# PROFORMA FOR ANNUAL REPORT2017-18 (April 2017to March 2018)

## 1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra, At/Po- Sakhigopal, Dist- Puri, Pin- 752014, Odisha	Office	FAX	
	06752273960	06752273960	<u>kvkpuri.ouat@gmail.com,</u> <u>purikvk@yahoo.co.in</u>

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

Address	Telephone		E mail
	Office	FAX	
Orissa University of	(0674)-		registrarouat@gmail.com
Agriculture & Technology	2397970/		
Bhubaneswar-751003 Odisha,	2397818/		
India.	2397719/		
	2397669 /		
	2397719 /		
	2397919 /		
	2397868		

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

Name	Telephone / Contact					
	Residence	Mobile	Email			
Dr.Sanjay Kumar Mohanty	-	9437368659	sanjay.mohanty139@gmail.com			

1.4. Year of sanction of KVK: 2006

	1.5. Staff Position (	as on 1 <sup>st</sup> April, 2018)						
Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme	Dr.Sanjay Kumar Mohanty	Senior Scientist & Head	Entomology	15600-39100	15.09.17	Regular	Others
2	Subject Matter Specialist	Vacant					Regular	Others
3	Subject Matter Specialist	Sri Samarendra Barala	Scientist(PP)	Plant Protection	15600-39100	19.01.11	Regular	Others
4	Subject Matter Specialist	Mrs.Jyotirmayee Udgata	Scientist( H.Sc.)	Home Science	15600-39100	19.6.16	Regular	Others
5	Subject Matter Specialist	Dr.Sangram Paramaguru	Scientist( Agril. Extn)	Agril. Extn.	15600-39100	1.5.11	Regular	Others
6	Subject Matter Specialist	Dr.Sidhartha Ranabijuli	Scientist(A.Sc.)	Animal Science	15600-39100	12.12.12	Regular	Others
7	Subject Matter Specialist	Sri Sukumar Taria	Scientist( Plant Sc)	Plant physiology	15600-39100	15.06.2015	Regular	SC
8	Programme Assistant	Sri Pradipta Majhi	Prog.Asst(S.Sc)	Soil Sc.	9300-34800	28.12.15	Regular	Others
9	Computer Programmer	Mrs Puspanjali Mishra	Prog.Asst(Comp.)	Computer	9300-34800	17.08.15	Regular	Others
10	Farm Manager	Mrs Neeva Mohapatra	Farm Manager	Plant physiology	9300-34800	29.12.15	Regular	Others
11	Accountant / Superintendent	Sri Bhagirathi Sahoo	Section Officer	-	9300-34800	12.07.16	Regular	Others
12	Stenographer	Sri Bibhu prasad Dash	Steno cum computer operartor	-	5200-20200	1.8.12	Regular	Others
13.	Driver	Sri Nirakar Pradhan	Driver cum Mechanic		5200-20200	1.09.15	Regular	Others
14.	Driver	Sri Jitendra Pradhan	Driver cum Mechanic		5200-20200	12.08.16	Regular	Others
15.	Supporting staff	Sri Babaji Sethi	Peon cum Watchman		4440-7440	7.8.08	Regular	SC
16.	Supporting staff	Sri Brajabandhu Sahani	Peon cum Watchman		4440-7440	8.8.08	Regular	Others

### 1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	Admin building 0.0258, Farmers' hostel-
		0.0305
2.	Under Demonstration Units	0.0081
3.	Under Crops	13
4.	Orchard/Agro-forestry	0
5.	Others with details Pond	0.32
	Road & unutilized	2.61
	Total	16

:

Total area should be matched with breakup

## 1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of	Not yet started	Completed up to	Completed up	Completed up	Totally	Plinth area	Under use or	Source of funding
	infrastructure		plinth level	to lintel level	to roof level	completed	(sq.m)	not*	
1.	Administrative								ICAR
	Building	-							
2.	Farmers Hostel	$\checkmark$							ICAR
3.	Staff Quarters (6)	Nil							
4.	Piggery unit	Nil							
5	Fencing	Yes							RKVY
6	Rain Water harvesting structure	Nil							
7	Threshing floor	Nil							
8	Farm godown	Nil							
9.	Dairy unit				$\checkmark$				ICAR
10.	Poultry unit								ICAR
11.	Goatary unit	Nil							
12.	Mushroom Lab	Nil							

13.	Mushroom production	Nil				
	unit					
14.	Shade house	Nil				
15.	Soil test Lab	Mridaparishyak				ICAR
		Mini Kit				
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
TATA SUMO-	2007	450000	211937	Running
OR02AN0809				
Tractor & Trolly-	2007	500000	1196 (hr)	Running
OR02AN5687/5688				
Bike (Passion Pro)-	2010	48000	35620	Running
OR13F2157				

C) Equipment & AV aids

Name of equipment	Year of purchase	Year of purchase Cost (Rs.)		Source of fund
a. Lab equipment	· · ·			-
Mridaparishyak Mini Kit	2015	75000	Working	ICAR
Mridaparishyak Mini Kit	2016	86000	Working	ICAR
b. Farm machinery				
Brush cutter	2016	25000	Working	ICAR
Power tiller	2016	155500	Working	ICAR
Power reaper	2016	116134	Working	ICAR
Diesel pumpset	2016	23000	Working	ICAR

Axial flow thresher	2016	14100	Working	ICAR
Zero till drill machine (3 row)	2012	20000	Working	ICAR
Zero till seed cum fertilizer drill	2012	47500	Working	ICAR
c.AV Aids				
Computer (Desktop 3no)	2010,2012,2018			
Laptop (2no)	2006 2018		Working (No Battery backup Working	ICAR
LCD Projector (2no)	2006 2018		Repairable Working	ICAR
Projector Screen (2No)	2006 2018		Working	ICAR
Sound system 1no	2006		Working	ICAR

### D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Phowrah	2017	440	Working	ICAR
Sickle	2017	220	Working	ICAR
Crowbar	2017	750	Working	ICAR
Gaintee	2017	300	Working	ICAR
Katuri	2017	375	Working	ICAR
Handhow	2017	160	Working	ICAR
Kodi	2017	350	Working	ICAR

2017	300	Working	ICAR
2017	330	Working	ICAR
2017	220	Working	ICAR
2017	390	Working	ICAR
2015	200	Working	ICAR
2015	640	Working	ICAR
2017	190	Working	ICAR
2017	160	Working	ICAR
	2017 2017 2017 2017 2017 2015 2015 2015 2017 2017 2017	2017     300       2017     330       2017     220       2017     220       2017     390       2015     200       2015     640       2017     190       2017     160	2017       300       Working         2017       330       Working         2017       220       Working         2017       390       Working         2015       200       Working         2015       640       Working         2017       190       Working         2017       160       Working

# 1.8. Details SAC meeting\* conducted in the year

Sl.No.	Date	Number of	Salient Recommendations	Action taken	If not conducted,
1.	12.12.17	30	Documentation to be made on adoption and spread of technology which has been implemented by KVK	Adoption and spread of various intervention has been documented.	state reason
			Importance to be given for pulse crops popularization in the district	<ul> <li>Blackgram (Naha biri) production was taken up in Kharif-2017 in KVK farm</li> <li>Arhar var. LRG-42 bund plantation was taken up to woo visiting farmers for adoption in all over the district.</li> <li>The Promising Blackgram Var PU-35 has been proposed to be cultivated in under cluster demonstration in 30 ha land in</li> </ul>	

		7
	<ul> <li>Rabi 2017-18.</li> <li>YMV resistance green gram variety IPM 02-03 has been planned under cluster demonstration in 30 ha area.</li> <li>OFT has been conducted on mechanical storage of pulses.</li> </ul>	
Promotion of Soil test based and climate resilient based activities	Soil and water test based activities         a. 200 no. of grid soil samples was tested involving 1135         beneficiaries and soil health cards have been distributed thereof         b. 5 quintals Dhanicha seed was produced and distributed among farmers.         c. Demonstration of LCC was conducted.         Climate resilient based activities         a. Trial on flood tolerant paddy var. Bina-11 and Swarna sub-1 was conducted in KVK farm.         b. Offseason fish seed production was done in KVK farm.         c. OFT on winter paddy straw mushroom was conducted var. V. bombyssina.         d. Demonstration of mushroom strains OSM-11 and OSM-12 thermophilic strain was conducted.         e. Three salinity tolerant paddy - Lunishree, Luna Sampad, Luna Subarana was assessed.         f. Demonstration of Paddy variety Swarna Sub-1 has been conducted in flash flood affected areas.         g. Demonstration of alternating	

wetting and drying methodology in paddy was demonstrated to increase WUE in Brahmagiri block.         R meeting is being conducted in 3 <sup>rd</sup> Tuesday of each month involving all the line departments, bankers, NGOs to develop 5 modules villages through convergence.         KVK scientists are sharing latest tech. knowledge in workshop being organized by state line departments.         Monitoring of BGREI, ATMA, NFSM, NHM, Potato mission, Nursery verification activities in collaboration with the dept. of agriculture. And horticulture.         KVK scientists are participating as resource person to various developmental programmes of state line department and NGOs.         Organizing animal Health Camps in convergence with ARD.         Celebration of PMFBY, World Soil Day and farmers fair in association with line dept. and allied sectors.         District administration-SHG Skill training, Pradhammantri Ujala Yojana, Gramodaya se Bharat
Yojana, Gramodaya se Bharat
Uday (Palli sabha).       ICAR-MGMG, Field day       Development of IFS and demo unit in the       Established pond based IFS and

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	Nursery pond, fish and Ornamental fish Vermicomposting , Mushroom production Vegetable nursery Medicinal garden Azolla, Apiary Ridge and furrow method of cultivation Fodder	
Post harvest and Value addition activities on vegetables and fisheries	<ul> <li>Skill development training on fruits and vegetables was conducted in association with DSMS, DRDA and Food &amp; Nutrition Board, GOI, MoWCD., Bhubaneswar.</li> <li>Dry fish production from local fish has been conducted in KVK campus.</li> </ul>	
Celebration of KVK Foundation day to promote progressive farmers of the district	<ul> <li>KVK Foundation day was celebrated first time at KVK campus on dt.06.07.2017.</li> <li>The progressive farmers from different blocks participated and shared their views in the meeting.</li> </ul>	
Consultation with concerned experts like project leaders, departmental heads and scientists of OUAT before finalizing treatments for OFT. Promotion of YMV resistant pulse varieties instead of promoting wilt management	<ul> <li>&gt; OFTs have been formulated in consultation with concerned department head followed by 3 tier presentation for modification.</li> <li>&gt; Screening of 146 varieties local recess of Greengram and 46</li> </ul>	
To give emphasis on floriculture and planting material production.	<ul> <li>Faces of Greengram and 40 blackgram varieties have been conducted.</li> <li>Vocational training on floriculture and FLD on marigold has been conduted.</li> </ul>	

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To conduct programme on value addition	<ul><li>Vocational training conducted</li></ul>	
of coconut.		
To promote salinity tolerant new paddy	➢ OFT saline tolerant new paddy	
varieties in Astarang, Gop & Krushna	variety- Lunishree, Luna Sampad,	
Prasad blocks of the district.	Luna Subarna	
Selection of awardee farmer to be done by	➢ Mr. Krushna das was awarded in	
a committee involving line departments.	OUAT foundation day.	

\* Salient recommendation of SAC in bullet form

## Attach a copy of SAC proceedings along with list of participants

## PROCEEDINGS OF THE 13<sup>th</sup> SCIENTIFIC ADVISORY COMMITTEE

#### **MEETING OF KVK, PURI**

The 13<sup>th</sup> SAC meeting of KVK Puri was organized on dt.12.12.2017 at KVK campus.

Dr. V. P. Chahal, ADG (AE), ICAR, New Delhi graced the occasion as chief guest. The meeting was chaired by Dr. M.P.Nayak, JDE, OUAT, Bhubaneswar. The meeting was attended by Dr P.P.Pal, Principal Scientist, ICAR, ATARI, Kolkata, Prof. M. Mishra, ADR, RRTTS, Coastal Zone, Bhubaneswar, DDA & P.D. ATMA, Puri and all the line department officials, Representatives from KVK, CIFA and KVK Jagatsinghpur along with farmers, farm women, NGO representatives, media persons and others. After a brief presentation on action taken report of last SAC meeting as well as achievements of the KVK during last one year by Dr.S.K.Mohanty, Senior Scientist and Head, KVK, Puri, the SAC members actively participated in the discussion on various issues of agriculture development. During the course of discussion, the issues like Boro rice cultivation, YMV tolerant pulse varieties, seed availability of salinity tolerant rice varieties, entrepreneurship development in mushroom cultivation and apiary, convergence among all stakeholders, marketing strategy, collective farming and formation of FPO etc. came up for immediate attention of the policy makers of the district and the SAU. Dr. Chahal highlighted various ongoing schemes of GOI, like doubling farmers' income, skill development training etc. He highly appreciated the Convergence activities of district line departments and KVK. The members and dignitaries appreciated the efforts of KVK, Puri in developing farming community through agriculture and allied means. However infrastructure status, as felt by the members needs to be improved at the earliest for effective discharge of duties by the KVK, Scientists. The meeting was ended with votes of thanks to all the delegates and members of the SAC.

### Agenda 1: Approval of the proceedings of last SAC meeting.

The Senior Scientist and Head, KVK, Puri presented the proceedings and action taken of 11<sup>th</sup> SAC meeting in brief.

Recommendations /Suggestions	Action Taken
Documentation to be made on adoption and spread of technology which has been implemented by KVK	Adoption and spread of various intervention has been documented.
Importance to be given for pulse crops popularization in the district	<ul> <li>Blackgram (Naha biri) production was taken up in Kharif-2017 in KVK farm</li> <li>Arhar <i>var.</i> LRG-42 bund plantation was taken up to woo visiting farmers for adoption in all over the district.</li> <li>The Promising Blackgram Var PU-35 has been proposed to be cultivated in under cluster demonstration in 30 ha land in Rabi 2017-18.</li> <li>YMV resistance green gram variety IPM 02-03 has been planned under cluster demonstration in 30 ha area.</li> <li>OFT has been conducted on mechanical storage of pulses.</li> </ul>

### XII<sup>th</sup> Scientific Advisory Committee Meeting held on 03.12.2016

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Promotion of Soil test based and climate resilient based activities	<ul> <li>Soil and water test based activities</li> <li>d. 200 no. of grid soil samples was tested involving 1135 beneficiaries and soil health cards have been distributed thereof</li> <li>e. 5 quintals Dhanicha seed was produced and distributed among farmers.</li> <li>f. Demonstration of LCC was conducted.</li> <li>Climate resilient based activities</li> <li>h. Trial on flood tolerant paddy var. Bina-11 and Swarna sub-1 was conducted in KVK farm.</li> <li>i. Offseason fish seed production was done in KVK farm.</li> <li>j. OFT on winter paddy straw mushroom was conducted var. <i>V. bombyssina</i>.</li> <li>k. Demonstration of mushroom strains OSM-11 and OSM-12 thermophilic strain was conducted.</li> <li>l. Three salinity tolerant paddy - Lunishree, Luna Sampad, Luna Subarana was assessed.</li> <li>m. Demonstration of Paddy variety Swarna Sub-1 has been conducted in flash flood affected areas.</li> <li>n. Demonstration of alternating wetting and drying methodology in paddy was</li> </ul>
Convergence of activities with line department and district administration	<ul> <li>RE meeting is being conducted in 3<sup>rd</sup> Tuesday of each month involving all the line departments, bankers, NGOs to develop 5 modules villages through convergence.</li> <li>KVK scientists are sharing latest tech. knowledge in workshop being organized by state line departments.</li> <li>Monitoring of BGREI, ATMA, NFSM, NHM, Potato mission, Nursery verification activities in collaboration with the dept. of agriculture. And horticulture.</li> <li>KVK scientists are participating as resource person to various developmental programmes of state line department and NGOs.</li> <li>Organizing animal Health Camps in convergence with ARD.</li> <li>Celebration of PMFBY, World Soil Day and farmers fair in association with line dept. and allied sectors.</li> <li>District administration-SHG Skill training, Pradhanmantri Ujala Yojana Gramodaya se Bharat Uday (Palli sabha).</li> <li>ICAR-MGMG, Field day</li> </ul>

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Development of IFS and demo unit in the KVK campus	<ul> <li>Established pond based IFS and different demo units in KVK farm Nursery pond, fish and Ornamental fish Vermicomposting , Mushroom production Vegetable nursery Medicinal garden Azolla, Apiary Ridge and furrow method of cultivation Fodder</li> </ul>
Post harvest and Value addition activities on vegetables and fisheries	<ul> <li>Skill development training on fruits and vegetables was conducted in association with DSMS, DRDA and Food &amp; Nutrition Board, GOI, MoWCD., Bhubaneswar.</li> <li>Dry fish production from local fish has been conducted in KVK campus.</li> </ul>
Celebration of KVK Foundation day to promote progressive farmers of the district	<ul> <li>KVK Foundation day was celebrated first time at KVK campus on dt.06.07.2017.</li> <li>The progressive farmers from different blocks participated and shared their views in the meeting.</li> </ul>
Consultation with concerned experts like project leaders, departmental heads and scientists of OUAT before finalizing treatments for OFT.	OFTs have been formulated in consultation with concerned department head followed by 3 tier presentation for modification.
Promotion of YMV resistant pulse varieties instead of promoting wilt management practices.	Screening of 146 varieties local races of Greengram and 46 blackgram varieties have been conducted.
To give emphasis on floriculture and planting material production.	<ul> <li>Vocational training on floriculture and FLD on marigold has been conduted.</li> </ul>
To conduct programme on value addition of coconut.	<ul> <li>Vocational training conducted</li> </ul>
To promote salinity tolerant new paddy varieties in Astarang, Gop & Krushna Prasad blocks of the district.	OFT saline tolerant new paddy variety- Lunishree, Luna Sampad, Luna Subarna
Selection of awardee farmer to be done by a committee involving line departments.	Mr. Krushna das was awarded in OUAT foundation day.

