

ANNUAL PROGRESS REPORT

April 2016 to March 2017

KRISHI VIGYAN KENDRA JHARSUGUDA

**ORISSA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
BHUBANESWAR**

Contents

Sl. No.	Particular	Page No
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17	3
1	General Information	5
2	On Farm Testing	11
3	Achievements of Frontline Demonstrations	15
4	Agriculture Module	22
5	Documentation of the need assessment conducted by the KVK for the training programme	24
6	Training programmes	25
7	Extension Activities	33
8	Literature Developed/Published (with full title, author & reference)	34
9	Production and supply of Technological products	35
10	Activities of Soil and Water Testing Laboratory	36
11	Rainwater Harvesting	36
12	Utilization of Farmer Hostel facilities	37
13	Utilization of Staff Quarter facilities	37
14	Details of SAC Meeting	37
15	Status of Kisan Mobile Advisory	38
16.	Status of Convergence with agricultural schemes	38
17.	Status of Revolving Funds	38
18.	Awards & Recognition	38
19.	Details of KVK Agro-technological Park	39
20.	Farm Innovators	39
21.	KVK interaction with progressive farmers	39
22.	Outreach of KVK	40
23.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	40
24.	KVK Ring	40
25.	Important visitors to KVK	41
26.	Status of KVK Website	42
27.	Status of E-connectivity	42
28.	Status of RTI	42
29.	Status of Citizen Charter	42
30.	Attended HRD activities organized by ZPD	42
31.	Attended HRD activities organized by DES	43
32	Attended HRD activities by KVK Staff	43
33.	Agri Alert report	43
34.	Details of Technological Week Celebration	43
35.	Interventions on Drought Mitigation	44
36.	Proposal of NICRA	45
37.	Proposed works under NAIP	46
38.	Case study / Success Story to be developed	47
4	Action Photographs	49

REPORTING PERIOD – April 2016 to March 2017

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	8	96	
	On Going OFT	2	18	
	Technologies assessed (Completed OFT)	4	41	
	Technologies refined	-	-	
	On farm trials conducted	6	59	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	12	120	
	On Going Frontline demonstrations	2	110	
	FLDs conducted on crops	6	143	
	Area under crops (ha.)		41.8	
	FLD on farm implement and tools	1	10	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-	-	
	FLD on Fisheries - Finger lings	-	-	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-	-	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	-	-	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	18	18	450
	Farm women	-	-	-
	Rural youth	10	20	150
	Extension personnel/ In service	7	7	70
	Vocational trainings	2	10	20
	Sponsored Training	1	2	30
	Total	38	57	720
		No. of programmes	Participants	
4	Extension Programmes	602	2522	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	3	6	
	Planting material produced (nos.)	260120	57	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)	750	12	

7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	13	15
	Mushroom Spawn (No.)	100	6
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	824	10
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	--	--
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	1	1
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	4	2000
	KVK News letter	2	1000
	SAC Meetings conducted	1	30
	Soil sample tested	139	692
	Water sample tested	0	0
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	47	14500
	Convergence programmes	2	230
	Sponsored programmes	1	30
	KVK Progressive Farmers interaction		
	No. of Technology Week Celebrations		
	Attended HRD activities organized by ZPD	3	3
	Attended HRD activities organized by DES	3	3
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	--	--
9	Current status of Revolving Funds (Amt. in Rs.)		
10		No. of blocks	No. of villages
	Outreach of KVK in the District	5	15
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	1	3 14
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	Need based
13		Application received	Application disposed
	Status of RTI (nos.)	--	--
14		Query received	Query dissolved
	Citizen Charter (nos.)	--	--
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	--	--
16		Filled	Vacant
	Staff Position (Four Scientist & One P.A post vacant)	10	6
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		
18	Publication received from ICAR /other organization (nos.)	4	
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	--	--

GENERAL INFORMATION

1.1. Staff Position (31.03.2017)

Summary of Staff position in KVKs on March, 2017

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Jharsuguda	16	1	1	6	2	3	2	6	5	16	10

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
Jharsuguda	Sr. Scientist & Head	Dr. Biswa Ranjan Pattanaik	Extension Education	Ph.D	Agril. Extension	15600-39100	17800	31.08.2012	Permanent	Others
Jharsuguda	Scientist	Sri M.K. Barik	Extension Education	M.Sc (Ag.)	Agril. Extension	15600-39100	21390	07.12.2006	Permanent	OBC
Jharsuguda	Scientist	Sri Prabhanjan Mishra	Horticulture	M.Sc (Ag.)	Horticulture	15600-39100	16920	19.11.2014	Permanent	Other
Jharsuguda	Scientist	Vacant	Animal Science	--	--	--	--	--	--	--
Jharsuguda	Scientist	Vacant	Home Science	--	--	--	--	--	--	--
Jharsuguda	Scientist	Vacant	Plant Protection	--	--	--	--	--	--	--
Jharsuguda	Scientist	Vacant	Agronomy	--	--	--	--	--	--	--
Jharsuguda	Programme Assistant	Vacant	--	--	--	--	--	--	--	--
Jharsuguda	Farm Manager	Ms. Madhuri Toppo	--	B.Sc (Ag)	--	9300-34800	9710	16.12.2015	Permanent	ST
Jharsuguda	Computer Programmer	Sri Bishnu Ranjan Padhi	Computer Sc.	B.E	Computer Sc.	9300-34800	14670	--	Permanent	Others
Jharsuguda	Accountant / superintendent	Vacant	--	--	--	--	--	--	--	--
Jharsuguda	Stenographer	Sri Pradip Ku. Nayak	--	BA	Stenography	5200-20200	7270	23.12.2013	Permanent	Others
Jharsuguda	Driver	Sri Sanjay Ku. Panda	--	HSC	Driving	5200-20200	6860	07.11.2015	Permanent	Others
Jharsuguda	Driver	Sri Samanta Mallick	--	--	Driving	5200-20200	5200	28.07.2015	Permanent	SC
Jharsuguda	Supporting staff	Kamala Nag	--	7 th	--	4440-7440	5380	29.07.2008	Permanent	SC
Jharsuguda	Supporting staff	Akshya Ku. Swain	--	7 th	--	4440-7440	5380	01.07.2014	Permanent	Others

