP Chemical Lambdacyhalothrin@2ml/ltr								
	Green gram	Jhain mung	4.5	4.8	4.5	8	Variety IPM 2-14 +Seed dressing, application of herbicide & soil application of Zypmite plus,2% DAP as foliar spray, need basedPP measures	63	30	9.3	5.1	7.5	4.8	4.5	8
	Chick pea (Rabi-2017-18)	Local	5.3	9.18	7.68	15	Variety JAKI 9218+seed dressing, Herbicide and Soil test based fertilizer application. PP chemical Metalaxyl +Mancozeb @2ml/ltr	53	20	18	8	11.6	9.18	7.68	20
	Groundnut	Local	14.4	19.12	19.36	20.2	var ICGV91114,Application of herbicides and Plant protection measures as per need	100	40	23.3	13	18.6	19.12	19.36	20.2
	Sunflower	Local	11.5	12.8	11.9	18	Var.MFSH 17+Seed rate@5kg/ha with seed treatment.STBF,Soil application of Borax@10kg/ha, PP Chemical Metalaxyl+Mancozeb@2.5	17	10	17.4	11.2	15.7	12.8	11.9	18

							gm/litr to control Collar rot disease.								

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
	variety ASHA+Seed dressing, vitavax power@3gm/kg seed and rhizobium culture treatment@20gm/kg seed, Soil micronutrient application , Zypmite plus @1qtl/ha,Application of herbicide Imazethapyr@750 ml/ha,PP Chemical Lambdacyhalothrin@2ml /ltr	23,600	47,500	23,900	2.0	28,500	71,000	42,500	2.4
	Variety IPM 2-14 +Seed dressing, application of herbicide & soil application of Zypmite plus,2% DAP as foliar spray, need basedPP measures	16,300	27,000	10,700	1.6	21,200	45,000	23,800	2.1
	Variety JAKI 9218+seed dressing, Herbicide and Soil test based fertilizer application .PP chemical Metalaxyl +Mancozeb @2ml/ltr	19,300	26,500	7,200	1.3	25,400	58,000	32,600	2.2
	Seed var.ICGV 91114,STBF,Application of Herbicide Imazethapyr@750 ml/ha,PPchemical metalaxyl+mancozeb@2g	35,100	72,000	36,900	2.05	39,500	93,000	53,500	2.3

	m/ltr								
	Var.MFSH 17+Seed rate@5kg/ha with seed treatment.STBF,Soil application of Borax@10kg/ha,PP Chemical Metalaxyl+Mancozeb@2.5 gm/litr to control Collar rot disease	22,050	46,000	23,950	2.0	29,500	62,800	33,300	2.5

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)
	ASHA+Seed dressing, vitavax power@3gm/kg seed and rhizobium culture treatment@20gm/kg seed, Soil micronutrient application , Zypmite plus @1qtl/ha,Application of herbicide Imazethapyr@750 ml/ha,PP Chemical Lambdacyhalothrin@2ml/ltr	1420	1010	50/-	410	-	To mitigate daily requirement,repayment of loan etc.	90 mandays(in ha)
	Variety IPM 2-14 +Seed dressing, application of herbicide & soil application of Zypmite plus,2% DAP as foliar spray, need basedPP measures	750	530	60/-	220	-	To mitigate daily requirement,repayment of loan etc.	70 mandays(in ha)

	Variety JAKI 9218+seed dressing, Herbicide and Soil test based fertilizer application. PP chemical Metalaxyl +Mancozeb @2ml/ltr	1160	680	50/-	480	-	To mitigate daily require ment,rep ayment of loan etc.	60 mandays(i n ha)
	Groundnut and ICGV 91114	1860 (in averag e cluster in ha)	1360	Rs50/	500	-	To mitigate daily require ment,rep ayment of loan etc.	140 Mandays (ha)
	MFSH 17+Seed rate@5kg/ha with seed treatment.STBF,Soil application of Borax@10kg/ha,PP Chemical Metalaxyl+Mancozeb@2.5 gm/litr to control Collar rot disease	1570	1570	40/-	-	-	To mitigate daily require ment,rep ayment of loan etc.	60 mandays(i n ha)

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
	Seed var.ICGV 91114,STBF,Application of Herbicide Imazethapyr@750 ml/ha,PPchemical metalaxyl+mancozeb@ 2gm/ltr	Suitable	The yield of this variety ICGV 91114 is very good and drought tolerant	Yes	Nil	Yes	