The Senior Scientist and Head of KVK, Dr. Sanjay Kumar Mohanty presented the overall achievements made by the KVK during the year 2016-17 and Kharif 2017 including mass dissemination by KMA, Voice message, message in newspaper etc. He presented about promotion of different progressive farmers in different forum, soil health card activities and farm activities.

### Agenda 3: Action Plan for 2017-18.

Dr. Sanjay Kumar Mohanty presented the detailed action plan for the year 2017-18 during Rabi season.

Then the chairman requested the SAC members and farmer/farmwomen representatives for their suggestions and pertinent solutions to the prevalent problems in the district in convergence mode. The suggestions of SAC members are as follows:-

#### Asst.Director General, ICAR,New Delhi

- Emphasis on Convergence of all developmental line departments
- > Development of case studies of successful farmers/farmwomen with process documentation
- > Organizing long duration skill development trainings for farmers/farmwomen
- Documentation and validation of farmers' innovations
- Developing entrepreneurs with bank linkage
- Stress on formation of organic farmers' company registered under company act
- Highly appreciated the Convergence activities of district line departments and KVK. Also appreciated the farmwomen involvement in entrepreneurial activities like mushroom and Honey Bee and advised to help them in finding quality mushroom spawns.

#### Principal Scientist (Agril.Extn.)ATARI, Kolkata

- Emphasis on entrepreneurship development.
- Stres should be given on market led production
- > Appreciated the convergence activities

#### Joint Director Extension, Information, DEE, OUAT -

- > Bridge the gap between technology generation centre and end users
- To evaluate vermicomposting with coir pith, IFS module ,IPM in brinjal, IPM in chilli, IPM in okra, yield performance of mushroom in threshed paddy straw, sunken and raised bed module for water logged areas, cut flowers and foliages in green shade net, YMV tolerant green gram varieties, groundnut varieties through STER project supported by ATMA in KVK campus.
- > To develop good exchange mechanism of Rabi & Kharif groundnut for seed availability during Kharif
- > To assess the yield performance of mushroom in threshed paddy straw in farmers field

#### Associate Director of Research, OUAT, RRTTS, Coastal Zone, BBSR

> Formation of farmers co operative.

#### **Deputy Director Agriculture, Puri**

- > Assessment of different INM and IPM practices in Boro Rice in Kanasa and Brahmagiri block
- > Assessment of BPH & Mite resistant varieties of paddy
- Assessment of YMV tolerant greengram varieties

#### Sub Divisional Veterinary Officer, Puri

- Stress on fodder cultivation
- Awareness programme on mastitis management in cattle

#### Farmer Representatives-

Farmers, farmwomen representatives Mr. Dilip Baral, Mr. Madaan Mohan Dalei ,Mrs. Laxmi Sethi and Mrs.Ranjana Biswal shared their experiences on different farm activities and demanded facilities like

- Marketing linkage
- > Availability of whole paddy straw for mushroom
- > Project proposal writing
- > Availability of fish fingerling
- > Disease management of fish during winter

Chairman thanked all the members for their participation, fruitful discussions. The members and dignitaries appreciated the efforts of KVK, Puri in developing farming community through agriculture and allied means. However infrastructure status, as felt by the members needs to be improved at the earliest for effective discharge of duties by the KVK, Scientists.

During the day, eight number of publications in vernacular were released by the dignitaries for the benefit of the common farmers. The important publications were Honey bee rearing, Banana cultivation, nutrient deficiency symptoms and their management in different crops etc.

#### The recommendations of SAC are as follows:

- > Emphasis to be on Convergence of all developmental line departments
- > Development of case studies of successful farmers/farmwomen with process documentation
- > Organizing long duration skill development trainings for farmers/farmwomen
- Documentation and validation of farmers' innovations
- Developing entrepreneurs with bank linkage
- > To evaluate vermicomposting with coir pith, IFS module, IPM in brinjal, IPM in chilli, IPM in okra, yield performance of mushroom in threshed paddy straw, sunken and raised bed module for water logged areas, cut flowers and foliages in green shade net, YMV tolerant green gram varieties, groundnut varieties through STER project supported by ATMA in KVK campus.
- > To develop good exchange mechanism of Rabi & Kharif groundnut for seed availability during Kharif
- > To assess the yield performance of mushroom in threshed paddy straw in farmers field
- > Assessment of different INM and IPM practices in Boro Rice in Kanasa and Brahmagiri block
- > Assessment of BPH & Mite resistant varieties of paddy
- > Assessment of YMV tolerant greengram varieties
- Stress on fodder cultivation
- Awareness programme on mastitis management in cattle

The meeting ended at 2.30 PM with vote of thanks by Dr. Jyotirmayee Udgata, Scientist (H.Sc.).

Dr. Sanjay Kumar Mohanty Senior Scientist & Head, KVK, Puri Member Secretary, SAC

Dean, Extension Education, OUAT Chairman, SAC, KVK, Puri

#### Annexure

#### List of participants with address and status in the meeting

Sl	Name of the participant	Designation with address	Status
No.			
1	Prof. P.N.Jagadev	Dean, Extension Education, OUAT, BBSR	Chairman
2	Prof. Pravat Sarangi	ADR, RRTTS, Coastal Zone, Bhubaneswar	Member
3	MrS.Chandrasekhar Rao	Deputy Director of Agriculture, Puri	Member
4	Mr. Nabakishore Tad	Deputy Director of Horticulture, Puri	Member
5	Mr. Sarat Chandra Sahoo	S.D.O, Irrigation Dept. Sakhigopala	Member
6	Mr. Bibhuti Bh. Harichndan	Soil conservation officer, Puri	Member
7	Mr. Manoranjan Mahapatra	Fishery Officer, Puri	Member
8	Mrs. Sandhyarani Das	District social welfare officer, Puri	Member
9.	Sri Kailash Chandra Sahoo	Progressive Farmer	Member
10	Sri Bhagirathi Barik	Progressive Farmer	Member
11	Mrs. Ranji Biswal	Farm Women	Member
12	Mrs. Jyotirmayee Udgata	Scientist, Home Science	Nominated
			Member
13	Mrs. Binapani Mishra	Secretary, SWAD, NGO	Invited
			Member
14	Dr. Anil Kumar Swain	Senior Scientist and Head, KVK, Puri	Member
			Secretary
15	Sri Samarendra Baral	Scientist (Plant Protection), KVK, Puri	Invitee
16	Dr. Sangram Paramaguru	Scientist (Ag. Extension), KVK, Puri	Invitee
17	Dr. Siddharth Ranabijui	Scientist (Animal Science), KVK, Puri	Invitee
18	Sri Sukumar Taria	Scientist (Plant Science), KVK, Puri	Invitee
19	Sri Pradipta Majhi	Programme Assistant(Soil Sc.)KVK, Puri	Invitee
20	Mrs. Puspanjali Mishra	Programme Assistant(Computer)	Invitee
21	Mrs. Neeva Mahapatra	Farm Manager, KVK, Puri	Invitee
22	Mr. Sholesh Kumar Das	BTM, FIAC, Satyabadi	Invitee
23	Bibhuti Bhusan Pradhan	A.T.M, Satyabadi	Invitee

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

Sl. Item

no.		
1	Major Farming system/enterprise	Paddy ,Pulses, oilseeds, vegetable(Okra, Brinjal,Tomato, Patato), Fruit
		(Coconut, Mango, Banana) Betelvine, Dairy, Fishery( inland , Marine),
		Poultry, goat
2	Agro-climatic Zone	East and South Eastern Coastal Plain Zone
3	Agro ecological situation	1. Coastal Alluvial Command
		2. Coastal Alluvial Non-command
		3. Coastal Alluvial Saline
		4. Rainfed Laterite
		5. Rainfed Red and Laterite
4	Soil type	Red, laterite, brown forest, alluvial and saline
5	Productivity of major 2-3 crops under cereals, pulses,	Paddy- 26.88
	oilseeds, vegetables, fruits and others	Pulse- 2.50
		Oilseed- 18.78
		Vegetables-85.29
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like milk, egg,	Milk- 116.5 TMT
	meat etc.	Meat- (Poultry) -3.046 TMT
		Meat (Sheep,Goat)- 2.235 TMT
		Egg – 17.09 Million

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
		Satyabadi	Otrkera, Mathasahi, Biragobindapur, Jaypur, Atheisa, Basudeipur, Panchukera, Banapur, Sandrasasan, Gualigorada	<ol> <li>Paddy</li> <li>Pulse</li> <li>Vegetable</li> <li>Coconut</li> <li>Banana</li> <li>Dairy</li> <li>Poultry</li> <li>Goat</li> <li>Inland fishery</li> <li>Mushroom</li> <li>Apiary</li> </ol>	<ol> <li>Low yield, disease, pest, weeds, submergence/ flood tolerant</li> <li>Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals</li> <li>Low yield, lack of high yielding variety, unavailability of planting material, disease pest &amp; weeds</li> <li>Lack of INM and management</li> <li>Low yield, Sigatoka, Panama wilt, fruit &amp; shoot borer</li> <li>Lack of fodder, proper nutrition, costly feed, disease, parasite</li> <li>Local breed with low output, disease</li> <li>Inbreeding, faulty buck /kid/ doe management, nutrition, disease &amp; parasite</li> <li>Pond management, unavailability of quality fish seed, high feed cost, low productivity</li> <li>Low yield, spawn, straw unavailability, no round the year production, hygiene</li> <li>Unutilised orchard inter space, lack of awareness on enterprise</li> </ol>	<ul> <li>Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM</li> <li>Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals</li> <li>Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management</li> <li>Coconut- INM, Pest management</li> <li>Banana- HYV tissue culture , IDM, IPM, INM, IWM</li> <li>Integrated fish farming and fish health management</li> <li>Feeding and Health management of dairy animals and small ruminants</li> <li>Profitable dairy and goat farming</li> <li>Commercial and backyard poultry farming</li> <li>Commercial floriculture and organic farming</li> <li>Farm mechanization for timely operation and save high Labour cost</li> <li>Value addition to fruits, vegetables, milk and low cost marine fish and prawn</li> <li>Profitable poultry and duckery</li> <li>Fish seed production in small ponds</li> <li>Fish production in low saline coastal zone</li> <li>Aquatic weed infested pond</li> <li>Inland Water Bodies for multiple production</li> <li>Resources for multiple cropping</li> <li>Coconut orchard for intercrop</li> <li>Promotion of coir industry</li> <li>Promotion of agro eco tourism</li> <li>Promotion of brackish water prawn export</li> <li>Organic farming</li> </ul>

Pipili Ad Da ur, Du Sa Ku	Adangapada, Dandamukundap r, Matiapada, Dumukipur, araswatipur, Cumareswar 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary	<ol> <li>Low yield, disease, pest, weeds, submergence/ flood tolerant</li> <li>Low yield, disease pest, lack of INM, IDM, IPM, Biopesticide/agents, soil salinity, indiscriminate use of chemicals</li> <li>Low yield, lack of high yielding variety, unavailability of planting material, disease pest &amp; weeds</li> <li>Lack of INM and management</li> <li>Low yield, Sigatoka, Panama wilt, fruit &amp; shoot borer</li> <li>Lack of fodder, proper nutrition, costly feed, disease, parasite</li> <li>Local breed with low output, disease</li> <li>Inbreeding, faulty buck /kid/ doe management, nutrition, disease &amp; parasite</li> <li>Pond management, unavailability of quality fish seed, high feed cost, low productivity</li> <li>Low yield, spawn, straw unavailability, no round the year production, hygiene</li> <li>Unutilised orchard inter</li> </ol>	<ul> <li>Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM</li> <li>Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals</li> <li>Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management</li> <li>Coconut- INM, Pest management</li> <li>Banana- HYV tissue culture , IDM, IPM, INM, IWM</li> <li>Integrated fish farming and fish health management</li> <li>Feeding and Health management of dairy animals and small ruminants</li> <li>Profitable dairy and goat farming</li> <li>Commercial and backyard poultry farming</li> <li>Commercial floriculture and organic farming</li> <li>Farm mechanization for timely operation and save high Labour cost</li> <li>Value addition to fruits, vegetables, milk and low cost marine fish and prawn</li> <li>Profitable poultry and duckery</li> <li>Fish seed production in small ponds</li> <li>Fish production in low saline coastal zone</li> <li>Aquatic weed infested pond</li> <li>Inland Water Bodies for multiple production</li> <li>Resources for multiple cropping</li> <li>Coconut orchard for intercrop</li> <li>Promotion of coir industry</li> <li>Promotion of agro eco tourism</li> <li>Promotion of brackish water prawn export</li> <li>Organic farming</li> </ul>

Nimonodo	Conclaur	1 Doddy	1. Low yield, disease, pest. • Paddy-HYV aromatic rice
Nimapada	Gopalpur, Nahatara.	I. Paddy	weeds, submergence/ flood IDM, IPM, INM, IWM
	Gadatorihan,	2. Pulse	tolerant • Pulse - HYV, IDM, IPM, INM, IWM, soil
	Dalabhanapur, Haripur, nuasahi, sahadapada.	3. Vegetable	<ul> <li>2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil</li> <li>Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management</li> </ul>
	naruda,	4. Coconut	salinity ,indiscriminate use of chemicals
	Jagannathpur, Resinga	5. Banana	<ul> <li>Banana- HYV tissue culture, IDM, IPM, INM</li> <li>Low yield, lack of high variety.</li> <li>Banana- HYV tissue culture, IDM, IPM, INM</li> </ul>
		6. Dairy	• Integrated fish farming and fish health unavailability of planting material, disease pest &
		7. Poultry	• Feeding and Health management of dairy animals and small ruminants
		8. Goat	<ul> <li>Profitable dairy and goat farming</li> <li>Low yield, Sigatoka, Panama</li> <li>Commercial and backyard poultry farming</li> </ul>
		9. Inland fishery	<ul> <li>wilt, fruit &amp; shoot borer</li> <li>Lack of fodder, proper</li> <li>Farm mechanization for timely operation and</li> </ul>
		10. Mushroom	nutrition, costly feed, disease, parasite value addition to fruits, vegetables, milk and
		11. Apiary	<ul> <li>7. Local breed with low output, disease</li> <li>Profitable poultry and duckery</li> </ul>
			8. Inbreeding, faulty buck /kid/ • Fish seed production in small ponds
			doe management, nutrition, disease & parasite • Aquatic weed infested pond
			9. Pond management, Inland Water Bodies for multiple production
			seed, high feed cost, low • Coconut orchard for intercrop
			productivity       • Promotion of coir industry         10. Low yield, spawn, straw       • Promotion of agro eco tourism
			unavailability, no round the vear production bygiene • Promotion of brackish water prawn export
			11. Unutilised orchard inter
			space, lack of awareness on enterprise

Delanga	Machapada, khairamangalpur	1. Paddy	1. Low yield, disease, pest, weeds,submergence/ flood• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM
	kimininguipur,	2. Pulse	<ul> <li>tolerant</li> <li>Pulse - HYV, IDM, IPM, INM ,IWM, soil</li> <li>Low yield, disease pest, lack</li> <li>Paragement use of bioagents chemicals</li> </ul>
		3. Vegetable	of INM,IDM,IPM, Biopesticide/agents soil
		4. Coconut	salinity ,indiscriminate use of coconut- INM, Pest management
		5. Banana	3. Low yield, lack of high       • Banana- HYV tissue culture , IDM, IPM, INM IWM
		6. Dairy	yielding variety, unavailability of planting • Integrated fish farming and fish health management
		7 Poultry	material, disease pest & weeds • Feeding and Health management of dairy
		9 Cost	4. Lack of INM and management • Profitable dairy and goat farming
			<ul> <li>5. Low yield, Sigatoka, Panama wilt fruit &amp; shoot horer</li> <li>Commercial and backyard poultry farming</li> <li>Commercial floriculture and organic farming</li> </ul>
		9. Inland fishery	6. Lack of fodder, proper save high Labour cost
		10. Mushroom	<ul> <li>nutrition, costiy feed, disease, parasite</li> <li>Value addition to fruits, vegetables, milk and low cost moring fish and mourt</li> </ul>
		11. Apiary	7. Local breed with low output, disease Profitable poultry and duckery
			<ul> <li>8. Inbreeding, faulty buck /kid/ doe management, nutrition,</li> <li>Fish seed production in small ponds</li> <li>Fish production in low saline coastal zone</li> </ul>
			disease & parasite 9 Pond management 9 Dond management 9 Dond management
			<ul> <li>I olid intradictional intradiction intradiction</li></ul>
			<ul> <li>Seed, high feed cost, how</li> <li>Coconut orchard for intercrop</li> <li>Promotion of coir industry</li> </ul>
			10. Low yield, spawn, straw unavailability, no round the       • Promotion of agro eco tourism         • Promotion of brackish water prawn export
			year production, hygiene 11. Unutilised orchard inter • Organic farming
			space, lack of awareness on enterprise
Kanas	Lokpal	Pulse	1. Low yield, disease pest, lack of INM IDM IPM
			Biopesticide/agents, soil
			use of chemicals

Kaktpur	Othaka, Mahadayhast	12. Paddy	12. Low yield, disease, pest, weeds, submergence/ flood	<ul> <li>Paddy -HYV, aromatic rice, IDM.IPM.INM.IWM</li> </ul>
	chandikuda,	13. Pulse	tolerant 13. Low yield, disease pest, lack	<ul> <li>Pulse - HYV, IDM, IPM, INM ,IWM, soil management use of bioagents chemicals</li> </ul>
	damkina,	14. Vegetable	of INM,IDM,IPM, Biopesticide/agents soil	<ul> <li>Vegetables - HYV, IDM, IPM, INM, IWM, florigulture, soil management.</li> </ul>
		15. Coconut	salinity ,indiscriminate use of chemicals	Coconut- INM, Pest management
		16. Banana	14. Low yield, lack of high	• Banana- HYV tissue culture , IDM, IPM, INM IWM
		17. Dairy	unavailability of planting	<ul> <li>Integrated fish farming and fish health management</li> </ul>
		18. Poultry	weeds	• Feeding and Health management of dairy animals and small ruminants
		19. Goat	15. Lack of finite and management	<ul><li>Profitable dairy and goat farming</li><li>Commercial and backyard poultry farming</li></ul>
		20. Inland fishery	10. Low yield, Sigatoka, Panama wilt, fruit & shoot borer	<ul> <li>Commercial floriculture and organic farming</li> <li>Farm mechanization for timely operation and</li> </ul>
		21. Mushroom	nutrition, costly feed, disease,	<ul> <li>save high Labour cost</li> <li>Value addition to fruits vegetables milk and</li> </ul>
		22. Apiary	18. Local breed with low output,	<ul> <li>Value addition to rules, vegetables, milk and low cost marine fish and prawn</li> <li>Profitable moultain and dualerrie</li> </ul>
			disease 19. Inbreeding, faulty buck /kid/	<ul> <li>Fish seed production in small ponds</li> </ul>
			doe management, nutrition, disease & parasite	<ul><li>Fish production in low saline coastal zone</li><li>Aquatic weed infested pond</li></ul>
			20. Pond management, unavailability of quality fish	<ul><li>Inland Water Bodies for multiple production</li><li>Resources for multiple cropping</li></ul>
			seed, high feed cost, low productivity	<ul> <li>Coconut orchard for intercrop</li> <li>Promotion of coir industry</li> </ul>
			21. Low yield, spawn, straw unavailability, no round the	<ul> <li>Promotion of agro eco tourism</li> </ul>
			year production, hygiene	<ul><li>Promotion of brackish water prawn export</li><li>Organic farming</li></ul>
			space, lack of awareness on	

CopOruali, submapur, sarada, Bangur23. Paddy23. Low yield, disease, pest, wceds, submargence/ flood olerant9. Paddy-HVV, aromatic rice, idease, pest, wceds, submargence/ flood olerant9. Paddy-HVV, aromatic rice, idease, pest, wceds, submargence/ flood management, use of bioagents, chemicals oconur- INM, PM, INM, INM, INM, INM, INM, floriculture, soil management chemicals24. Dusy25. Vegetable10. Wyield, disease, pest, atomity indiscriminate use ochemicals9. Poultry idease pest, atomity indiscriminate use ochemicals9. Poultry idease pest, atomity indiscriminate use ochemicals9. Poultry idease pest, atomity indiscriminate use ochemicals9. Poultry idease inter subscription9. Poultry idease idease idease9. Poultry idease inter subscription9. Poultry idease inter subscription inter subscription idease9. Poultry idease inter subscription idease9. Poultry idease inter subscription idease idease9. Poultry farming idease idease idease9. Poultry farming idease idease idease idease idease9. Poultry farming idease idease idease idease idease9. Poultry farming idease idease idease idease idease9. Poultry farming idease idease idease idease idease9. Poultry farming idease idease idease idease idease idease <b< th=""><th> </th><th></th><th></th><th></th><th>2</th></b<>	 				2
	Gop On su sa	ruali, ibrnapur, arada, Bangur	<ul> <li>23. Paddy</li> <li>24. Pulse</li> <li>25. Vegetable</li> <li>26. Coconut</li> <li>27. Banana</li> <li>28. Dairy</li> <li>29. Poultry</li> <li>30. Goat</li> <li>31. Inland fishery</li> <li>32. Mushroom</li> <li>33. Apiary</li> </ul>	<ol> <li>Low yield, disease, pest, weeds, submergence/ flood tolerant</li> <li>Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals</li> <li>Low yield, lack of high yielding variety, unavailability of planting material, disease pest &amp; weeds</li> <li>Lack of INM and management</li> <li>Low yield, Sigatoka, Panama wilt, fruit &amp; shoot borer</li> <li>Lack of fodder, proper nutrition, costly feed, disease, parasite</li> <li>Local breed with low output, disease</li> <li>Inbreeding, faulty buck /kid/ doe management, nutrition, disease &amp; parasite</li> <li>Pond management, unavailability of quality fish seed, high feed cost, low productivity</li> <li>Low yield, spawn, straw unavailability, no round the year production, hygiene</li> <li>Unutilised orchard inter space, lack of awareness on</li> </ol>	<ul> <li>Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM</li> <li>Pulse - HYV, IDM, IPM, INM, JWM, soil management, use of bioagents, chemicals</li> <li>Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management</li> <li>Coconut- INM, Pest management</li> <li>Banana- HYV tissue culture , IDM, IPM, INM, IWM</li> <li>Integrated fish farming and fish health management</li> <li>Feeding and Health management of dairy animals and small ruminants</li> <li>Profitable dairy and goat farming</li> <li>Commercial and backyard poultry farming</li> <li>Commercial floriculture and organic farming</li> <li>Farm mechanization for timely operation and save high Labour cost</li> <li>Value addition to fruits, vegetables, milk and low cost marine fish and prawn</li> <li>Profitable poultry and duckery</li> <li>Fish seed production in small ponds</li> <li>Fish production in low saline coastal zone</li> <li>Aquatic weed infested pond</li> <li>Inland Water Bodies for multiple production</li> <li>Resources for multiple cropping</li> <li>Coconut orchard for intercrop</li> <li>Promotion of agro eco tourism</li> <li>Promotion of sagro eco tourism</li> <li>Promotion of brackish water prawn export</li> <li>Organic farming</li> </ul>

Sadar	Naiguan,	1. Paddy	1. Low yield, disease, pest, weeds,submergence/ flood       • Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM
		2. Pulse	tolerant 2. Low yield, disease pest. • Pulse - HYV, IDM, IPM, INM, IWM, soil management use of bioagents chemicals
		3. Vegetable	lack of INM,IDM,IPM, Bioposticido/compts_soil
		4. Coconut	salinity ,indiscriminate use Coconut- INM, Pest management
		5. Banana	<ul> <li>of chemicals</li> <li>Banana- HYV tissue culture , IDM, IPM, INM IWM</li> </ul>
		6 Dairy	yielding variety, unavailability of planting • Integrated fish farming and fish health menagement
		0. Daily	material, disease pest & weeds
		7. Poultry	4. Lack of INM and management animals and small ruminants • Profitable dairy and goat farming
		8. Goat	<ul> <li>5. Low yield, Sigatoka,</li> <li>Commercial and backyard poultry farming</li> <li>Commercial floriculture and organic farming</li> </ul>
		9. Inland fishery	<ul><li>Panama wilt, fruit &amp; shoot</li><li>borer</li><li>Farm mechanization for timely operation and</li></ul>
		10. Mushroom	6. Lack of fodder, proper nutrition, costly feed, • Value addition to fruits, vegetables, milk and
		11. Apiary	disease, parasite Local breed with low Profitable poultry and duckery
			output, disease     Fish seed production in small ponds     Fish seed production in small ponds
			<ul> <li>8. Inbreeding, faulty buck /kid/ doe management,</li> <li>• Fish production in low saline coastal zone</li> <li>• Aquatic weed infested pond</li> </ul>
			<ul> <li>nutrition, disease &amp; parasite</li> <li>9. Pond management,</li> <li>Besources for multiple cropping</li> </ul>
			unavailability of quality fish seed high feed cost
			low productivity 10 Low wield snown strong
			<ul> <li>Dow yield, spawn, straw unavailability, no round the</li> <li>Promotion of brackish water prawn export</li> <li>Organic farming</li> </ul>
			year production, hygiene 11. Unutilised orchard inter
			space, lack of awareness on enterprise

 Т	1 1	Т		~	
Krushnaprasad	Panaspada, anandapur	1. Paddy	1.	Salinity of soil & water, Low yield, disease, pest,	<ul> <li>Paddy –Saline tolerant , IDM,IPM,INM,IWM</li> <li>Pulse - HYV, IDM, IPM, INM ,IWM, soil</li> </ul>
	jadupur, haripur	2. Pulse		weeds, submergence/ flood tolerant	management, use of bioagents, chemicals
		3. Vegetable	2.	Low yield, disease pest,	floriculture, soil management
		4. Coconut		Biopesticide/agents, soil salinity ,indiscriminate	<ul> <li>Coconut- INM, Pest management</li> <li>Banana- HYV tissue culture , IDM, IPM, INM, IWM</li> </ul>
		5. Banana	3.	use of chemicals Low yield, lack of high	<ul> <li>Integrated fish farming and fish health management</li> </ul>
		6. Dairy		yielding variety, unavailability of planting	Feeding and Health management of dairy
		7. Poultry		material, disease pest & weeds	<ul> <li>Profitable dairy and goat farming</li> </ul>
		8. Goat	4.	Lack of INM and management	<ul><li>Commercial and backyard poultry farming</li><li>Commercial floriculture and organic farming</li></ul>
		9. Inland	5.	Low yield, Sigatoka, Panama wilt, fruit &	<ul> <li>Farm mechanization for timely operation and save high Labour cost</li> </ul>
		fishery	6.	shoot borer Lack of fodder, proper	• Value addition to fruits, vegetables, milk and low cost marine fish and prawn
		10. Mushroo		nutrition, costly feed, disease parasite	<ul><li> Profitable poultry and duckery</li><li> Fish seed production in small ponds</li></ul>
		m	7.	Local breed with low	<ul> <li>Fish production in low saline coastal zone</li> <li>Aquatic weed infested pond</li> </ul>
		11. Apiary	8.	Inbreeding, faulty buck	<ul> <li>Inland Water Bodies for multiple production</li> <li>Besources for multiple grouping</li> </ul>
				nutrition, disease &	<ul> <li>Resources for induple cropping</li> <li>Coconut orchard for intercrop</li> </ul>
			9.	Pond management,	<ul><li> Promotion of coir industry</li><li> Promotion of agro eco tourism</li></ul>
				fish seed, high feed cost,	<ul><li>Promotion of brackish water prawn export</li><li>Organic farming</li></ul>
			10.	low productivity Low yield, spawn, straw	
				unavailability, no round the year production,	
			11.	hygiene Unutilised orchard inter	
				space, lack of awareness on enterprise	

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
Otekera	Satyabadi	OFT,FLD, Training, Awareness, Advisory Soil & Water test, Animal Health camp, Soil
		health Camp,
Gopalpur	Nimapara	OFT,FLD, Training, Awareness, Advisory Soil & Water test, Animal Health camp, Soil
		health Camp,
Othaka	Kakatpur	OFT,FLD, Training, Awareness, Advisory Soil & Water test, Animal Health camp, Soil
		health Camp,
Adhangapada	Pipili	OFT,FLD, Training, Awareness, Advisory Soil & Water test, Animal Health camp, Soil
		health Camp,
Panashapada	Krushnaprasad	OFT,FLD, Training, Awareness, Advisory Soil & Water test, Animal Health camp, Soil
		health Camp,

### 2.1 Priority thrust areas

Sl.no	Thrust area
1.	Paddy –Saline tolerant, IDM,IPM,INM,IWM
2.	Pu/lse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals
3.	Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management
4.	Coconut- INM, Pest management
5.	Banana- HYV tissue culture, IDM, IPM, INM, IWM
6.	Integrated fish farming and fish health management
7.	Feeding and Health management of dairy animals and small ruminants
8.	Profitable dairy and goat farming
9.	Commercial and backyard poultry farming
10.	Commercial floriculture and organic farming
11.	Farm mechanization for timely operation and save high Labour cost
12.	Value addition to fruits, vegetables, milk and low cost marine fish and prawn
13.	Profitable poultry and duckery
14.	Fish seed production in small ponds
15.	Fish production in low saline coastal zone
16.	Aquatic weed infested pond
17.	Inland Water Bodies for multiple production
18.	Resources for multiple cropping
19.	Coconut orchard for intercrop
20.	Promotion of coir industry
21.	Promotion of agro eco tourism
22.	Promotion of brackish water prawn export
23.	Organic farming
L	1

## 3. TECHNICAL ACHIEVEMENTS

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

OFT						FLD					
No. of technologies: 12					No. of technolo	No. of technologies:					
Number of OFTs Number of farmers				Number of FLDs Number of farmers							
Target	Achievement	Target	Achieveme	chievement		Target	Achievement	Target	Achievemen	t	
			SC/ST	Others	Total				SC/ST	Others	Total
14	12	90	23	57	80	24	21	230	92	120	212

Training						Extension activities					
~											
Number of Courses Number of Participants					Number of activities Number of participants						
Target	Achievement	Target	Achievemen	Achievement		Target	Achievement	Target	Achievemen	t	
			SC/ ST	Others	Total				SC/ ST	Others	Total
102	79	2073	244	1721	1965	30	30	3500	1420	2280	3700

Seed proc	duction (q)	Planting material (in Lakh)		
Target	Achievement	Target	Achievement	
500	500	0.012	0.014	

Livestock strains and fish fit	ngerlings produced (in lakh)*	Soil, water, plant, manures samples tested (in lakh)		
Target	Achievement	Target	Achievement	
Nil	Nil	0.004	0.004	

\* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated					
Research paper	0						
Seminar/conference/ symposia papers	2	Mass					
Books (Booklet )	0						
Bulletins	0	0					
News letter	4	2000					

Popular Articles	2	Mass
Book Chapter	0	0
Extension Pamphlets/ literature	8	400
Technical reports	22	22
Electronic Publication (CD/DVD etc)	0	0
TOTAL	36	2422

1 Achievements on technologies assessed and refined

# OFT-1

1.	Title of On farm Trial	Assessment of low land paddy varieties
2.	Problem diagnosed	Susceptible to lodging, causing low yield
3.	Details of technologies selected for assessment/refinement	TO-1: CR-1009 sub1 ,
	(Mention either Assessed or Refined)	TO-2: CR-500
4.	Source of Technology	NRRI, Cuttack
5.	Production system and thematic area	Varietal evaluation
6.	Performance of the Technology with performance indicators	No effective tiller/hill, yield
7.	Final recommendation for micro level situation	Medium duration varieties requirement
8.	Constraints identified and feedback for research	Required variety not available in seed chain
9.	Process of farmers participation and their reaction	

# Thematic area: Varietal Evaluation

Problem definition: lodging and low yield

Technology assessed: Submergence variety

Table:										
Technology	No. of	Yi	ield component		Disease/	Yield	Cost of	Gross	Net return	BC
option	trials	No. of	No. of	Test wt.	insect pest		cultivation	return		ratio
		effective	spikelet per	(100	incidence	(q/ha)		(Rs/ha)	(Rs./ha)	
		tillers/hill	panicle	grain	(%)		(Rs./ha)			
				wt.)						
FP	4	7.2				36.75	44717	51817	7100	1.19
TO-1	4	10.32				49.56	47407	69879	22472	1.6
TO-2	4	8.7				42.89	46006	60474	14468	1.39

Results: CR-1009 sub-1 provides better yield, flagleaf area higher, contribute to higher yield

# OFT-2

1.	Title of On farm Trial	Assessment of aromatic paddy variety
2.	Problem diagnosed	Local var with low yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP:- Laghusaulimadhi TO-1: Kalajira To-2: Geetanjali
4.	Source of Technology	NRRI,ICAR, Cuttack
5.	Production system and thematic area	Varietal evaluation
6.	Performance of the Technology with performance indicators	No of tiller/hill, yield
7.	Final recommendation for micro level situation	Requirement of high yielding aromatic variety
8.	Constraints identified and feedback for research	Lack of processing unit
9.	Process of farmers participation and their reaction	

Thematic area: varietal evaluation

Problem definition: Local var with low yield

Table:

Technology	No. of	Y	ield component		Disease/	Yield	Cost of	Gross	Net return	BC
option	trials	No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	insect pest incidence (%)	(q/ha)	cultivation (Rs./ha)	return (Rs/ha)	(Rs./ha)	ratio
FP	4	5.1				15.5	17495	21855	4360	1.23
TO-1	4	6.7				22.18	22657	31273	8616	1.35
TO-2	4	7.1				24.42	23128	34432	11304	1.44

Results: Geetanjali variety gives better yield

# OFT-3

1.	Title of On farm Trial	Assessment of biofertiliser application in blackgram
2.	Problem diagnosed	Indiscriminate use of chemical fertliser
3.	Details of technologies selected for assessment/refinement	FP: No use of biofertiliser
	(Mention either Assessed or Refined)	TO-1: Use of rhizobium culture 20gm/kg of seed
		TO-2: Use of rhizobium culture 20gm/kg of seed + PSB(6kg/ha)
4.	Source of Technology	OUAT
5.	Production system and thematic area	INM
6.	Performance of the Technology with performance indicators	Pods/plant,
7.	Final recommendation for micro level situation	Use of rhizobium + PSB increases yield
8.	Constraints identified and feedback for research	Low awareness for application of bio fertilizer
9.	Process of farmers participation and their	
	reaction	

# Thematic area: INM

Problem definition: No use of biofertliser

Technology assessed: Use of biofertliser

Table:

Technology	No. of	Y	ield component		Disease/	Yield	Cost of	Gross	Net return	BC
option	trials	No. of	No. of	Test wt.	insect pest		cultivation	return		ratio
		pod/plant	spikelet per	(100	incidence	(q/ha)		(Rs/ha)	(Rs./ha)	
			panicle	grain	(%)		(Rs./ha)			
				wt.)						
FP	7	29.2				6.8	17000	25840	8840	1.52
TO-1	7	39.6				7.6	17190	28880	11690	1.68
TO-2	7	42.6				8.5	17650	32300	14650	1.83

Results: Biofertiliser application increases nodule per plant

# OFT-4

1.	Title of On farm Trial	Assessment of lime application in groundnut
2.	Problem diagnosed	Low production due to acidic soil
3.	Details of technologies selected for assessment/refinement	FP: No application of lime
	(Mention either Assessed or Refined)	TO-1: Lime application @ 0.2LR
4.	Source of Technology	OUAT
5.	Production system and thematic area	INM
6.	Performance of the Technology with performance indicators	Pod/plant
7.	Final recommendation for micro level situation	Acid soil management by lime application
8.	Constraints identified and feedback for research	Low yield due to acid soil

9.	Process of farmers participation and their	Reclamation of acid soil
	reaction	

# Thematic area: INM

Problem definition: Low production due to acidic soil

Technology assessed: Reclamation of acid soil

Table:

Technology	No. of	Y	ield component		Disease/	Yield	Cost of	Gross	Net return	BC
option	trials	No. of Pod/plant	No. of spikelet per	Test wt. (100	insect pest incidence	(q/ha)	cultivation	return (Rs/ha)	(Rs./ha)	ratio
			panicle	grain wt.)	(%)		(Rs./ha)			
FP	4	18.3				17.4	28550	69600	41050	2.43
TO-1	13	23.6				22.5	31914	90000	58086	2.82

Results: Acid soil reclamation(Lime application) leads to higher yield

# OFT-5

1.	Title of On farm Trial	Assessment of Sigatoka disease management in Banana
2.	Problem diagnosed	Low yield of Banana due to moderate to severe infection of sigatoka disease
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO <sub>1</sub> -Alternate spraying of Bordeaux mixture 1% and Propiconazole 25%EC@500ml/ha at 15 days interval and additional doses of 25% Potash
		TO <sub>2</sub> .Alternate spraying of Bordeaux mixture 1% and (Tebuconaconazole 50%+Trifloxystrobin 25%)75%WG@200gm/ha) at 15 days interval and additional doses of 25% Potash
4.	Source of Technology	OUAT
5.	Production system and thematic area	IDM
6.	Performance of the Technology with performance indicators	TO1-No of affected leaf /plant = 1.2,TO2-No of affected leaf /plant= 0.9
7.	Final recommendation for micro level situation	Reclamation of soil acidity,Sucker treatment and alternate spraying of Bordeaux mixture 1% and (Tebuconaconazole 50%+Trifloxystrobin 25%)75%WG@200gm/ha) at 15 days interval and additional doses of 25% Potash
8.	Constraints identified and feedback for research	Soil Acidity, unavailability of healthy suckers Reclamation of soil acidity,Sucker treatment and alternate spraying of Bordeaux mixture 1% and (Tebuconaconazole 50%+Trifloxystrobin 25%)75%WG@200gm/ha) at 15 days interval and additional doses of 25% Potash.