	MFSH 17+Seed rate@5kg/ha with seed treatment.STBF,Soil application of Borax@10kg/ha,PP Chemical Metalaxyl+Mancozeb@ 2.5 gm/litr to control Collar rot disease	Suitable	variety MFSH 17performing good yield	Yes	No	Yes	

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Variety Asha(ICPL 87119) Performing very good yield	ICPL 87119 Performing very good	ICPL 87119 PERFORMING BETTER YIELD IN COMPARISION TO LOCAL VARIETY	Farmers satisfied with this technology and demand short duration Arhar variety
Variety IPM 2-14 Performing very good yield	Variety IPM 2-14 Performing very good	Variety IPM 2-14 Performing better yield in comparision to Local variety.	Farmers satisfied with this technology and demand huge amount of this variety of seed in proper time
Variety JAKI 9218 Performing very good yield	JAKI 9218 Performing very good	JAKI 9218 Performing better yield in comparision to Local variety.	Farmers satisfied with this technology and demand huge amount of this variety of seed in proper time
Seed Variety ICGV 91114 is a early maturing and drought tolerant variety	Performance is very good yield	In local variety the yield quantity is very less in comparison to Demo variety	Farmers are very happy and satisfied this technology(yield is very good in comparison to local variety)
Variety MFSH 17 Performing very good yield	Variety MFSH 17 Performing very good	Variety MFSH 17 PERFORMING BETTER YIELD IN COMPARISION TO LOCAL VARIETY	Farmers satisfied with this technology and performance of CFLD

F. Extension activities under FLD conducted:

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

	Training(Arhar)	**28.10.2017/Sirabahal**	**25**
	Training	**2.11.2017/Sirabahal**	**25**
	Field day	**1.02.2018/Sirabahal**	**30**
	Training(Greengram)	**15.3.18/Banabahal**	**30**
	Training	**17.3.18/Narayanpur**	**30**
	Training	**21.3.18/Budelguma**	**30**
	Field day	**22.3.18/Banabahal**	**30**
	Field day	**27.3.18/Narayanpur**	**30**
	Field day	**30.3.18/Budelguma**	**30**
	Training(Chickpea)	**14.3.2018/Bargaon**	**25**
	Training	**18.3.2018/Bargaon**	**25**
	Field day	**20.3.2018/Bargaon**	**40**
	Training(Groundnut)	11.09.2017 /Dhodamahul	30
	Training	15.09.2017 /Kaudia	30
	Training	16.09.2017 /Ulba	30
	Field day	01.11.2017 /Kaudia	40
	Training(Sunflower)	**19.3.2018/Rengali**	**25**
	Field day	**29.3..2018/Rengali**	**30**

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.)
Arhar	i) Critical input	i) Critical input	1,30,950	1,30,950
	ii) TA/DA/POL etc. for monitoring	ii) TA/DA/POL etc. for monitoring	-	-
	iii) Extension Activities (Field day)	iii) Extension Activities (Field day),training,and misc.	6360	6360
	iv)Publication of literature	iv)Publication of literature	3,990	3,990
	Total	Total	1,41,300	1,41,300
Greengram	i) Critical input	i) Critical input	NIL	1,89,850
	ii) TA/DA/POL etc. for monitoring	ii) TA/DA/POL etc. for	NIL	1200

		monitoring		
	iii) Extension Activities (Field day)	iii) Extension Activities (Field day),training,and misc.	NIL	20,145
	iv)Publication of literature	iv)Publication of literature	NIL	13,805
	Total	Total	NIL	2,25,000
Chickpea	i) Critical input	i) Critical input	1,25,120	1,25,120
	ii) TA/DA/POL etc. for monitoring	ii) TA/DA/POL etc. for monitoring	-	-
	iii) Extension Activities (Field day)	iii) Extension Activities (Field day),training,and misc.	12,608	12,608
	iv)Publication of literature	iv)Publication of literature	12,272	12,272
	Total	Total	1,50,000	1,50,000
Groundnut	i) Critical input	i) Critical input	2,95,700	2,95,700
	ii) TA/DA/POL etc. for monitoring	ii) TA/DA/POL etc. for monitoring	17,000	-
	iii) Extension Activities (Field day)	iii) Extension Activities (Field day),Training and Misc.	15,028	15,028
	iv)Publication of literature	iv)Publication of literature	12,272	12,272
	Total	Total	3,40,000	3,23,000
Sunflower	i) Critical input	NIL	51,000	51,000(-VE)
	ii) TA/DA/POL etc. for monitoring	NIL	-	-
	iii) Extension Activities (Field day)	NIL	6543	6,543(-VE)
	iv)Publication of literature	NIL	2,457	2,457(-VE)
	Total	NIL	60,000	60,,000(-VE)

K. List of Farmer under FLD (Crop wise)

Crop -1

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)	Soil testing done (Yes/	Recommendations based on soil test	Brief technology interv	Variety	Seed quantity used	Demo. Yield (q/ha)	Yield of local check q/h	% increase

								No)	value	ention					a		
						Latitude	Longitude						H	L	A		

a) Crop2

Name of farmer	Father'sname	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/ No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	2	35	-	35	10	-	10	5	-	5	50	-	50
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification	1	25	-	25	-	-	--	-	-	-	25	-	25
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	3	59			6			10			75		75
Water management	1	15			6			4			25		25
Enterprise development													
Skill development	1	22			1			2			25		25
Yield increment	2	45						5			25		50
Production of low volume and high value crops													
Off-season vegetables	1	8			5			12			25		25
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	19						6					
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	1	25									25		25
Cultivation of Fruit	1	21			4						25		25
Management of young plants/orchards	1	25									25	-	25
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													

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
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	11		11	1		1	3		3	15	-	15
Bee-keeping													
Integrated farming													
Seed production	1	10			4			1			15		
Production of organic inputs													
Integrated Farming													
Planting material production	1	13						2			15		
Vermi-culture	1		11	11		4	4					15	15
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	3	12	15							3	12	15
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	1	15			2			3			20		20
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													

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
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL													

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	18			1			1			20		
Value addition	2	9	11	20							9	11	20
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	2	16			3			1			20		
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	6	2	8		1	1	1		1	7	3	10
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Others (mushroom project preparation)	1		6	6		2	2		2	2		10	10
TOTAL													

D) Farmers and farm women (off campus)

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	1		22	22		1	1		2	2		25	25
Piggery Management													
Rabbit Management													
Disease Management													
Feed management	1		23	23					2	2		25	25
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1		11	11		7	7		7	7		25	25
Enterprise development													
Value addition	2		31	31		10	10		9	9		50	50
Income generation activities for empowerment of rural Women	2		35	35		11	11		4	4		50	50
Location specific drudgery reduction technologies	4		52	52		27	27		21	21		100	100
Rural Crafts													
Capacity building													
Women and child care													
Others, (fodder cultivation)	2		39	39		4	4		7	7		50	50
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value													

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
addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													

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

E)RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													

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

F) Extension Personnel (Off Campus)

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

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	1		22	22		1	1		2	2		25	25
Piggery Management													
Rabbit Management													
Disease Management													
Feed management	1		23	23					2	2		25	25
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													

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
Gender mainstreaming through SHGs	1		11	11		7	7		7	7		25	25
Storage loss minimization techniques													
Enterprise development	2		31	31		10	10		9	9		50	50
Value addition	2		35	35		11	11		4	4		50	50
Income generation activities for empowerment of rural Women	4		52	52		27	27		21	21		100	100
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	2		39	39		4	4		7	7		50	50
TOTAL													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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													

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													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL													

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	11		11	1		1	3		3	15	-	15
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture	1	13		13				2		2	15		15
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	3	12	15							3	12	15
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL													

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													

Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition	2	9	11	20							9	11	20
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	6	2	8		1	1	1		1	7	3	10
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any	1		6	6		2	2		2	2		10	10
TOTAL													

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
WOE	FW	Preparation of different product / practices for value addition of tomato.	1	Off	-	25	25		14	14
WOE	FW	Uses of Women friendly pedal operated paddy thresher with safety cover for drudgery reduction .	1	Off		25	25		12	12
WOE	FW	Uses of 3-row rice transplanter in Paddy for drudgery reduction of farmwomen	1	Off		25	25		15	15