9.	Process of farmers participation and their	Preparation of Bordeaux mixture is a tedious process
	reaction	

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## Thematic area: Integtated Disease Management

Problem definition: Low yield of Banana due to moderate to severe infection of sigatoka disease

## Technology assessed:

TO<sub>1</sub>-Alternate spraying of Bordeaux mixture 1% and Propiconazole 25%EC@500ml/ha at 15 days interval and additional doses of 25% Potash

 $TO_2$ . Alternate spraying of Bordeaux mixture 1% and (Tebuconaconazole 50%+Trifloxystrobin 25%)75% WG@200gm/ha) at 15 days interval and additional doses of 25% Potash

### Table:

Technology	No. of	Yield component			No	of	Yield	Cost	of	Gross	Net return	BC
option	trials	No. of	No. of	Test wt.	affected			cultiva	tion	return		ratio
		effective	spikelet per	(100	leaves/p	lan	(q/ha)			(Rs/ha)	(Rs./ha)	
		tillers/hill	panicle	grain	t			(Rs./ha	)			
				wt.)								
FP	8	-	-	-	4.8		288	163000	)	374900	211900	2.30
TO1	8	-	-	-	1.2		312	165825	5	412904	247079	2.49
TO2	8	-	-	-	0.9		323	169325	5	436858	267533	2.58

# OFT-6

1.	Title of On farm Trial	Assessment of DBM management in cauliflower
2.	Problem diagnosed	Low yield of Cauliflower due to infestation of DB moth

3.	Details of technologies selected for assessment/refinement	TO1: mustard (trap crop), pheromone trap, neem oil, spinosad
	(Mention either Assessed or Refined)	TO2: mustard (trap crop), pheromone trap, neem oil, Emamectin
		benzoate
4.	Source of Technology	OUAT
5.	Production system and thematic area	IPM
6.	Performance of the Technology with performance indicators	TO1-No of larvae /plant = 1.2 TO2-No of larvae /plant= 1.3
7.	Final recommendation for micro level	Mustard (trap crop) around main crop15 DBT+ Installation of pheromone
	situation	trap @20/ha and foliar spraying of Novaluron 10%EC @ 375ml/ha twice
		at 15 days interval
8.	Constraints identified and feedback for	Un available of quality PP chemicals & resistant varieties in local market.
	research	
		Development of resistant varieties
9.	Process of farmers participation and their	Requirment of good quality PP chemicals & resistant varieties
	reaction	

# Thematic area: Integtated Pest Management

Problem definition: Low yield of Cauliflower due to infestation of DB moth

Technology assessed:

TO1-Mustard (trap crop) around main crop 15 DBT + pheromone trap@20/ha , foliar spraying Spinosad 45 SC @ 150 ml/ha twice at 15 days interval

TO2-Mustard (trap crop) around main crop15 DBT+ Installation of pheromone trap @20/ha and foliar spraying of Novaluron 10%EC @ 375ml/ha twice at 15 days interval

Table:

Technology	No. of	Yield component			No of	Yield	Cost of	Gross	Net return	BC
option	trials	No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	Larvae/pla nt	(q/ha)	cultivation (Rs./ha)	return (Rs/ha)	(Rs./ha)	ratio
FP	5	-	-	-	5.2	210	52500	105000	52500	2.0
TO1	5	-	-	-	1.3	242.9	56500	121475	64975	2.15
TO2	5	-	-	-	1.2	251.9	57250	125950	68700	2.20

# OFT -7

1.	Title of On farm Trial	Assessment of bypass fat feeding on milk production of Dairy cattle
2.	Problem diagnosed	Improper nutrition of dairy animals
		Low milk yield, Less FAT & SNF
		Energy deficient dairy animals during early lactation, faster loss in body
		wt, debilitated
		Peak lactation (90-120 day): reduced Fat, SNF, Reduced price
3.	Details of technologies selected for	TO <sub>2</sub> - Mineral mixture feeding @ 50 g /day/cow
	assessment/refinement	
	(Mention either Assessed or Refined)	TO <sub>3</sub> -Commercially available bypass fat feeding @100g / day/cow
4.	Source of Technology	NDRI, 2012
5.	Production system and thematic area	Stall fed dairy, LPM
6.	Performance of the Technology with	Milk yield, Milk fat%
	performance indicators	
7.	Final recommendation for micro level	Suitable for high yielders during peak lactation
	situation	
8.	Constraints identified and feedback for	Cost effective bypass fat production
	research	
9.	Process of farmers participation and their	Increased market price of milk, higher profit
	reaction	

Thematic area: live stock production& management
Problem definition: Improper nutrition of dairy animals, Low milk yield, Less FAT & SNF, Energy deficient dairy animals during early lactation, faster loss in body wt, debilitated, Peak lactation (90-120 day): reduced Fat, SNF, Reduced price

Technology assessed: Effect of bypass fat feeding on milk fat % during peak lactation

Table:

Technology	No. of	Y	ield component		Yield	Cost	of	Gross	Net return	BC
option	trials	Milk yield	Milk fat %	-		cultivation		return		ratio
		/day			(ltr/da			(Rs/day)	(Rs./day)	
					y)	(Rs./day)				
TO1	10	11.3	3.99		11.3	240		282	42	1.17
TO2	10	12	3.99		12	255		360	105	1.41
TO3	25	12.8	5.06		12.8	267		512	245	1.91

Results: Bypass fat feeding during the peak lactation (Low milk fat period) increases milk fat% to a substantial level, increases market price & profit, beneficial effect on Energy deficient dairy animals during early lactation, faster loss in body wt, debilitated

# OFT-8

1.	Title of On farm Trial	Assessment on concentrate supplementation for body weight gain of kids(goat) during lean periods
2.	Problem diagnosed	Malnutrition due to insufficient grazing materials during lean periods No deworming and supplimentation
3.	Details of technologies selected for assessment/refinement	TO2- Deworming + Supplement feeding
	(Mention either Assessed or Refined)	TO3-Concentrate feeding @ 100g/ day + deworming and supplement administration
4.	Source of Technology	OUAT
5.	Production system and thematic area	LPM
6.	Performance of the Technology with performance indicators	Body wt gain,Net income

7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

# Thematic area: live stock production& management

Problem definition:

Technology assessed:

Table:

Technology	No. of	Y	ield component		Yield	Cost	of	Gross return	Net return	BC
option	trials			-		cultivation	l	(Rs/day)		ratio
									(Rs./day)	
						(Rs./day)			-	
TO1		I	Result awaited							
TO2										
TO3										

Results:

# OFT Fishery-9

1.	Title of On farm Trial	Assessment of liquid organic manure in pisciculture
2.	Problem diagnosed	low natural productivity of plankton by use of RCD
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment TO1: fermented manure @ 20 lit/Ac/mnth
		TO2: Planktofert @20 lit/Ac/mnth
4.	Source of Technology	CIFA, 2015

5.	Production system and thematic area	Fish production management
6.	Performance of the Technology with performance indicators	Yield
7.	Final recommendation for micro level situation	Higher plankton production with better body weight gain
8.	Constraints identified and feedback for research	Cost effective preparation
9.	Process of farmers participation and their reaction	

# Thematic area: Fishery

Problem definition: low natural productivity of plankton by use of RCD

Technology assessed: Liquid organic manure for plankton production

Table:

Technology	No. of	Yield compo	onent	Yield	Cost	of	Gross	Net	return	BC
option	trials		-	(q/ha)	cultivation		return	Rs/ha		ratio
					Rs/ ha		Rs/ ha			
FP	5			42	185840		420000	143840		2.26
TO1	5			49.75	214439		497500	283061		2.32
TO2	5			62.75	226534		627500	400966		2.77

# OFT-10

1.	Title of On farm Trial	Assessment of paddy straw mushroom strains (V.vulvaceae)
2.	Problem diagnosed	Low yield & bio efficiency of local strain

3.	Details of technologies selected for	FP: Local Starin
	(Mention either Assessed or Refined)	TO-1: OSM-11
		TO-2: OSM-12
4.	Source of Technology	CTMRT,OUAT
5.	Production system and thematic area	Income generation
6.	Performance of the Technology with performance indicators	Yield kg/bed, bio efficiency %
7.	Final recommendation for micro level situation	OSM-12 strain gives better yield
8.	Constraints identified and feedback for research	Unavailability of mother culture at micro level
9.	Process of farmers participation and their reaction	Participatory reasearch

# Thematic area: Income generation

Problem definition: low yield & bio efficiency

Technology assessed: paddy straw mushroom

Table:

Technology	No. of	Y	ield component		Disease/	Yield	Cost of	Gross	Net return	BC
option	trials	Bio efficiency %	No. of spikelet per panicle	Test wt. (100 grain wt.)	insect pest incidence (%)	(kg/b ed)	cultivation (Rs./ha)	return (Rs/ha)	(Rs./ha)	ratio
FP	5	5.1				0.7	40	84	44	2.1
TO-1	5	5.36				0.8	40	96	56	2.4
TO-2	5	5.52				0.83	40	100	60	2.5

Results: OSM-12 provides better yield and bio efficiency

# **OFT-11**

1.	Title of On farm Trial	Assessment of coir pith composting in poly tank
2.	Problem diagnosed	No economic use of coir pith
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO-1:Coir pith 60% + cow dunk 40% + vermin culture 1000no / 100 cubic feet
		TO-2: Coir pith 60% + cow dunk 40% + vermin culture 1000no / 100 cubic feet + T.viridae 100gm/100 cubic fet
4.	Source of Technology	OUAT
5.	Production system and thematic area	Waste recycling
6.	Performance of the Technology with performance indicators	Vermicompost, culture yield
7.	Final recommendation for micro level situation	On going
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

# Thematic area:

Problem definition:

Technology assessed:

Table:

Technology	No. of	Y	ield component		Disease/	Yield	Cost of	Gross	Net return	BC
option	trials	No. of	No. of	Test wt.	insect pest		cultivation	return		ratio
		effective	spikelet per	(100	incidence	(q/ha)		(Rs/ha)	(Rs./ha)	
		tillers/hill	panicle	grain	(%)		(Rs./ha)			
				wt.)						
	•			•	•	•	•	•	•	<u> </u>

Ongoing					

Results:

# OFT-12

1.	Title of On farm Trial	Assessment of Tissue culture banana
2.	Problem diagnosed	Low yield of local variety
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Champa TO1- Amrutpani
4.	Source of Technology	OUAT
5.	Production system and thematic area	Varietal evaluation, production management fruit
6.	Performance of the Technology with performance indicators	Yield, no of finger/bunch, finger size
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Timely availability of sucker
9.	Process of farmers participation and their reaction	

# Thematic area: Varietal evaluation, production management fruit

Problem definition: Low yield of local variety

Technology assessed: tissue culture banana

Table:

option	trials	No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	insect pest incidence (%)	(q/ha)	cultivation (Rs./ha)	return (Rs/ha)	(Rs./ha)	ratio
			On going							

**Results:** 

# 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 farm demonstrat	ion	Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1.	Paddy (Swarna	Varietal	FP- MTU-7029	4	4	-	10	10	
	sub-1)	demonstration	KF- Swaina sub-1						
2.	Paddy (Bina-	Varietal	FP- Lalat	4	4	-	8	8	
	11)	demonstration	RP- Bina-11						
3.	Paddy (Luna	Varietal	FP- Kalachampa	2	1.2	-	6	6	Non
	Subarna)	demonstration	RP- Luna subarna						of seeds
4.	Paddy (Swarna	IPM	FP- Cloropyriphos	2	2	-	20	20	
	sub-1)		RP-T.Chilonis, Fipronil						

#### Details of farming situation

Сгор	eason	ig situation Irrigated)	il type		Status of so (Kg/ha)	bil	ious crop	/ing date	vest date	nal rainfall (mm)	rainy days
	S	Farmir (RF/	Š	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Prev	Sow	Har	Seaso!	No. of
Paddy (Swarna sub-1)	Kharif	Irrigated	Clay loam	246	11.0 8	135	Green gram	13.07.17	16.12.1 7		
Paddy (Bina-11)	Kharif	Irrigated	Sandy clay loam	216	13.0 7	116	Green gram	18.07.17	15.12.1 7		
Paddy (Luna Subarna)	Kharif	Irrigated	Sandy clay loam	250	18.0 0	122	Green gram	17.07.17	16.12.1 7		
Paddy	Kharif	Irrigated	Clay loam	246	11.0 8	135	Green gram	13.07.17	16.12.1 7		

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

		Name of the			Viald	(a/ba)		*Eco	nomics of	demonstra	tion	*]	Economic	s of check	ĸ
Cron	Thematic	technology	No. of	Area	Tielu	(q/na)	%		(Rs.	/ha)			(Rs./	/ha)	
Стор	Area	demonstrated	Farmers	(ha)	Damo	Chaolt	Increase	Gross	Gross	Net	**	Gross	Gross	Net	**
		demonstrated			Demo	Check		Cost	Return	Return	BCR	Cost	Return	Return	BCR
Groundnut	Weed	FP: Manual	10	2	22.6	18.6	21.5	36700	90400	53700	2.46	32600	74400	41800	2.28
		weeding													
	management	RP- Post	10												
	-	emergence													
		weedicide													
	IPM	Spodoptera					23.8	36033	87200	51167	2.42	32442	70400	37958	
Crowndows		management in	10	1	21.0	176									2.17
Groundnut		Groundnut	10	1	21.8	17.0									2.17
Total			20	3	44.1	36.2	45.3	72733	177600	104867	4.88	65042	144800	79758	4.45

\* 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

Gron	Thematic	Name of the technology	No. of	Area	Yield	(q/ha)	%	*Ec	onomics o (Rs	f demonstrat s./ha)	ion		*Economi (Rs	cs of check s./ha)	
Стор	Area	demonstrated	Farmers	(ha)	Damo	Chack	Increase	Gross	Gross	Net	**	Gross	Gross	Net	**
					Demo	CHECK		Cost	Return	Return	BCR	Cost	Return	Return	BCR
Green.gram	IDM	YMV management in greengram	10	1	7.6	5.8	31.03	16900	30400	13500	1.80	14700	23200	8500	1.50
	Total		10	1	7.6	5.8	31.03	16900	30400	13500	1.80	14700	23200	8500	1.50

\* 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

	Thematic	Name of the	No. of	Area	Yield	(q/ha)	% change	Other pa	rameters	*Econom	ics of demo	nstration (H	Rs./ha)	*	Economics	of check	
Crop	area	technology demonstrated	Farmer	(ha)	Demons ration	Check	in vield	Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Betelvine	IDM	Foot rot	5	0.8	39 lakh	34 lakh	14.7	No of	No of	1020000	1948200	928200	1.91	950000	1691000	741000	1.78
		management in Betelvine			leaves/ha	leaves/ha		rotting stem/row 1.2	rotting stem/row 3.8								
Pointed gourd	Production management	Demonstration of pointed gourd cultivation in training system	5	0.4	246	191	28	-	-	196015	492000	295985	2.51	211049	382000	170952	1.81
Marigold	Floriculture	Demonstration on marigold var Serakole	10	0.4	130	110	18	-	-	288908	520000	231092	1.79	312056	440000	127943	1.41
Betelvine	Hitech horticulture	Demonstration of betel vine cultivation under shadenet	5	0.1	Ongoing												
		Total	25	1.7	39 lakh leaves/ha + 376	34 lakh leaves/ha + 301		1.2	3.8	1504923	2960200	1455277	6.21	1473105	2513000	1039894	
		Totur	23	1.7	q.ha	q.ha	60.7										5.0

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Categor y	Themati c	Name of the technology	No. of	No. of	Major parame	eters	% change	Other pa	rameter	*Econom	ics of demo	nstration	(Rs.)	*Econom (Rs.)	ics of check	k	
	area	demonstrate d	Farm er	unit s	Demons ration	Check	in major parame ter	Demo ns ration	Check	Gross Cost	Gross Return	Net Retur n	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	Dairy producti on	Demonstrati on of bypass protein feeding on milk production of dairy cattle	20	20	(Milk yield/day) 16.4	15.25	7.5	Milk Fat-4.5 SNF - 8.3	Milk Fat- 3.5 SNF- 7.0	251	524	273	2.1	222	305	83	1.37
Cow																	
Buffalo																	
Poultry	Poultry producti on	Demonstrati on of scientific Poultry farming in backyard system	9	9	Body weight 1600gm/7w eek	Body weight 800gm/7w eek	100	Mortal ity 2%	Mortal ity 20%	69.5 / bird	235.2 / bird	165.7 / bird	3.3	51.25 / bird	96 / bird	44.75 / bird	1.8
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	

																	T7
Categor y	Themati c	Name of the technology	No. of	No. of	Major param	eters	% change	Other pa	arameter	*Econom	nics of demo	onstration	n (Rs.)	*Econom (Rs.)	ics of chec	k	
	area	demonstrate d	Farm er	unit s	Demons ration	Check	in major parame ter	Demo ns ration	Check	Gross Cost	Gross Return	Net Retur n	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Others (pl.speci fy)	Live stock nutritio n	Demonstrati on of Azolla for livestock feed managemen t	36	40	Feed cost 160	Feed cost 180	12.5	Milk yield 10 L/day	Milk yield 10 L/day	160	220	60	1.37	180	220	40	1.2
Total			65	69						411	744	333	6.77	402	525	123	4.44

\* 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	Name of the	No. of	No. of	Major parameters 9 i		% change	Other param	neter	*Economics of demonstration (Rs.)				*Econom	ics of check	k	
	area	demonstrated	Farmer	units	Demons	Check	in major parameter	Demons	Check	Gross	Gross	Net	**	(KS.) Gross	Gross	Net	**
		demonstrated			ration	Спеск	parameter	ration	CHECK	Cost	Return	Return	BCR	Cost	Return	Return	BCR
Common	Multiple	Demonstration	10	10	Yield(q/ha)	Yield(q/ha)	14.28	No of	No of	200000	500000	300000	2.5	175000	350000	175000	2.0
carps	stocking &	on Integrated			24.8	21.7		harvest /	harvest								
	harvesting	Pisciculture						Yr	/ Yr								
		with relay						3	1								
		farming system															
Common	Varietal	Demonstration	10	10	Yield(q/ha)	Yield(q/ha)	10.2	Market	Market	175000	437500	262500	2.2	175000	350000	175000	2.0
carps	replacement	on Jayanti rohu			26.7	24.8		weight	weight								
		for increasing						1.65Kg	1.5kg								
		productivity															
Ornamental fishes																	
Exotic carp	Biological	Demonstration	10	10	Yield(q/ha)	Yield(q/ha)	65	Exotic	Manual	176500	393595	217095	2.23	206250	402187	195937	1.95
	Aquatic	on Exotic carp			38	23		carp cost/	weeding								
	weed	for aquatic						На	/ Ha								
	management	weed						(750no)	12500								
		management						1500									

																4	18
Common	Multiple	Demonstration	5	5	Yield(q/ha)	Yield(q/ha)	10	Prawn	Nil	202000	382500	180500	1.89	175000	297500	122500	1.7
carps +	stocking &	on fish cum			16.5	Carp		yield(q/ha)									
Prawn	harvesting	prawn culture				15		2.25									
		in fresh water															
		Total	35	35	106	84.5	99.48			753500	1713595	960095	8.82	731250	1399687	668437	7.65

. .

\* 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

	Name of the	No. of	No of	Major j	parameters	% change	Other pa	arameter	*Econo	mics of de	monstratic	on (Rs.)		*Economi	ics of cheo	ck
Category	technology demonstrated	Farmer	units	Demons ration	Check	in majorCheckparameter		Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
	Paddy straw mushroom in			Yield	X7: 11		Bio	Bio	50	144	94	2.88	40	96	56	
Paddy straw	agro shade	5	5	1.2 kg/bad	Yield	71	efficiency	efficiency								2.4
mushroom	liet	5	5	kg/beu	0.8 kg/beu	/1	0 70	5.55%								2.4
Vermicompost																
Sericulture																
	Apiary in			Yield	New						2000					
Apiculture	coconut orchard	5	5	5kg/box	intervention											
	Value added			Yield	Yield 6kg				38	68	30	1.78	48	30	-18	
Others	product tomato ketch			1kg	tomato											
Value addition	up	10	10	ketchup												0.6
	Total	20	20	7.2	6.8				88	212	2124	4.66	88	126	38	3.0

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

Women empowerment

Catagoria	Name of technology	No. of domenstrations	Observat	tions	Demontos
Category	Name of technology	No. of demonstrations	Demonstration	Check	Remarks
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
<u>.</u>		•	•	•	

Neonatal			
Infants			

Farm implements and machinery

Name of the	Crop	Name of the technology demonstrated	No. of	Area	Filed obs (output/m	ervation an hour)	% change in major	La	bor reduction	on (man day	/s)	Cost red	uction (Rs./	/ha or Rs./U	Jnit)
implement	Сюр		Farmer	(ha)	Demons ration	Check	parameter								

\* 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

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

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

Technical Feedback on the demonstrated technologies

Sl.	Crop	Feed Back
No	_	
	Paddy, Swarna	Performs better in submergence condition, lower lodging percentage
	sub-1	Use of bio agents reduces leaf folder
	Paddy, Luna subarna	Performs better than the local variety
	Groundnut	Seed treatment, soil treatment, preimergence weedicide management leads to
		better yield
		Pheromone trap & bio agent should be utilized for spodeptera management
	Green gram	Seed treatment with installation of yellow sticky trap controls YMV
	Pointed gourd	Training system increase yield due to larger foliar exposure to sunlight
	Marigold, serakole	Ensures round the year production with better shelf life
	Betelvine	Soil application of bio pesticide controls foot rot with increase in surface area of leaf
	Fresh water fish	Relay farming with fingerlings increase yield
	Rohu(J Rohu)	Performs better than common Rohu
	Azolla	Can be utilized as an alternative feed for reducing cost
	Bypass protein	Increases milk quality
	Poultry	Blackrock variety has lower mortality and higher body weight gain
	Mushroom	Cultivation in agro shade net increases yield

# Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days		15	450	
2.	Farmers Training		28	700	
3.	Media coverage		2	100	
4.	Training for extension		-	-	
	functionaries				

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

### A. Technical Parameters:

Sl	Crop	Existin	Existi	Yield	l gap (ŀ	Kg/ha)	Name of Variety +	Num	Ar	Yie	ld obta	ined	Y	leld	1
	demonstr	g	ng		w.r.to		Technology	ber of	ea		(q/ha)			gap	
Ν	ated	(Farme	yield	Distr	Stat	Potent	demonstrated	farme	in				mi	nim	iz
о.		r's)	(q/ha)	ict	e	ial		rs	ha					ed	
		variety		yield	yiel	yield								(%)	
		name		(D)	d	(P)				Ma	Mi	Av.	D	S	Р
					(S)					х.	n.				
1	Ground nut	Devi	20.8	20.2	17. 87	32.3 2	Devi +Cluster Demonstration on Groundnut, (Seed treatment with Carboxin (33.5%+Thiram 37.5%)@2.5gm /Kg of seed inoculation with Rhizobium@ (20g/kg),,Zypmi te,plus @45kg /ha, spraying of Boran@2.5gm/I tr of water Combined nutrient spray, Indoxacrab 14.5 SC, Flonicamid 50 WG, Trizophos + Deltamethrin 36 EC, Metalaxyl 8 % + Mancozeb 64%, K-Cycline	125	50	22. 9	18. 7	20. 8			
2	Sunflo wer	MSF H-17					Seed treatment with Carboxin (33.5%+Thiram 37.5%)@2.5gm ,Trizophos + Deltamethrin 36 EC,( Metalaxyl 8 % + Mancozeb 64%), spraying of Boron 10.5% @ 2.5gm/ltr.of water	25	10			14. 0			

							5	53
								1

### **B.** Economic parameters

Sl.	Variety	Fa	rmer's Ex	isting plot		Demonstration plot					
No.	demonstrated	~			20	~	<u> </u>		<b>n</b> ~		
	& Technology	Gross	Gross	Net	B:C	Gross	Gross	Net	B:C		
	demonstrated	Cost	return	Return	ratio	Cost	return	Return	ratio		
		(Rs/ha)	(Rs/ha	(Rs/ha)		(Rs/ha)	(Rs/ha)	(Rs/ha)			
	<b>D</b> 10		)								
	Devi &										
	Cluster										
	Demonstration										
	on Groundnut,										
	(Seeu trootmont										
	with										
	Willi										
	(33.5%+11)										
	am az rev @a r										
1	37.5%)@2.5										
1	gm /Kg of										
	seed	25200									
	Inoculation	35200.	62400	27200	1.77	37400	83200	45800	2.22		
	With Dhianhinn @	00				07.00					
	(20g/kg),,Zyp										
	mite,plus										
	@45kg /ha,										
	spraying of										
	Boran@2.5g										
	m/ltr of water										
	Compined										
	nutrient										
	spray,										
	Indoxacrab										
	14.5 SC,										
	Flonicamid										

									54
	50 WG, Trizophos + Deltamethrin 36 EC, Metalaxyl 8 % + Mancozeb 64%, K- Cycline								
2	MSFH-17 Seed treatment with Carboxin (33.5%+Thir am 37.5%)@2.5 gm ,Trizophos + Deltamethrin 36 EC,( Metalaxyl 8 % + Mancozeb 64%), spraying of Boron 10.5% @ 2.5gm/ltr.of water	26450	37800	11350	1.43	28200	49000	20800	1.73
1	BLACKGRA M PU-31 + Cluster Demonstratio n on Blackgram (Seed treatment with (Seed treatment with (Seed treatment with <i>Imidachlopri</i> d(Gauch) @5ml/kg of seed and inoculation with	20000	27270	7270	1.36	22200	37875	15675	1.70

									55
	Rhizobium								
	@20 gm/kg								
	of seed),								
	yellow								
	sticky Trap								
	40nos./ha,								
	Neem oil								
	300 ppm @								
	2.5lit/ha								
	DAP(2%								
	spray,IPM								
	as per need								
	(botanical+b								
	iological)								
	GREENGRA								
	M								
	IPM-02-14+								
	Cluster								
	n on								
	Greengram								
	(Seed								
	treatment								
	with								
	Imidachlopri								
	d(Gauch)								
	@5ml/kg of								
2	seed and	20000	26500	6500	1 32	22200	36000	13800	1.62
2	inoculation	20000	20300	0500	1.52	22200	50000	13000	1.02
	with								
	Rhizobium(								
	20 gm/kg of								
	seed),								
	yellow								
	sticky Trap								
	40nos./ha,								
	Neem oil								
	300 ppm @								
	2.5lit/ha								
	DAP(2%								
	spray)								

C. Socio-economic impact parameters

			1					50
Sl. N o.	Crop and variety Demonstrated	Total Produc e Obtain ed (kg)	Produce sold (Kg/househ old)	Sellin g Rate (Rs/K g)	Produ ce used for own sowin g (Kg)	Produce distribut ed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ho use hold)
1	Groundnut var.Devi	26000 0	10376000	40	300	300	Education of the children	5
2	Sunflower var. MSFH-17	1400	38500	35	150	150	livelihood	5
1	PU-31 and Cluster Demonstration on Blackgram (Seed treatment with <i>Imidachloprid(Ga uch)</i> @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), yellow sticky Trap 40nos./ha, Neem oil 300 ppm @ 2.5lit/ha DAP(2% spray	56250	500	50.50	750	500	livelihood	500
2	Greengram Var IPM-02-14 (Seed treatment with Imidachloprid(Ga uch) @5ml/kg of seed and inoculation with	78000	3900000	50.5	25	200	Enhancem ent of livelihood	45

				57
Rhizo	obium(20			
gm/kg	of seed),			
yello	ow sticky			
Trap 4	10nos./ha,			
Neer	n oil 300			
ppm @	2.5lit/ha			
DAP(2	2% spray)			

### **D.** Oilseed Farmers' perception of the intervention demonstrated

S1.	Technologies	Farmers' Perception parameters        Switchili      Libin co.      Affordabil      Ann.      Is												
No	demonstrated	Suitabili	Likings	Affordabil	Any	Is	Suggestions, for							
	(with name)	ty to	(Preferenc	ity	negative	Technolog	change/improvem							
		their	e)		effect	У	ent, if any							
		farming				acceptable								
		system				to all in								
						the								
						group/villa								
						ge								
	Cluster													
	Demonstration on													
	Groundnut,													
	(Seed treatment													
	(22 5% Thirom													
	(33.5% + 11)	~												
	of sood inoculation	Suitabl												
	with Rhizohium@	e to	Bold				Larger number							
	(20a/ka) Zvomite o	their	seeded(				of training is							
1	(209)((9),(2)p)((0,p))	farming	Red				required for							
1	spraving of	system	colour) is	Medium	No	Yes	scientific way of							
	Boran@2.5gm/ltr of	as per	proforable				groundnut							
	water Combined	their	preferable				groundhut							
	nutrient spray,	soil					cultivation.							
	Indoxacrab 14.5	type												
	SC, Flonicamid 50	• 1												
	WG, Trizophos +													
	Deltamethrin 36													
	EC, Metalaxyl 8 %													
	+ Mancozeb 64%,													
	K-Cycline													
	Seed treatment		D ( 1)											
	with Carboxin	Suitabl	Preterabili											
	(33.5%+Thiram	e to	ty to				Larger number							
2	37.5%)@2.5gm	their	Borax for	Medium	No	Yes	of training is							
-	,Trizophos +	farming	spraying	moutum	110	100	required							
	Deltamethrin 36	avotom	to				requireu.							
	EC,(Metalaxyl 8 %	system	capitulum											
	+ Mancozeb 64%),		_											

							58
	spraying of Boron 10.5% @ 2.5gm/ltr.of water						
3	Cluster Demonstration on Blackgram (Seed treatment with <i>Imidachloprid(Ga uch)</i> @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), yellow sticky Trap 40nos./ha, Neem oil 300 ppm @ 2.5lit/ha DAP(2% spray	Yes	Bold seeded	Low - Medium	Mediu m irrigati on potenti al	Yes	
4	Line sowing, Zero tillage, Tricho card	Suitabl e to their farming sytsem	CSISA, IRRI, Nimapada		-	YES	Change of variety

# E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of	Farmers Feedback
		Technology vis-a vis	
		Local Check	
Groundnut (Spanish	Two seeded pod with		Quality Seed with two
type)	hold seed	Better yield of the demo	seeded pod &
(ype)	bold seed	variety	palatable of haulms.
Sunflower (oil content)	More oil content 13%	Good yield with head diameter with20cm	Less availability of processing facility
Resistance to leaf spot			1. Treatment of Rhizobium culture @ 20 gm/kg of seed fetches higher yield

			59
Resistance to YMV			The variety is found
			to be bold seeded &
			producing good yield
F. Extension activitie	s under FLD conducted:		
Sl. No.	Extension Activities	Date and place of	Number of farmer
	organized	activity	attended
	Training programme	21 12 17 and	
1	(Production and		25
1	Management of	Lokapaia (Dlack koneg)	25
	Groundnut cultivation)	(DIOCK-Kallas)	
	(Training		
0	programme)Production		
Z	and management of	16.02.2018	25
	Sunflower cultivation		
	(Training		
3	programme)Production	Naiguan, Purisadar	25
3	and management of	03.01.2018	25
	<b>Blackgram cultivation</b>		
	(Training		
1	programme)Production	Othaka, Kakatpur	25
4	and management of	04.01.2018	25
	Greengram cultivation		

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	Items	Budget Received	Budget Utilization	Balance (Rs)
(provide		$(\mathbf{P}_{\mathbf{S}})$	( <b>P</b> <sub>s</sub> )	(RS.)
information		(KS.)	(185.)	
information				
)				
	i) Critical input			
	ii) TA/DA/POL etc. for			
	monitoring			
	iii) Extension Activities			
	(Field day)			
	iv)Publication of			
	literature			
	Total			

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

<b>U</b> 1	~ <b>P</b> -																
Nam	Fath	Vill	Bl	Mob	Em	GPS		Soi	Reco	Bri	Variet	See	D	emo	0.	Yi	%
e of	er's	age	oc	ile	ail	Coord	inate	1	mmen	ef	у	d	Y	ield	1	eld	in
farm	nam	_	k	No.	ID	S		test	dation	tec	-	qua	(q	/ha	)	of	cr
er	e					(DDM	MSS	ing	S	hn		ntit				loc	ea
						format	;)	do	based	olo		у				al	se
								ne	on	gy		use				che	
								(Y	soil	int		d				ck	
								es/	test	erv						q/h	
								No	value	ent						а	
								)		ion							
						Latit	Lo						Η	L	Α		
						ude	ngit										
							ude										

### a) Crop2

Nam	Fath	Vill	Bl	Mo	Е	GPS		Soi	Rec	Brie	Vari	See	Der	mo		Yie	%
e of	er'sn	age	oc	bile	ma	Cooi	dina	1	om	f	ety	d	Yie	eld		ld	
farm	ame	0	k	No.	il	tes		test	men	tech	2	qua	(q/l	ha)		of	i
er					ID	(DD	MM	ing	datio	nolo		ntit	<b>`</b> 1			loc	n
						ŜS		do	ns	gy		y				al	с
						form	at)	ne	base	inter		use				che	r
								(Y	d on	venti		d				ck	e
								es/	soil	on						q/h	a
								No	test							a	s
								)	valu								e
									e								
						Lat	Lo						Η	L	А		
						itu	ngi										
						de	tud										
							e										

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

### A) Farmers and farm women (on campus)

Thematic Area	No. of	No. of Participants									Grand	d Total	
	Courses	Other				SC			ST				
		Μ	F	Т	М	F	Т	Μ	F	Т	Μ	F	Т
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													