WOE	FW	Use of low cost poly house for production of paddy straw mushroom in winter	1	Off		25	25		11	11
WOE	FW	Use of area specific mineral mixture on the performance of milk yield in cross bred cows	1	Off		25	25		2	2
WOE	FW	Cultivation of different varieties of Oyster Mushroom.	1	Off		25	25		4	4
WOE	FW	Method of enhancing shelf life of stone apple pulp	1	Off		25	25		5	5
WOE	FW	Hybrid napier fodder cultivation	1	Off		25	25		10	10
WOE	FW	Safe storage of pulses	1	Off		25	25		14	14
WOE	RY	Vermiwash & its Use	2	0n		15	15		4	4
WOE	RY	Paddy straw mushroom spawn production technique	3	on	15		15	4	4	
WOE	RY	Value addition in fruits and vegetables for local marketing	2	0n	3	12	15	-	-	-
WOE	IS	Post harvest technology & value addition	1	0n	3	7	10	-	-	-
WOE	IS	Homestead vocation for farmwomen	1	0n	7	3	10	1	1	2
WOE	IS	Picking & post harvest treatment in mushroom	1	0n	6	4	10	-	-	-
WOE	IS	Preparation of project report for mushroom cultivation	1	0n		10	10		4	4
WOE	FW	Major fodder crops for livestock rearing	1	Off		25	25		1	1
WOE	FW	Vaccination schedule and methods for backyard poultry	1	Off		25	25		3	3
WOE	FW	Location specific drudgery reduction technologies for farm women	1	Off		25	25		7	7
WOE	FW	Preparation of different product / practices for value addition of tomato.	1	Off		25	25		6	6
CBD	FW	Alternate livliehood option for resource poor family	1	Off	25	-	25	-	-	-
CP	FW	Crop Diverszification and its importance	1	Off	25	-	25	-	-	-

CP	FW	Princples and practices for sustainable Agriculture	1	Off	25	-	25	-	-	-
CP	FW	Seed production In Paddy crop	1	Off	25	-	25	5	-	5
CBD	FW	Role and importance of leadership in Agriculture Develpment	1	Off	25	-	25	11	-	11
CP	FW	Weed management in Greegram	1	Off	25	-	25	2	-	2
CBD	FW	Formation of farmers club,importance and management	1	Off	25	-	25	25	-	25
CP	FW	Weed management in Groundnut crop	1	Off	25	-	25	8	-	8
CP	FW	INM in Pulse crop	1	Off	25	-	25	25	-	25
CP	FW	Seed dressing with microbial culture in Pulse crop	1	Off	25	-	25	2	-	2
CBD	RY	Organic farming	2	ON	15	-	15	12	-	15
CBD	RY	Vermicomposting Technology	2	ON	15	-	15	3	-	3
CBD	RY	Development of Enterpreneurship quality for Rural Youth	2	ON	15	-	15	3	-	3
CBD	IS	Market led Extension	1	ON	10	-	10	-	-	-
CBD	IS	ICT Application In Agriculture	1	ON	10	-	10	2	-	2
CBD	IS	Integrated Farming system	1	ON	10	-	10	-	3	3

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

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

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

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

1.	Gender friendly farm tools in paddy	Drudgery reduction	August & December 2017	10	WSHG	10				34	52	64	34	52	64	150	DEE,OUAT,BBSR
2.																	
3.																	
4																	

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC / ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	12	305	140	445	32	15	-	15	320	140	460
KisanMela	2	685	316	1001	25	60	20	80	745	396	1041
KisanGhosthi	3										
Exhibition	4	1323	594	1917	42	60	38	98	1383	632	2015
Film Show	13	82	61	143	16	10	3	13	92	74	166
Method Demonstrations	25	45	26	71	14	30	12	42	75	38	113
Farmers Seminar	4	75	26	101	11	11	4	15	86	30	116
Workshop											
Group meetings	20	104	76	180	35	31	9	40	135	85	220
Lectures delivered as resource persons	35	415	230	645	40	45	45	15	460	245	705
Advisory Services											
Scientific visit to farmers field	176	621	227	848	38	25	15	40	646	242	888
Farmers visit to KVK	580	350	230	580	43	27	18	45	377	275	652
Diagnostic visits	68	280	42	322	35	20	12	32	300	54	354
Exposure visits	2	20	-	20	25	1	1	2	21	1	22
Ex-trainees Sammelan	4	62	38	100	37	5	3	8	67	41	108
Soil health Camp	1	20	5	25	40	3	1	4	23	6	29
Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	1	20	5	25	40	3	1	4	23	6	29

Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	4	87	33	120	45	5	3	8	92	36	128
Sankalp Se Siddhi											
Swatchta Hi Sewa	4	60	8	68	30	5	3	8	65	11	76
MahilaKisan Divas	1	-	40	40	70	2	2	4	2	42	44
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	7
Radio talks	16
TV talks	3
Popular articles	4
Extension Literature	6
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Paddy	Mrunalini	128	3,27,680/-	O.S.S.C
	Mandakini	100	2,56,000/-	O.S.S.C

Grand Total		228	5,83,680/-	O.S.S.C

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato	A. Rakshak, A. Samrat	5000	10000	7
Brinjal				
Chilli				
Onion	AFLR	2,49,000	37350	7
Papaya	Red lady	350	7000	5
Fruits				
Mango				
Guava				
Lime				
Papaya				
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Total				

Production of Bio-Products

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

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry	Banaraja (15 days old)	1805	35	18
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn	V.volvacea	1500	20	43
Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:NA

Name of Nodal Officer :	
Address :	
e-mail :	

Phone No. : Mobile :	

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2017	Paddy	Mrunalini	128	4ha	128	FS
		Mandakini	100	4ha	100	FS
Rabi 2017-18						
Summer/Spring 2018						

iii) Financial Progress

Fund received (2016-17 and 2017-18)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	-	377959	3.17	
2017-18	Admin Building under construction Data available with Comptroller	504912.45	0.245	

iv) Infrastructure Development: NIL

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation

Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training cum orientation	Horticultural discipline	S.Srichandan, Scientist(Hort)	1.2.18	ATARI, Kolkata
2.	Write shop	Write shop for training manuals	S.Srichandan, Scientist(Hort)	12.3.18-14.3.18	DEE, OUAT
3.	Cutting edge technology	Cutting edge technology for horticultural crops under climate change scenario	S.Srichandan, Scientist(Hort)	20.11.17-22.11.17	DEE, OUAT
4.	Workshop	enhancing out reach of agro advisory services to farmers of Odisha	S.Purohit, Scientist(H.Sc)	9.10.17	IMAGE,BBSR
5.	Workshop	Gender friendly farm tools in Paddy	S.Purohit, Scientist(H.Sc)	22.7.17	CIWA,BBSR
4.	Cutting edge technology	Cutting edge technology for horticultural crops under climate change scenario	SagarikaMuna Farm Manager	20.11.17-22.11.17	DEE, OUAT
7.					

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

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	

Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

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

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

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

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

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

Sl. No	Name of the Equipment	Qty.
1	Soil mini testing lab	3

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			
60	-	60	605	10	nil

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	200	5	Mr. Ashish Thakare Mrs. Bharati mahananda Madhab Ku Sai Satya Narayan Bhue Gopal Bag	200	200

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

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

3.13. Technology week celebration

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

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N): 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/ZilaSabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
7.6.17	Dr Manoranjan Mohapatra, Dr. S.K. Mohanty,Dr. Jyoti Naik	To participate in Orientation Training programme on Gender friendly Farm tools in Paddy
28.7.17	Dr Manoranjan Mohapatra	To chair the 10th SAC meeting
30.8.17	Dr. Subash Chandra Mohapatra	To Participate in Sampark Se Siddhi Programme
5.12.17	Sj Madhab Sai	To Participate in World soil Day as representative of ICAR
8.2.18	Dr Manoranjan Mohapatra,Dr. J.N. Mishra	To participate in Learning Workshop on gender friendly Farm tools
12.2.18	Dr.P.K Dey	Monitoring cluster demonstration on Oilseed & Pulses
13.3.18	Hon:ble V.C.Dr. S.S. Pasupalk	Monitoring and Review 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)

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

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

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Dairy project under DEDS
Name & complete address of the entrepreneur	Priyadarshini Mahala,Champabati Karmi,Sanjulata Mahala,Geeta Mahala,Bhanumati Karmi,Sailendri Karmi,Damayanti Padhan,Kamala Karmi,Mathura Mahala,Dibyabharati Padhan,Subidha Karmi,Janaki Karmi
Role of KVK with quantitative data support:	KVK has written a letter to DCCB, Bolangir with a request to facilitate loan to these entrepreneurs with project details of these farmwomen
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):	Preparing Cowshed.
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

5.2. List of special programmes undertaken during 2017-18by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Non Recurring Items		Mar 2018	ICAR	3,00,000

(b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Gender friendly farm tools	Create awareness about drudgery reducing farm implements in paddy among WSHGs.	7.6.17	Water shed Mission	3,08,000
IRRI	MLT of stress tolerant paddy varieties	12.8.17		30,000

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Nutritional garden			cowpea		15kg	3912	300	
2.				Okra		17 kg		340	
3.				Cauliflower		30kg		450	
4.				cabbage		30 kg		450	
5.				onion					
6.	Poly house	2011	99	papaya		350 no.	17935.45	7000	
7.				onion		249000		37350	
				tomato		5000 no.		10000	
	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	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.					