													01
Thematic Area	No. of		0.1	Ν	lo. of	Particip	pants	r	CTT.		Grand	d Total	
	Courses	м	Other	т	м	SC E	т	м	ST	т	М	Б	
Water management		M	Г	1	M	F	1	M	Г	1	M	Г	1
Seed production					-							-	
Nursery menagement												ł – – –	
Integrated Crop 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													1
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) Ormomontal Plants													-
Nursery Management													-
Management of potted plants													
Fundational and a second secon					-							-	
Dependential of ornamental plants			+										──
Plants													
r taills					-								──
Diners, 11 any													-
d) Plantation crops													!
Production and Management													
Decentrology					-								
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management													
technology		<u> </u>			<u> </u>			<u> </u>					<u> </u>
Processing and value addition					<u> </u>								<u> </u>
Others, if any													
f) Spices													
Production and Management													
technology													
Processing and value addition													
Others, if any													

Inematic AreaNo. of Courses $\overline{\text{Courses}}$ $\overline{\text{Other}}$ $\overline{\text{SC}}$ $\overline{\text{ST}}$ $\overline{\text{M}}$ $\overline{\text{F}}$ $\overline{\text{T}}$ $\overline{\text{M}}$ $\overline{\text{T}}$ $\overline{\text{M}}$ $\overline{\text{T}}$ $\overline{\text{M}}$ $\overline{\text{M}}$ $\overline{\text{T}}$ $\overline{\text{M}}$ $\overline{\text{M}}$ $\overline{\text{T}}$ $\overline{\text{M}}$ $\overline{\text{M}}$ $\overline{\text{M}}$ $\overline{\text{M}}$ $\overline{\text{M}}$ $\text{M$		
Number of the sector of the		T
g) Medicinal and Aromatic PlantsImage of the second se		
Nursery managementImagementImagementImagementProduction and managementImagementImagementImagementtechnologyImagementImagementImagementPost harvest technology and value additionImagementImagementOthers, if anyImagementImagementIII. Soil Health and Fertility ManagementImagementImagementSoil fertility managementImagementImagementSoil and Water ConservationImagementImagementIntegrated Nutrient ManagementImagementImagementProduction and use of organic inputsImagementImagementManagement of Problematic soilsImagementImagementMicro nutrient deficiency in crossImagementImagementMicro nutrient deficiency in crossImagementImagementMicro nutrient deficiency in crossImagementImagementImagement deficiency in crossImagementImagemen		
Production and management technologyImagement ImagementImagementImagementPost harvest technology and value additionImagementImagementImagementOthers, if anyImagementImagementImagementImagementIII. Soil Health and Fertility ManagementImagementImagementImagementSoil fertility managementImagementImagementImagementSoil and Water ConservationImagementImagementImagementIntegrated Nutrient ManagementImagementImagementImagementProduction and use of organic inputsImagementImagementImagementManagement of Problematic soilsImagementImagementImagementMicro nutrient deficiency in croopsImagementImagementImagement		
technologyImage: Construction of the second sec		
Post harvest technology and value additionImage: ConstructionImage: ConstructionImage: ConstructionOthers, if anyImage: ConstructionImage: ConstructionImage: ConstructionImage: ConstructionSoil fertility managementImage: ConstructionImage: ConstructionImage: ConstructionImage: ConstructionSoil and Water ConservationImage: ConstructionImage: ConstructionImage: ConstructionImage: ConstructionIntegrated Nutrient ManagementImage: ConstructionImage: ConstructionImage: ConstructionImage: ConstructionProduction and use of organic inputsImage: ConstructionImage: ConstructionImage: ConstructionImage: ConstructionManagement of Problematic soilsImage: ConstructionImage: ConstructionImage: ConstructionImage: ConstructionMicro nutrient deficiency in cropsImage: ConstructionImage: ConstructionImage: Construction<		
additionImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of organic inputsImage: Constraint of the production and use of the prod		<u> </u>
Others, if anyImage: Constraint of the second s		
III. Soil Health and Fertility ManagementImage: Soil fertility managementImage: S		
ManagementImage: ConservationImage: Conservation <td></td> <td>1</td>		1
Soil fertility management    Imagement    Imagement <td< td=""><td></td><td></td></td<>		
Soil and Water Conservation    Image: Conse		
Integrated Nutrient Management  Image State  Image Stat		
Production and use of organic inputs		
Management of Problematic soils    Micro nutrient deficiency in crops		
Micro nutrient deficiency in crons		
Nutrient Use Efficiency		
Soil and Water Testing		
Others, if any		
IV. Livestock Production and		
Management		
Dairy Management		
Poulity Management		
Piggery Management		
Disease Management	<u> </u>	+
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		
Storage loss minimization techniques		
Enterprise development		
Value addition	<u> </u>	+
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		<u> </u>
Production of small tools and		
Implements	<u> </u>	┿
		<u> </u>

						<u> </u>	1 75 1	63					
Thematic Area	No. of		Other	N	lo. of I	Particip	pants	1	0T		Grand	1 Total	
	Courses	м	Other	т	М	SC F	т	м	51 E	т	М	F	т
machinery and implements		IVI	1.	1	IVI	Г	1	IVI	I.	1	IVI	Г	1
Small scale processing and value													
addition													
Post Harvest Technology													
Others if any													
VII Plant Protection													
Integrated Post Management													
Integrated Pest Management													
Bio control of posts and dispassos													
Bio-control of pests and diseases													
his pesticides													
Others if any													
VIII Fishering													
Integrated fish forming													
Compression and hetchery													
management													
Corp fry and fingerling rearing													
Carp ity and ingering rearing													
Eich food proportion & its application													
to fish pond like pursary rearing k													
to fish pond, like nursery, rearing &													
Stocking point						-							
frashwater prowp													
Breading and culture of amomental						-							
fishes													
Portable plastic carp batchery													
Pop culture of fish and provin													
Shrimp forming													
Edible ouster forming													
Poorl outure													
Fish processing and value addition													
Fish processing and value addition													
Uners, 11 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													
A. Capacity Building and Group													
	-	<u> </u>	┥ ┥										
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital		ļ											
Entrepreneurial development of													
tarmers/youths		L											
wTO and IPR issues													

								04					
Thematic Area	No. of			N	o. of l	Partici	pants				Grand	l Total	
	Courses		Other			SC			ST				
		Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
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	No. of Participants									Grand	l Total	
	Courses		Other			SC			ST				
		Μ	F	Т	Μ	F	Т	М	F	Т	М	F	Т
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													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Frashwatar prown gulturg													
rieshwater prawn culture													

													65
Thematic Area	No. of			N	o. of ]	Particip	pants				Grand	l Total	
	Courses		Other			SC			ST				
		М	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing													
technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL													

### **C) Extension Personnel (on campus)**

Thematic Area	No. of			N	o. of l	Particip	oants				Grand	l Total	
	Courses		Other			SC			ST				
		Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Productivity enhancement in field													
crops													
Value addition													
Integrated Pest Management	1	7	12	19	1	-	1	-	-	-	8	12	20
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	1	16	1	17	3	-	3	-	-	-	17	3	20
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	1	14	5	19	1	-	1	-	-	-	15	5	20
Gender mainstreaming through SHGs													
TOTAL	3	37	18	55	5	-	5	-	-	-	40	20	60
D) Farmers and farm women (of	f campus)												

Thematic Area	No. of	No	of Participants		Grand Total
	Courses	Other	SC	ST	

<u>с</u>г

													66
		М	F	Т	Μ	F	Т	М	F	Т	М	F	Т
L Crop Production						-			_	_		_	
Weed Management	1	25	0	25	0	0	0	0	0	0	25	0	25
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	1	24	-	24	1	-	1	-	-	-	25	-	25
Seed production	2	47	2	49	1	-	1	-	-	-	50	-	50
Nursery management													
Integrated Crop Management	3	72	2	74	1	-	1	-	-	-	73	2	75
Fodder production													
Production of organic inputs													
Others, (cultivation of crops) INM	7	123	47	170	5	-	5	-	-	-	175	-	175
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management	1	22	-	22	3	-	3	-	-	-	25	-	25
Enterprise development													
Skill development													
Yield increment	3	41	19	60	9	6	15	-	-	-	50	25	75
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	2	24	16	40	1	9	10	-	I	I	25	25	50
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(Floriculture)	1	9	10	19	6	-	6	-	-	-	15	10	25
d) Plantation crops													
Production and Management	1	21	_	21	4	_	4	_	_	_	25	-	25
technology	1	21		21	т		т 						
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management													]
technology													
Processing and value addition													
Others, if any													
f) Spices													

	N. C			C	T. (.1	0,							
Thematic Area	No. of		Othor	NC	o. of Pa	irticipa	nts	1	ст		Grand	l I otal	
	Courses	М	F	Т	М	F	Т	м	F	т	М	F	Т
Production and Management		IVI	1	1	IVI	1	1	IVI	1	1	191	1	1
technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management													
technology													
Post harvest technology and value													
addition													
Others, if any													
III. Soil Health and Fertility													
Management													
Soil fertility management	1	25	-	25	-	-	-	-	-	-	25	-	25
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs	1	24	-	24	1	-	1	-	-	-	25	-	25
Management of Problematic soils	2	40	7	47	1	2	3	-	-	-	41	9	50
Micro nutrient deficiency in crops	2	33	9	42	5	3	8	-	-	-	38	12	50
Nutrient Use Efficiency													
Soil and Water Testing	1	15	8	23	2	-	2	-	-	-	17	8	25
Others, if any													
IV. Livestock Production and													
Management													
Dairy Management	1	23	1	24	1	-	1	-	-	-	24	1	25
Poultry Management	1	18	6	24	1	-	1	-	-	-	19	6	25
Piggery Management			-										
Rabbit Management	2	<i>c</i> 1		<i>C</i> 1	1.4		1.4				75		75
Disease Management	3	61	-	61	14	-	14	-	-	-	/5	-	/5
Pred management	3	02	2	6/	ð 15	-	ð 10	-	-	-	/0	3 7	75
Others, if any Cost forming	1	3 25	3	0	15	4	19	-	-	-	18	/	25
V Home Science/Women	1	23	-	23	-	-	-	-	-	-	23	-	23
empowerment													
Household food security by kitchen													
gardening and nutrition gardening	1	-	25	25	-	-	-	-	-	-	-	25	25
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	1	-	-	-	1	24	25	-	-	-	1	24	25
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for	2		16	16		4	4				-	50	50
empowerment of rural Women	2	-	40	40	-	+	4	-	-	-			
Location specific drudgery reduction	1		23	23		2	2				-	25	25
technologies	1	-	23	43		2	<u> </u>	_	_	_			
Rural Crafts													
Capacity building								L					
Women and child care	1	-	9	9	-	16	16	-	-	-	-	25	25
Others, if any(MARKETTING OF AGRI PRODUCE)	1	20	5	25	-	-	-	-	-	-	20	5	25
VI.Agril. Engineering													
Installation and maintenance of micro													

													00
Thematic Area	No. of			No	o. of Pa	ırticipa	nts				Grand	Total	
	Courses		Other			SC	r		ST			1	
		M	F	Т	Μ	F	Т	Μ	F	Т	M	F	Т
irrigation systems													
Use of Plastics in farming practices													
Production of small tools and													
Implements													
Repair and maintenance of farm													
Small scale processing and value													
addition													
Post Harvest Technology													
Others if any													
VII. Plant Protection													
Integrated Pest Management	7	127	13	140	26	9	35	-	-	-	153	22	175
Integrated Disease Management	3	75	-	75	-	-	-	-	-	-	75	-	75
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													
Tisnes													
Portable plastic carp natchery													
Shrimp forming													
Edible ovstor forming													
Poorl 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	1	-	20	20	-	5	5	-	-	-	-	25	25
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax	1		24	24		1	1					25	25
sheets	1	-	24	24	-	1	1	-	-	-	-	25	
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												<u> </u>	
Group dynamics													

													69
Thematic Area	No. of				Grand Total								
	Courses		Other			SC		ST			7		
		Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of	5	92	21	104	12	2	16				06	24	120
farmers/youths	5	65	21	104	15	3	10	-	-	1	90	24	
WTO and IPR issues													
Others, if any(DIGITAL FARMING)	3	59	2	61	14	-	14	-	-	-	73	2	75
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	66	1101	323	1424	133	88	221	-	-	-	1283	362	1645

# E)RURAL YOUTH (Off Campus)

Thematic Area	No. of			No	. of Pa	rticip	ants				Grand	Total	
	Course	Nc        M      F      T        -      25      25        14      7      21        35      -      35        35      -      35        -      -      -        32      -      35        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      -        -      -      - <t< td=""><td></td><td>SC</td><td></td><td></td><td>ST</td><td></td><td></td><td></td><td></td></t<>				SC			ST				
	S	М	F	Т	М	F	Т	Μ	F	Т	М	F	Т
Mushroom Production	1	-	25	25	-	-	-	-	-	-	-	25	25
Bee-keeping	1	14	7	21	3	1	4	-	-	-	17	8	25
Integrated farming													
Seed production													
Production of organic inputs	2	35	-	35	5	-	5	-	-	-	40	-	40
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	1	23	-	23	2	-	2	-	-	-	25	-	25
Sheep and goat rearing	1	10	13	23	-	2	2	-	-	-	10	15	25
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													

													70	
Thematic Area	No. of	No. of Participants										Grand Total		
	Course	Other			SC				ST					
	S	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т	
Fish harvest and processing technology														
Fry and fingerling rearing														
Small scale processing														
Post Harvest Technology														
Tailoring and Stitching														
Rural Crafts														
Others, if any														
TOTAL	6	82	45	127	10	3	13	-	-	-	92	48	140	

# F) Extension Personnel (Off Campus)

Thematic Area	No. of			No	of Pa	rticip	ants				Grand	Ind Total									
	Course		Other			SC			ST												
	S	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т								
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

·	· · ·												/1
Thematic Area	No. of	No. of Participants Grand Total									al		
	Cours												
	es	1	Othor			SC		1	SТ				
		М	F	т	м	F	Т	м	F	Т	м	F	Т
L Crop Production		111	1	1	111	1	1	IVI	1	1	101	1	1
Weed Management	1	25	0	25	0	0	0	0	0	0	25	0	25
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	1	24	-	24	1	-	1	-	-	-	25	-	25
Seed production	2	47	2	49	1	-	1	-	-	-	50	-	50
Nursery management													
Integrated Crop Management	3	72	2	74	1	-	1	-	-	-	73	2	75
Fodder production													
Production of organic inputs													
Others, (cultivation of crops ) INM	7	123	47	170	5	-	5	-	-	-	175	-	175
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management	1	22	-	22	3	-	3	-	-	-	25	-	25
Enterprise development													
Skill development													
Yield increment	3	41	19	60	9	6	15	-	-	-	50	25	75
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.)													
Vagatable)													
Training and Pruning													
b) Emite													
L ayout and Management of Orchards													
Cultivation of Fruit	2	24	16	40	1	9	10	<u> </u>	_	_	25	25	50
Management of young plants/orchards		24	10	40	1	,	10				23	25	50
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(Floriculture)	1	9	10	19	6	-	6	-	-	-	15	10	25
d) Plantation crops													
Production and Management	1	21		21	4		4				25	-	25
technology	1	~1		21	-								
Processing and value addition													
Others, if any													
e) Tuber crops				ļ									
Production and Management													

													12			
Thematic Area	No. of	No. of Participants										Grand Total				
	Cours															
	es	1			1			1								
	-		Other	m		SC	T		ST	m						
. 1 1		M	F	Т	M	F	Т	Μ	F	Т	M	F	Т			
technology																
Processing and value addition				-												
Others, if any																
t) Spices				-												
Production and Management																
Deserve and value addition																
Others, if any																
g) Medicinal and Aromatic Plants																
Nursery management																
Production and management											ł – –					
technology																
Post harvest technology and value																
addition																
Others, if any																
III. Soil Health and Fertility																
Management																
Soil fertility management	1	25	-	25	-	-	-	-	-	-	25	-	25			
Soil and Water Conservation																
Integrated Nutrient Management																
Production and use of organic inputs	1	24	-	24	1	-	1	-	-	-	25	-	25			
Management of Problematic soils	2	40	7	47	1	2	3	-	-	-	41	9	50			
Micro nutrient deficiency in crops	2	33	9	42	5	3	8	-	-	-	38	12	50			
Nutrient Use Efficiency																
Soil and Water Testing	1	15	8	23	2	-	2	-	-	-	17	8	25			
Others, if any																
IV. Livestock Production and																
Management																
Dairy Management	1	23	1	24	1	-	1	-	-	-	24	1	25			
Poultry Management	l	18	6	24	1	-	I	-	-	-	19	6	25			
Piggery Management																
Rabbit Management		(1		<i>c</i> 1	1.4		1.4									
Disease Management	3	61	-	61	14	-	14	-	-	-	/5	-	/5			
Feed management	3	62	2	6/	8	-	8	-	-	-	/0	5	/5			
Production of quality animal products	1	3	3	6	15	4	19	-	-	-	18	/	25			
V Home Science/Women	1	25	-	25	-	-	-	-	-	-	25	-	25			
v. Home Science/ women																
Household food security by kitchen																
gardening and nutrition gardening	1	-	25	25	-	-	-	-	-	-	-	25	25			
Design and development of																
low/minimum cost diet																
Designing and development for high																
nutrient efficiency diet																
Minimization of nutrient loss in								1		1						
processing								L								
Gender mainstreaming through SHGs	1	-	-		1	24	25		-	-	1	24	25			
Storage loss minimization techniques																
Enterprise development																
Value addition																
Income generation activities for	2		46	46	_	4	4		_		-	50	50			
empowerment of rural Women	-	_	-10			-	-			_						
Location specific drudgery reduction	1	_	23	23	-	2	2	-	-	-	-	25	25			
technologies	-												<u> </u>			
Rural Crafts																
												1	/3			
-----------------------------------------	--------	----------------	-------	-----	----------	----------	------	----------	----	---	-----	--------	-----			
Thematic Area	No. of			No	o. of Pa	articipa	ants				Gra	nd Tot	al			
	es															
			Other			SC			ST							
		М	F	Т	М	F	Т	Μ	F	Т	М	F	Т			
Capacity building																
Women and child care	1	-	9	9	-	16	16	-	-	-	-	25	25			
Others, if any (MARKETTING OF	1	20	5	25	-	-	-	-	-	-	20	5	25			
AGRI PRODUCE)																
VI.Agril. Engineering																
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	7	107	12	140	26	0	25				152	22	175			
Integrated Pest Management	2	127	15	75	20	9	35	-	-	-	155	22	1/5			
Bio control of pests and diseases	3	73	-	75	-	-	-	-	-	-	13	-	75			
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, fike nursery, rearing &																
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																
Sand Production																
Planting material production																
Bio-agents production																
Bio-pesticides production					1											
Bio-fertilizer production																
Vermi-compost production	1	-	20	20	-	5	5	-	-	-	-	25	25			
Organic manures production																
Production of fry and fingerlings																
Production of Bee-colonies and wax	1	_ <sup>_</sup>	24	24		1	1			-	-	25	25			
sheets	1	<u> </u>	r	r	<u> </u>	-	-	<u> </u>				25				
Small tools and implements																