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

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds) N.A

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

(For whole of the year)

6.6. Utilization of staff quarters

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

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current Account	SBI, Bolangir	Bhagirathi Chowk	30966088644
Current Account	SBI, ADB, Bolangir	College Chowk	31149194881

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	
Groundnut	340000		323000		
Sunflower		NIL		60000	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	
Arhar	148800		141300		
Greengram		NIL		223800	
Chickpea		150000		150000	

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	59.00	Available with Comptroller	Available with Comptroller
2	Traveling allowances	01.20	01.20	01.20
3	Contingencies			
A	Stationery, Telephone, postage and other office charges			
B	POL, repair of vehicle, tractor and equipment	03.25		371897
C	Training of farmers			
D	Training materials (posters, charts, demonstration material including chemicals etc. required for conduction the training	03.00		
E	Training of Extension functionaries			
F	Training of Rural youth			386830
G	Frontline demonstration (minimum of 100 demonstration I a year)	02.00		85812
H	On-farm testing (on need based, location specific and newly generated information in major production systems of the year	01.00		79261
I	Soil & Water testing lab.			
J	Swatchta Expenditure			
TOTAL (A)		69.45		10,43,000
B. Non-Recurring Contingencies				
1	Works()			
2	Vehicle()			
3	Equipments, Furniture and furnishing	03.00	03.00	03.00
4	Library			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		72.45		13,43,000
Others				
Oilseed Pulses		9.25	6.38	8.981
Sankalp Se Siddhi		0.8	0.766	0.766

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	313859	856270	570468	699661.00 + 366152 (Kind)
2016-17	699661	229578	377959	17280.00 + 415840 (Kind)
2017-18	17280	794131 (Including Rs..200000 received from DEE as seed money)	504912.45	306498.55 + 583680 (Kind) (KIND of Rs.2,28,552/- of the year year 2015-16 remained outstanding at OSSC)

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

7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	With both

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 : NA

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:NA

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

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

Type of message	No. of messages	No. of farmers covered
Crop	43	15132
Livestock	21	15132
Fishery	8	15132
Weather	21	15132
Marketing	18	15132
Awareness	9	15132
Training information	20	15132
Other	4	15132
Total	144	15132

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*4326*
2.	No. of farmers registered in the portal	*15135*
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
17.09.2017,	Celebration of Sewa Diwas by cleaning Office premises
24.09.2017	Celebration of Samagra swachhata Diwas, by Performing Shramdan in developing proper toilet facility
25.09.2017	Celebration of Sarwatra Swachhta by cleaning a public place like Park etc.
1.10.2017	Celebration of Swachhta of nearby tourist spots

b. Details of Swachhta activities with expenditure NIL

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		Nil
2. Basic maintenance		Nil
3. Sanitation and SBM		Nil
4. Cleaning and beautification of surrounding areas	6	Nil
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		Nil
6. Used water for agriculture/		Nil

horticulture application		
7. Swachhta Awareness at local level	5	Nil
8. Swachhta Workshops	4	Nil
9. Swachhta Pledge		Nil
10. Display and Banner	5	Nil
11. Foster healthy competition	2	Nil
12. Involvement of print and electronic media		Nil
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	5	Nil
14. No of Staff members involved in the activities	10	Nil
15. No of VIP/VVIPs involved in the activities	-	Nil
16. Any other specific activity (in details)		Nil
Total		

9.6. Observation of National Science day

Date of Observation	Activities undertaken
3.12.17	Essay competition, debate competition, students-scientists interaction.