													/4
Thematic Area	No. of			No	o. of Pa	articip	ants				Gra	nd Tota	al
	Cours												
	es				1								
			Other	1		SC	1		ST			r	0
		Μ	F	Т	М	F	Т	Μ	F	Т	Μ	F	Т
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	5	83	21	104	13	3	16				06	24	120
farmers/youths	5	65	21	104	15	5	10	-	-	-	90	24	
WTO and IPR issues													
Others, if any(DIGITAL FARMING)	3	59	2	61	14	-	14	-	-	-	73	2	75
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	66	110 1	323	1424	133	88	221	-	-	-	128 3	362	164 5

#### ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of				No. o	f Partic	ipants				Grand	Total	
	Courses		Other	•		SC			ST				
		Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Mushroom Production	1	-	25	25	-	-	-	-	-	-	-	25	25
Bee-keeping	1	14	7	21	3	1	4	-	-	-	17	8	25
Integrated farming													
Seed production													
Production of organic	2	35		35	5		5				40		40
inputs	2	55	-	33	5	-	5	-	-	-	40	-	
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		ļ											
Value addition		ļ											
Production of quality													
animal products					-								
Dairying	1	23	-	23	2	-	2	-	-	-	25	-	25
Sheep and goat	1	10	13	23	-	2	-	-	-	-	10	15	25
rearing	-					_							

Thematic Area	No. of				No. o	f Partic	ipants				Grand	Total	
	Courses		Other			SC	1		ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
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	6	82	45	127	10	3	13	-	-	-	92	48	140

## iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of				No. of	f Partic	ipants				Grand	Total	
	Courses		Other			SC			ST				
		Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Productivity enhancement in field crops													
Integrated Pest Management	1	7	12	19	1	-	1	-	-	-	8	12	20
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													

													76
Capacity building for													
ICT application													
Care and maintenance													
of farm machinery													
and implements													
WTO and IPR issues													
Management in farm	1	16	1	17	3	_	3	_	_	_	17	3	20
animals	1	10	1	17	5		5				17	5	
Livestock feed and													
fodder production													
Household food													
security													
Women and Child													
care													
Low cost and nutrient													
efficient diet													
designing													20
Production and use of	1	14	5	19	1	-	1	-	-	-	15	5	20
organic inputs				-								-	
Gender													
mainstreaming													
through SHGs													
Crop intensification													
Others if any		27	10		-						40	20	<u>()</u>
TOTAL	3	- 37	18	55	5	-	5	-	-	-	40	20	60

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off /	Numb	er of parti	cipants	Numb	er of SC/S	Т
		r o t		On	Male	Female	Total	Male	Female	Total
				Campus)						
Crop		Paddy production	1	OFC						25
production		in low land								
Crop		Water	1	OFC						25
production		management in								
		pulse crop								
Crop		Fertilizer	1	OFC						25
production		management in								
		sesamum								
Crop		Fertilizer	1	OFC						25
production		management in								
		sunflower								
Crop		Fertilizer	1	OFC						25
production		management in								
		paddy								
Crop		Micronutrient	1	OFC						25
production		application in								
		pulse								
Crop		Weed	1	OFC						25
production		management in								
		groundnut								
Crop		Integrated	1	OFC						25
production		Nutrient								
		Management in								
		greengram								
Crop production		Importance of	1	OFC						25

					77
	lime in pulse				
	crops				
Crop	Importance of	1	OFC		25
production	plant growth				
	regulator				
Crop	Seed production in	1	OFC		25
production	paddy				
Crop	Fertilizer	2	OFC		20
production	management in				
	paddy				
Plant	Integrated Pest	1	OFC		25
protection	Management in				
	Paddy				
Plant	Integrated Pest	1	OFC		25
protection	Management of				
	Spodoptera in				
	groundnut				
Plant	Integrated Pest	1	OFC		25
protection	Management of				
	YMV in green				
	gram				
Plant	Sigatoka disease	1	OFC		25
protection	management in				
	Banana				
Plant	Foot Rot disease	1	OFC		25
protection	management in				
	betel vine				
Plant	Integrated Pest	1	OFC		25
protection	Management of				
	Diamond Back				
	Moth disease in				
	cauliflower			 	 
Plant	Wilt management	1	OFC		25
protection	in solanaceous				
	crop			 	 
Plant	Fruit fly	1	OFC		25
protection	management in				
DI	cucurbits		0.5.0	 	 
Plant	Store grain pest	1	OFC		25
protection	management		0.5.0	 	 
Plant	Rodent	1	OFC		25
protection	management	1	0.50	 	 
Plant	Methods of	1	OFC		25
protection	preparation neem				
D1 (	pesticide	1	0.50	 	 - 25
Plant	Aplary production	1	OFC		25
Dlant	Now concretion	2	OEC	 	20
riall	new generation	2	UFC		20
Hortioulture	Scientific	1	OEC	 	25
nonculture	production	1	ULC		25
	production				
	Banana area				
Hortioultura	Banana Crop	1	OEC	 	25
nonticulture	production and	1	UFC		23
	production and				

						78
	management					
Horticulture	Scientific method of cultivation of tuber crops	1	OFC			25
Horticulture	Production and management of short duration fruit crop Papaya, drumstick	1	OFC			25
Horticulture	Production and management of high value crop.	1	OFC			25
Horticulture	Commercial cultivation of marigold, tuberose	1	OFC			25
Horticulture	Production and management of pointed gourd	1	OFC			25
Horticulture	Scientific production of cole crop	1	OFC			25
Horticulture	Water Management in vegetable crops	1	OFC			25
Horticulture	Vermicompost application in vegetable crops	1	OFC			25
Horticulture	Seed production in vegetable crop	1	OFC			25
Horticulture	High-tech horticulture	2	ONC			25
Horticulture	Management of coconut orchard	2	OFC			20
Agril extn	Role of Krishi Vigyan Kendra in digital India for farming community	1	OFC			25
Agril extn	Doubling the farmer income towards agriculture development	1	OFC			25
Agril extn	Skill development programme for farming community in various sector of agriculture	1	OFC			25
Agril extn	Production and management of green gram cultivation	1	OFC			25
Agril extn	Production and management of groundnut	1	OFC			25

					79
	cultivation				
Agril extn	Production and management of black gram cultivation	1	OFC		25
Agril extn	Upliftment of skill India in the Agril. Sector	1	OFC		25
Agril extn	Up gradation of farmers skill through electronic media	1	OFC		25
Agril extn	Role of KVK for changing the destiny of farmers' income	1	OFC		25
Agril extn	Role of information communication & technology for the benefit of farmers' in digital India	1	OFC		25
Agril extn	Development of managerial skills among the rural youth	1	OFC		20
Soil Science	Importance of soil testing Technique of soil sample collection	1	OFC		25
Soil Science	Fertilizer recommendation on basis of soil test value	1	OFC		25
Soil Science	Management of saline soil for sustainable crop production	1	OFC		25
Soil Science	Use of Biofertiliser in pulse crop	1	OFC		25
Soil Science	Deficiency symptom of macro nutrient and their management in soil	1	OFC		25
Soil Science	Deficiency symptom of micro nutrient and their management in soil	1	OFC		25
Soil Science	Management of Acid soil	1	OFC		25
Soil	Organic farming	1	OFC		20

					80
Science					
Fishery	Fish production with improved Rohu	1	OFC		2:
Fishery	Multiple stocking and harvesting	1	OFC		2:
Fishery	Feeding management in fish	1	OFC		2:
Fishery	Fish seed production	1	OFC		2:
Fishery	Integrated farming system	1	OFC		2:
Fishery	Biologically weed management of pond for pisciculture	1	OFC		2:
Fishery	Fish cum prawn culture	1	OFC		2:
Fishery	Fish feed production in different ways	1	OFC		2:
Fishery	Pond based farming system	1	OFC		2:
Fishery	Fish seed production	1	OFC		2:
Fishery	Multiple stocking and harvesting in fish	2	ONC		20
Animal Science	Dairy farming	1	OFC		2:
Animal Science	Sheep & goat farming	1	OFC		2:
Animal Science	Poultry farming	1	OFC		2:
Animal Science	Fodder production for livestock nutrition	1	OFC		2:
Animal Science	Feed management of dairy animal	1	OFC		2:
Animal Science	Reproductive diseases of livestock & their management	1	OFC		2:
Animal Science	Metabolic diseases of cattle and their nutritional management	1	OFC		2:
Animal Science	Unconventional feed and fodder for livestock and management	1	OFC		2:
Animal Science	Care and management of	1	OFC		2:
belefice	management of				

					81
	heifer , pregnant animal and new born calf				
Animal Science	Milk and milk product processing and marketing	1	OFC		25
Animal Science	Income generation through dairy farming	1	ONC		25
Animal Science	Income generation through sheep goat farming	1	ONC		25
Animal Science	New diagnostic techniques for livestock health management	2	OFC		20
Home Science	Vermicomposting from spent mushroom substrates	1	OFC		25
Home Science	Apiary for income generation	1	OFC		25
Home Science	Value added products making from oyster mushroom	1	OFC		25
Home Science	Women friendly implements for drudgery reduction	1	OFC		25
Home Science	Management of women SHGs	1	OFC		25
Home Science	Principles and practices of better marketing of agri producer	1	OFC		25
Home Science	Cultivation of paddy straw mushroom in agro shade net	1	OFC		25
Home Science	Management of nutritional garden in backyard	1	OFC		25
Home Science	Importance & requirement of daily nutrition for children	1	OFC		25
Home Science	Importance of nutrition for pregnant lactating women	1	OFC		25
Home Science	Oyster mushroom production	1	OFC		25
Home	Paddy straw	1	OFC		25

						82
Science	mushroom cultivation (In house)					
Home Science	Vermicomposting	2	OFC			20

## H) Vocational training programmes for Rural Youth

Details	of	training	programmes	for	Rural	Youth
	$v_{J}$		programmes.	<i>JCi</i>	1 (000 000	100000

Crop /	Identifi ed	Trainin	Durati	No.	of Particip	ants	Self employed after training			Number of persons employed else where
rise	Thrust Area	g title*	on (days)	Male	Female	Total	Type of units	Number of units	Number of persons employed	
Veget	Planti	Planti	5	20	-	20	Nurse	1	2	1
ables	mater	materi					Ty			
	ial	al								
		produ ction								
Lives	LPM	Scient	5	17	3	20	Goat	1	2	2
tock		1f1C								
		ds of								
		live								
		stock								
		rearin								
		g								
Bee	Apiar	Com	5	19	1	20	Apiar	2	1	1
keepi	У	merci					У			
ng		al bee								
		ng								
Value	Value	Fruit	5	_	20	20	Preser	3	6	1
additi	additi	and	5		20	20	vation			1
on	on	veget					unit			
		able								
		preser								
		vation								

\*training title should specify the major technology /skill transferred

## I) Sponsored Training Programmes

S	T:41	Them	M ont h	Durati on (days)	Cl ie nt	No. of cours				No.	of Part	icipant	s				Sponsor ing
I. N	110	atic			PF	es	1	Male		F	Female			Tota	al		Agency
0	C	area			/R Y/ EF		Other s	SC	S T	Othe rs	SC	ST	Othe rs	SC	ST	To tal	
1.																	

									83
2.									
3.									
4									

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

		Farmers		Exte	nsion Offi	cials	Total				
Nature of Extension Activity	No. of activiti es	М	F	Т	SC/ ST (% of total )	Male	Female	Total	Male	Female	Total
<u> </u>	1.5	410		450	27.2	1.6		10	224		270
Field Day	15	418	82	450	27.2	16	2	18	334	44	3/8
Kisan Mela	1								500	112	612
KisanGhosthi	0	1000	60.0		1 - 1		10	100			
Exhibition	8	1820	680	2500	16.4	82	18	100			
Film Show	64	540	482	1022	40	8	2	10			
Method Demonstrations	5										
Farmers Seminar											
Workshop											
Group meetings	24			720							
Lectures											
delivered as	25			750							
resource persons											
Advisory Services	300	184	116	300							
Scientific visit to farmers field	180	350	200	550							
Farmers visit to KVK	980	845	135	980							
Diagnostic visits											
Exposure visits	5	62	8	70							
Ex-trainees Sammelan	2	35	15	50							
Soil health Camp	2	108	17	125	32	3	-	3	111	17	128
Animal Health Camp	4	99	11	110	16.7	4	-	4	103	11	114
Agri mobile clinic	1	60	-	60	25	-	-	-	60	-	60
Soil test campaigns	2	75	5	80	20	2	-	2	77	5	82
Farm Science Club Conveners meet	15	300	150	450	16	2	-	2	302	150	452
Self Help Group Conveners meetings	1	-	50	50	12	2	2	4	2	52	54

											84
MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	4	114	86	200	30	12	2	14	126	88	214
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	8	120	80	200	20	2	-	2	122	80	202
MahilaKisan Divas	1	-	50	50	10	2	2	4	2	52	54
Any Other (Specify) Total											

## B. Other Extension activities

Nature of Extension Activity	No. of activities				
Newspaper coverage	16				
Radio talks	15				
TV talks	7				
Popular articles	5				
Extension Literature	6				
Other, if any leaflet	2				
Booklet	8				
News letter	4				

#### a. Production and supply of Technological products 3.5

#### Village seed

Сгор	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

Сгор	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Paddy	Swarna sub-1	550	1305200	-
Blackgram	PU-31	12	132960	-
Fish fingerling	IMC	78250 (N0)	96950	75

				83
Fish yearling	IMC	0.19	3800	5
Azolla	A.pinnata	0.8	1600	33
Grand Total				

## Production of planting materials by the KVKs

Сгор	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				
Others (Drumstick,	PKM-1	450	2250	57
Pointed gourd	Swarna aloukik	1000	10000	8
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**

	Quantity		
Name of product	Kg	Value (Rs.)	No. of Farmers benefitted
Bio-fertilizers			
Bio-pesticide			
Bio-fungicide			
Bio-agents (Vermi culture)	23	11500	23
Others, please specify.			
Total	23	11500	23

Production of livestock materia	als			
Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)Azolla	A.pinnata	0.8	1600	33
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Fish fingerlings	IMC	78250 (N0)	96950	75
Spawn				
Others (Pl. specify) Yearling	IMC	0.19	3800	5
Grand Total			102350	113

#### **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	Production	Category of
				(ha)		Seed
						(F/S, C/S)
Kharif 2017						
Rabi 2017-18						

			87
Summer/Spring 2018			

#### iii) Financial Progress

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

#### iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/				
symposia papers				
Books				
Bulletins				
News letter	Nilachala Barta	KVK Puri	4	2000
Popular Articles	Milk product preparation from surplus milk	Scientist (A.Sc.)	1	Mass
Book Chapter				
Extension		KVK Puri	8	400
Pamphlets/ literature				
Technical reports	KVK reports	KVK Puri	22	22
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:

S1.	Name o	of	Name of course	Name of KVK personnel	Date and Duration	Organized by
No.	programme			and designation		
1.	Orientation		Refresher course	Scientist (A.Sc.)	30.01.18 to	ATARI,Kolkata
2.	programme a	ıt		Scientist (Agril. Extn.)	06.02.18	
3.	ATARI,Kolkata			Scientist (Agro.)		
4.				Scientist (H.Sc.)		
5.				Scientist (PP.)		

					88
6.			Prog Asst.(Soil Sc.)		
7.	International conference of Extn.	Conference	Senior Scientist & Head Scientist (H.Sc.)	1.02.18 to 03.02.18	CIWA, ICAR
8		Principle & practices of management		05.03.18	DEE, OUAT
9	Workshop	Extn. Strategy for promotion of climate smart livelihood	Scientist (A.Sc.)	12.09.17 to 14.09.17	MANAGE, hydrabad
10	Seminar	Opportunity and challenges of translation research	Scientist (A.Sc.)	22.09.17 to 23.09.17	
11	Conference	Improving income of farmers through agriculture & aquaculture	Scientist (A.Sc.)	05.01.18 to 07.01.18	CIFA, BBSR
12	Training	Training on Mridapaskhyak	Prog.Asst(Soil.Sc.)	04.08.17	ATARI,Kolkata

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

Name of farmer	Sri Sudarshan Barik
Address	Adangapada, Pipili,Puri, Odisha
Contact details (Phone, mobile, email Id)	8018705409
Landholding (in ha.)	1.2
Name and description of the farm/	Paddy (Swarna)
enterprise	Pulse (Green gram)
	Mushroom (open method)
	Poultry (Local breed)
	Vermicomposting
	Pisciculture (IMC)
	Honey
Economic impact	Initial income- Rs.46300
	Income after KVK intervention -Rs,75276 (62.5%
	Increase)
Social impact	Financial, Member of farmers' club
Environmental impact	
Horizontal/ Vertical spread	10%, 15%

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

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

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Paddy	0.8	37q/ha	1	Ν
2	Vegetables	1	180 q/ha	1	Ν

#### 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	Mridaparikshak mini kit	2

#### 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			
366	40	406	1051	24	Nil

#### 3.11.c. Details on World Soil Day

S1.	Activity	No. of	No. of VIPs	Name (s) of VIP(s)	Number of Soil	No. of
No.		Participants			Health Cards	farmers
					distributed	benefitted
1	2	350	23	Sri S.Chandrasekhar	125	500
				Rao, DDA, Puri		
				Sri Nabakishore Tad,		
				DDH, Puri		
				Sri Manoranjan		
				Mishra,		
				ADR,RRTTS,		
				Coastal zone		
				Mrs.Sasmita Pradhan		
				Chaieman, Satyabadi		
				Dhruba Charan		
				Dash, Zilla		
				parishad		
				Pratap Nayak,		
				Sarapanch,		
				Sansandra		

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

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 - NA

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

#### 3.14. RAWE/ FETprogramme - is KVK involved? (Y/N)- NO

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
04.11.17	Hon'ble VC, OUAT	Review
10.11.17	Director ATARI, Principal Sc, ATARI	Visit
17.11.17	Principal Sc,ATARI	Visit
05.12.17	Block Chairman	Visit
12.12.17	ADG, Extn ICAR, Principal Sc,ATARI	SAC meeting & CFLD field visit
19.12.17	Members of NIti Ayaga	KVK ranking, field visit

#### 4. IMPACT

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

Name of specific	No. of	% of adoption Change in in		me (Rs.)
technology/skill transferred	participants		Before	After (Rs./Unit)
			(Rs./Unit)	
Value addition of vegetable,	20	60	500	2000
Apiary	20	30	Nil	800
Planting material production	20	5	600	3000

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		
Saline tolerant variety Luna Subarna			
Submergence tolerant variety Swarna Sub-1			

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	Famer producer organisation			
Name & complete address of the	OMM SAI BABA MAHILA UTPADAK GOSTI,			
entrepreneur	President: Smt. Gouripriya Mohapatra			
	Village:Nuasahi			
	Block: Nimapada			
Role of KVK with quantitative data	KVK Intervention:			
support:	Group meetings (6 nos),			
	<ul> <li>Motivated the interested members of different SHGs to form FPO</li> </ul>			
	<ul> <li>Imarted training (Honey bee, Value added products, Mushroom)</li> </ul>			
	Linkage (OLM, DSMS, CDB, DIC, MSME, CIWA, F&N Board Gol Dept of Horticulture)			
	Food licensing			
	<ul> <li>Project Prenared by KVK</li> </ul>			
	Loan sanctioned- (KVIC): Rs 3000000			
	<ul> <li>Market Linkage (ORMAS exhibitions, fairs, reliance fresh)</li> </ul>			
Timeline of the entrepreneurship	KVK Intervention:			
development	$\blacktriangleright$ Group meetings (6 nos),			
	<ul> <li>Motivated the interested members of different SHGs to form FPO</li> </ul>			
	<ul> <li>Imarted training (Honey bee, Value added products,</li> <li>Muchanem)</li> </ul>			
	$\searrow \text{ Linkage (OLM DSMS CDB DIC MSME CIWA E&N)}$			
	Board Col Dept of Horticulture)			
	Ecod licensing			
	<ul> <li>Project Prenared by KVK</li> </ul>			
	Loan sanctioned- (KVIC): Rs 3000000			
	Market Linkage (ORMAS exhibitions, fairs, reliance fresh)			
	/ Market Emilage (Origin is exhibitions, fairs, femalee fresh)			
Technical Components of the Enterprise	3 years			
Status of entrepreneur before and after the	Initial Status: Rs 50000 balance, 10 member			
enterprise	Members of WSHGs involved in no economic activities			
	Product:			
	✓ Virgin coconut oil			
	✓ Honey			
	✓ Value added products			
	<ul> <li>Fruit squash</li> </ul>			
	<ul> <li>Sauce / Puree</li> </ul>			
	<ul> <li>Pickles</li> </ul>			
	<ul> <li>Dehydrated products</li> </ul>			

	92						
Present working condition of enterprise in	Present status: Balance 35Lakh, 150 members						
terms of raw materials availability, labour	Future Prospects:						
availability, consumer preference,	➢ Food processing Industry (Coconut desiccated fibers,						
marketing the product etc. ( Economic	Packaged Coconut water)						
viability of the enterprise):	$\succ$ 1000 members						
	Network marketing						
	Employment generation						
Horizontal spread of enterprise	▶ Linkage (OLM, DSMS, CDB, DIC, MSME, CIWA, F&N						
	Board, GoI, Dept of Horticulture)						
	Food licensing						
	<ul><li>Field day, Exhibitions</li></ul>						

4.6. Any other initiative taken by the KVK- NA

#### 5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
OLM, DSMS, CDB, DIC, MSME, CIWA, F&N Board, GoI, Dept of Horticulture, Agriculture, Fishery, Animal Husbandry, CARI, CROP PRODUCTIONDO- ICAR, IRRI, CSISA, RKVY, Reliance foundation, AIR, DD	Project proposal, Exhibition, Inputs, Exposure visit, Financial linkage for enterprenureship development, resource person, Head to Head trial, Infrastructure development, Technical support, Advisory, Mass dissemination of technology

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.)
World Soil Health Day	Awareness	05.12.17	ICAR	80000
Live web telecast of Hon'ble PM, GOI	Awareness	17.03.18	ICAR	50000

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

#### 6. PERFORMANCE OF INFRASTRUCTURE IN KVK - NA

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

									93
<b>S</b> 1	Nama of	Year	Area	Details of	production		Amoun	t (Rs.)	
No	domo Unit	of	(Sq.	Variety/bree	Droduce	Otv	Cost of	Gross	Remarks
INO.	denio Unit	estt.	mt)	d	Produce	Produce Qiy.	inputs	income	
1.									
2.									
3.									
4.									
5.									
6.									
7.									
	Total								

#### 6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date	ha)	Details	s of production	on	Amou	ınt (Rs.)	
		of harvest	Area (	Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	Remarks
Watermelon	17.02.18	27.04.18	0.6	F1-Ichiban gold	Fruit	7Qn		5680	
Cucumber	19.02.18	11.04.18 to 21.04.18	0.3Ac	Supriya	Vegetable	1.2Qn		1200	
Pumpkin	13.02.18	29.04.18 to 21.05.18	1 Ac	Guamal	Vegetable	10.3Qn		10200 (Approx)	
Bitter gourd	21.02.18	15.04.18 to 21.05.18	0.1Ac	Nakhara (Improved)	Vegetable	0.5Qn		600	

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

SL	Name of the		Amou		
No.	Product	Qty. (Kg)	Cost of inputs	Gross income	Remarks
1.	Vermiculture	23	1400	11500	

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

S1.	Name	Details of production			Am	ount (Rs.)	
No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
1.	Fingerling & yearling	IMC	Seed	78250 No + 0.19q	40000	96950	
2.	Azolla	A.pinata	Seed	0,8q	800	1600	
3.							

6.5. Utilization of hostel facilities - NA

Accommodation available (No. of beds)

			51
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 - NA

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	QI	QII	Q III	QIV	QV	QVI

#### 7. FINANCIAL PERFORMANCE

#### 7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	SBI	Sakhigopal, Puri	11346446097
Current	SBI	Sakhigopal, Puri	30356069907

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

	Release	d by ICAR	Expe	enditure	
Item	Kharif	Rabi	Kharif	Rabi	Unspent balance as on -
Groundnut		425000		366098	58902
Sunflower		60000		47579	12421
				Total	71323

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

	Budget Provision by ICAR		Expenditure		Unspent balance
Item	Kharif	Rabi	Kharif	Rabi	as on 1 <sup>st</sup> April
					2013
Greengram		225000		183629	41371
		225000		170288	54712
Blachgram		(Budget Not			
		Received)			

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

Sl.	Particulars	Sanctioned	Released	Expenditure
No.				
A. Re	curring Contingencies			
			-	
1	Pay & Allowances	91,50,000	91,50,000	
2	Traveling allowances	1,50,000	1,50,000	
3	Contingencies			
Α	OE & POL	5,60,000	5,60,288	
В	Training, Meals, Training IS, Training RY	4,20,000	5,06,595	
С	FLD	2,80,000	2,33,253	
D	OFT	1,40,000	98,664	

E						
F						
G						
H						
Ι						
J	Swatchta Expenditure					
	TOTAL (A)	1,07,00,000	15,48,800	15,48,800		
B. No	on-Recurring Contingencies					
1	Office equipment, furniture &	3,00,000	3,00,000	246984		
2	Maintenance of pond(Renovation)	2,00,000	2,00,000	2,00,000		
3						
4						
	TOTAL (B)		20,48,800	20,48,800		
C. RE	C. REVOLVING FUND					
	GRAND TOTAL (A+B+C)					

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

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year (Kind + cash)
2015-16	4,45,528	2,14,702.00	6,59,415.75	814.25
2016-17	814.25	15,12,310.75	14,89,377.50	23747.50
2017-18	O.B-23747.50 Loan DEE+ 2,00,000	14,13,226	768915.99	4,22,717 (Loan for pulse and world soil day) 4,00,000 (DEE profit & loan amount) Closing Balance :46230.01

<sup>7.6. (</sup>i) Number of SHGs formed by KVKs-2

- (ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities-6(Mushroom,Apiary, Value addition, Fishery, Poultry)
- (iii) Details of marketing channels created for the SHGs- OLM, DIC, MSME,
- 7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number activity	of	Season	With line department	With ATMA	With both
World Soil Health Day	1		Rabi			$\checkmark$
World Metrological Day	1		Rabi			$\checkmark$
Live Web Telecast of Hon'ble PM	1		Rabi			$\checkmark$
Gram Swaraj Abhiyan- Krushi Kalyan Diwas	1		Rabi			$\checkmark$

#### 8. Other information

8.1. Prevalent diseases in Crops - No reporting in the operational area

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
			(iii iiu)	1055	

#### 8.2. Prevalent diseases in Livestock/Fishery- No reporting in the operational area

Name of the	Species affected	Date of	Number of	Number of	Preventive
disease		outbreak	death/ Morbidity	animals	measures
			rate (%)	vaccinated	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	То	М	F	

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

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

### 9.3. mKisanPortal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	18	72345
Livestock	6	72345
Fishery	4	72345
Weather	2	72345
Marketing	2	72345
Awareness	4	72345
Training information	0	72345
Other	5	72345
Total	41	72345

#### 9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	

2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KVK	NO
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

## b. Details of Swachhta activities with expenditure

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

details)	
Total	

#### 9.6. Observation of National Science day - NA

Date of Observation	Activities undertaken		

#### 9.7. Programme with Seema Suraksha Bal (BSF) - No

Title of Programme	Date	No. of participants

#### 9.8. Agriculture Knowledge in rural school: NA

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

Give good quality 1-2 photograph(s)

## 9.9. Details of 'Sankalp Se Siddhi'Programme – Not organized

Dat e	No. of Union	No. of Hon'ble	No. of State		Participants (No.)						Cove rage	Cove rage
of pro gra mm e	Ministers attended the programme	MPs (Loksabha/ Rajyasabha) participated	Govt. Minister s	MLAs Attende d the program me	Chairm an ZilaPan chayat	Distt. Collecto r/ DM	Bank Offici als	Farmers	Govt. Official s, PRI member s etc.	Total	by Door Dars han (Yes/ No)	by other chan nels (Nu mber )

## 9.10. Details of Swachhta Hi Sewa programme organized -NA

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

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

Sl. No.	Activity	No. of villages Involved	No. of Particip ants	No. of VIPs	Name (s) of VIP(s)
1	1	2	60	2	AHO, Pipili CDVO, Puri

Sl.	Name of Farmer	Address of the	Innovation/ Leading in enterprise
110.		contact no.	
1.	Sri Sudarshan Barik	Adangapada,	Mushroom & Fishery &
		Pipili	Poultry
2.	Sri Biswanath	Gadatorihan,	Goat,
	Choudhuri	Nimapada	
3.	Sri Debashis Mohanty	Gopalpur,	Fish Seed
		Nimapada	
4.	Sri Bhagirathi Barik	Dalabhanapur,	High Value crops
		Nimapada	
5.	Sri Banshidhara Dalei	Othaka,	Dairy
		Kakatpur	
6.	Sri Jayram Das	Othaka,	Betelvine
		Kakatpur	
7.	Sri Sushant Satpathy	Jaypur,	Paddy seed
		Satyabadi	
8.	Miss, Krushna Das	Gualigorada,	IFS
		Satyabadi	
9.	Sri Dilip Bral	Resinga,	Seed production(Paddy, Pulse)
		Nimapada	
10.	Mrs. Gouripriya	Nuasahi,	FPO
	Mohapatra	Nimapada	
11.	Sri Kailash Ch.Sahoo	Subarnapur,	Fish seed
		Gop	
12.	Sri Santosh Jena	Jadupur,	Poultry, Organic vegetable
		Krushnaprasad	
13.	Sri Kailash Pradhan	Naiguan, Puri	IFS

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

## 9.13.HRD programmes attended by KVK person

Training programme/	Duration	Name of the	Designation	Organizer of the
Seminar/ Symposia/		participants	-	training Programme
Workshop etc attended				
Orientation programme at	30.01.18 to	Dr. S Ranabijuli	Scientist (A.Sc.)	ATARI,Kolkata
ATARI,Kolkata	06.02.18	Dr. S. Paramaguru	Scientist (Agril.	
			Extn.)	
		Sri. S.Taria	Scientist (Agro.)	
		Dr.J.Udgata	Scientist (H.Sc.)	
		Sri.S.Baral	Scientist (PP.)	
		Dr.P.Majhi	Prog Asst.(Soil	
		-	Sc.)	
International conference of	1.02.18 to	Dr.S.Mohanty	Senior Scientist &	CIWA, ICAR
Extn.	03.02.18		Head	
		Dr.J.Udgata	Scientist (H.Sc.)	
Principle & practices of	05.03.18	Dr.S.Mohanty	Senior Scientist &	DEE, OUAT
management			Head	
Workshop	12.09.17 to	Dr. S Ranabijuli	Scientist (A.Sc.)	MANAGE, hydrabad
Extn. Strategy for promotion	14.09.17	-		-

					10
of climate smart livelihood					
Seminar	22.09.17	to	Dr. S Ranabijuli	Scientist (A.Sc.)	
Opportunity and challenges	23.09.17				
of translation research					
Conference	05.01.18	to	Dr. S Ranabijuli	Scientist (A.Sc.)	CIFA, BBSR
Improving income of farmers	07.01.18				
through agriculture &					
aquaculture					
Training	04.08.17		Dr. S Ranabijuli	Prog.Asst(Soil.Sc.)	ATARI,Kolkata
Training on Mridapaskhyak					

#### 9.14. Revenue generation - NA

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

#### 9.15. Resource Generation: NA

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 - NA

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

## 9.17. Contingent crop planning

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

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

- a) Year:
- b) Introduction / General Information:

	Title	Objective	Treatment	Date of	Replication	Result with
			details	sowing		photographs
Experiment 1						
Experiment 2						
Experiment 3						

			101
Others (If any)			

#### 11. Details of TSP - NA

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

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

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

#### c. Achievements of physical outcomeunder TSP during 2017-18

S1. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural	No. per	
	implements/ tools etc.	household	

#### d. Location and Beneficiary Details during 2017-18

District	Sub- district	No. of Village covered	Name of village(s) covered	2	ST population benefitted (No.)	
				М	F	Т

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

#### Natural Resource Management

Name of intervention undertaken	Numbers under	No of	Area (ha)	No of farmers	Remarks

			102
taken	units	covered / benefitted	

#### Crop Management

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

#### Livestock and fisheries

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

#### Institutional interventions

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

## Capacity building

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

## Extension activities

Thematic area	No. of	N	No. of beneficiariesMalesFemalesTotal		
	activities	Males	Females	Total	

# Detailed report should be provided in the circulated Performa

#### 13. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	<b>Best presentation</b>	2017	ATARI	-	24 <sup>th</sup> zonal

award during the		workshop
24 <sup>th</sup> zonal		-
workshop held at		
Burhanpur, MP		

Award received by Farmers from the KVK district

Iwara	received by I arme		uistiitet			
S1.	Name of the	Name of the	Year	Conferring Authority	Amount	Purpose
No.	Award	Farmer				
1	Progressive	Sri. Babuli	2017	OUAT		Foundation
	farmer	Parida				Day
		Adhangapada,				
		Pipili				
2	Progressive	Miss.	2017	OUAT		Foundation
	farmer	Krushna Dash				Day
		Gualigorada,				
		Nimapada				

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)

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

## 16. Integrated Farming System (IFS)

#### Details of KVK Demo. Unit

S1.	Module	Area under	Production	Cost of	Value realized in	No. of farmer	% Change in
No.	details	IFS (ha)	(Commodi	production	Rs.	adopted	adoption during
	(Compone		ty-wise)	in Rs.	(Commodity-	practicing IFS	the year
	nt-wise)		-	(Componen	wise)		-
				t-wise)			

17. Technologies for Doubling Farmers' Income

S1.	Name of the	Brief Details of	Net Return to	No. of farmers	One high
No.	Technology	Technology (3-	the farmer (Rs.)	adopted the	resolution
		5 bullet points)	per ha per year	technology in	'Photo' in 'jpg'
			due to the	the district	format for each
			technology		technology
1					
2					

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

	Database pre	pared/ covered for	KVK leve	l Committee	Various activity
Phase	Total no. of Total no. of		Date of	Name of	conducted for farmers
	villages	farmers	formation	members	

I (up-to 15.03.2018)			
II (up-to 24.04.218)			
Total			

## 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