9.7. Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants
NIL		

9.8. Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Upper primary school Banabahal		Banabahal	Blackboard,projector,Drawing sheet
Upper primary school Uparjhar		Uparjhar	Blackboard,projector,Drawing sheet

Give good quality 1-2 photograph(s)

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
30th August, 2018	-	-	-	1	1	1	3	200	50	250	Yes	yes

9.10. Details of Swachhta Hi Sewaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Celebration of Sewa Diwas, Celebration of Samagra swachhata Diwas, Celebration of Sarwatra Swachhta by cleaning a public place, Celebration of Swachhta of nearby tourist spots	4	68	-	-

9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Drawing competition, essay competition and interaction with the scientist and line department were organised	1	40	Nil	-

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	Sanjay mahakud	Village: Karlapeta, Bolangir 9938094987	IFS
2	Anadi Padhan	Village: Dhauradadar, Agalpur 9668249992	Trailis system of watermelon
3	Udaya Naik	Village: Bargaon, Bolangir 9938732203	All season cultivation of sweet corn
4	Hemakanti Meher	Village:Kaudia, Patnagarh-8018035133	Production of oyster mushroom by loose straw
5	Angad Biswal	Village:Dhaunradadar, Loisingha-9668736670	Integrated Farming System
6	Jayaram Meher	Village:Kaudia,Patnagarh, -9937980234	Broccoli cultivation
7	Pradumna Teji	Village:Magurbeda, Loisingha-9937623894	Relay cropping of Pointedgourd in single trellis system
8	Omprakas Meher	Village:Tarabha, Bolangir-9692016440	Production of Oyster mushroom by using waste Newspaper substrate
9	Satyabrata Thati	Village:Banbahal, Bolangir-8658942615	Floriculture
10	Mukunda Badhei	Village:Magurbeda, Loisingha-9439875271	Onion storage structure

9.13.HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Training cum orientation	1day	Swagatika Srichandan	Scientist(Hort)	ATARI, Kolkata
Write shop	3days	Swagatika Srichandan	Scientist(Hort)	DEE, OUAT
Cutting edge technology	3days	Swagatika Srichandan	Scientist(Hort)	DEE, OUAT
Workshop on enhancing out reach of agro advisory services to farmers of Odisha	1 day	Sasmita purohit	Scientist(HSc)	IMAGE,BBSR
Workshop on Gender friendly farm tools in Paddy	1 day	Sasmita purohit	Scientist(HSc)	CIWA,,BBSR
Training cum Orientation	1 day	Kamalakanta Behera	Scientist(Ag.Extn.)	ATARI, Kolkata
CFLD Workshop	1 day	Kamalakanta Behera	Scientist(Ag.Extn.)	ATARI, Kolkata

9.14. Revenue generation

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

9.15. Resource Generation:

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

9.16. Performance of Automatic Weather Station in KVK : N.A

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

9.17. Contingent crop planning

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

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

a) Year:N.A
b) Introduction / General Information:

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

11. Details of TSP: N.A

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

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

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

c. Achievements of physical outcomeunder TSP during 2017-18

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

d. Location and Beneficiary Details during 2017-18

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

12.Progress report of NICRA KVK (Technology Demonstration component) during the period

(Applicable for KVKs identified under NICRA)

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK:NIL

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 farmer on the occasion of OUAT Foundation Day	Bihari Swain	2017-18	OUAT	-	Crop Diversification
2	Best farm women On Mahila Kisan Diwas	Sairendri Patel	2017-18	KVK	-	Drawing competition
3	On Mahila Kisan Diwas	Nabhasini Patel	2017-18	KVK	-	Essay competition
4	On Mahila Kisan Diwas	Nilakanti Naik	2017-18	KVK		Drawing competition
5	On Mahila Kisan Diwas	Sairendri Patel	2017-18	KVK		Drawing competition
6	On Mahila Kisan Diwas	Dileswari Bishi	2017-18	KVK		Essay competition
7	On Mahila Kisan Diwas	Arundhati Patel	2017-18	KVK		Debate competion
8	Orientation training programme on Gender friendly farm tools	Kumidini Bishi	2017-18	KVK		Quiz competition on the knowledge of gender friendly farm tools
9	Orientation training programme on Gender friendly farm tools	Padma Munda	2017-18	KVK		Quiz competition on the knowledge of gender friendly farm tools
10	Orientation training programme on Gender friendly farm tools	Pravasini Naik	2017-18	KVK		Quiz competition on the knowledge of gender friendly farm tools
11		Satyabrata Thati	2017-18	NRRI,Cuttack		Best Enterpreneur

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
-	--	-	-	-	-	-	-	-

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16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Fruit orchard	0.5	-	-	25,500	11	

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3-5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					
2					

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

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	43	500	24.3.18	Farmers and Farm women	Survey
II (up-to 24.04.218)	1792	17920	24.4.18		
Total	1792	17920			

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

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

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