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Jharsuguda	Western Central Table Land Zone and North Western Plateau Zone	5	78	579505	78.36	104620 (SC) 176758 (ST)	32716	1.0 ha

a. ADMINISTRATIVE UNITS

Sub-Division	1	Jharsuguda
Tahasils	5	Jharsuguda, Lakhanpur, Laikera, Kolabira & Kirmira
Blocks	5	Jharsuguda, Kirmira, Kolabira, Laikera, Lakhanpur
Urban Local Bodies	3	Jharsuguda, Brajarajnagar & Belpahar
I.C.D.S	7 (Rural-5) (Urban-2)	Jharsuguda, Brajarajnagar
GPs	78	Jharsuguda-17,Lakhanpur-33,Kirmira-8,Kolabira-9, Laikera-11)
Revenue villages	352	
Police Stations	10	Jharsuguda, Badmal, Kolabira, Laikera, Brajarajnagar, Orient, Belpahar, Banharpali, Lakhanpur & Rengali)

b. District Information

Formation of the District	01.01.1994
Area (in Sq. kms)	2114 Sq. Kms
Total Population - (2011 Census)	579505
Male	296690
Female	282815
Population Growth (%)	13.69
Population Density/Km ²	274
Male Literacy	86.61
Female Literacy	70.73
Normal rainfall (mm)	1362.8
Normal Rainy days	66.2
Gross Cropped area (000' ha)	87

FARM FAMILIES	:	46,540
Small farmers	:	19,695 (42%)
Marginal farmers	:	17,189 (44%)
Big farmers	:	9,685 (14%)
Agriculture labourers	:	46,507

c. Agricultural Land Use pattern of Jharsuguda District

Geographical Area	208100 ha
Forest Area (000' ha)	20
Misc. Tree & grooves (000' ha)	6
Permanent pasture (000' ha)	20
Cultivable waste (000' ha)	15
Land put to non-agricultural use (000' ha)	39
Barren & un cultivable land (000' ha)	17
Current fallow (000' ha)	27
Other fallow (000' ha)	3
Net Sown Area (000' ha)	61

d. Other Agricultural information of Jharsuguda District

Total Cultivated Area (000' ha)	90
Kharif paddy Coverage (000' ha)	40
Gross Cropped area (000' ha)	80.98
Cropping Intensity (000' ha)	133
Total Irrigated Area (Kharif) (000' ha)	20.205
Total Irrigated Area (Rabi) (000' ha)	10.364

Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1.	Western Central Table Land Zone	Geographical area 1521 sq km, 300 m high from MSL, Soil is red & calcareous, Temperature ranges from 12.4 °C to 40 °C , Average annual rain fall 1362 mm
2.	North Western Plateau Zone	Geographical area 560 sq km, 300 m high from MSL, Soil is acidic, Temperature ranges from 15 °C to 38 °C , Average annual rain fall 1368 mm

Soil type/s

The soil is mostly lateritic. Red and Yellow soils are found in small patches of Kolabira block only. Soil reaction is generally acidic in Jharsuguda, Lakhanpur and Kirimira and almost neutral in Laikera and Kolabira block.

Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise		
1.	Agricultural crops	-	Paddy, Maize, Bengal gram, Black gram , Greengram, Sesamum, Groundnut, Mustard & Sunflower
2.	Vegetables	-	Tomato, brinjal, cauliflower ,cabbage, cowpea, radish, okra, chili, bean, drumstick, ginger
4.	Fruit crops	-	Mango, lemon, banana, guava,. Jack fruit, papaya,Pomegranate,Litchi,
5.	Livestock	-	Cattle,bufallow, goat, poultry, sheep,pig
6.	Fishery	-	Fresh water pisciculture.

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Jharsuguda	Rengali	2016	Laikera	50	450	110
Jharsuguda	Durlaga	2016	Jharsuguda	42	680	120
Jharsuguda	Banjari	2014	Lakhanpur	60	1021	261
Jharsuguda	Kadabahal	2016	Kirmira	32	800	96
jharsuguda	Ghantamal	2016	Kolabira	40	630	150

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Jharsuguda	Crop diversification and varietal replacement
Jharsuguda	Integrated Nutrient Management
Jharsuguda	Off-season vegetable cultivation
Jharsuguda	Production of quality seeds, seedlings and planting materials
Jharsuguda	IPM, IDM& Weed management in crops.
Jharsuguda	Market led production strategies
Jharsuguda	Women empowerment through Income Generating Activities
Jharsuguda	Promoting Nutritional and Kitchen gardening
Jharsuguda	Breed upgradation of farm animals and poultry
Jharsuguda	Production of organic inputs
Jharsuguda	Nursery raising and management
Jharsuguda	Cultivation of High value & commercial crops
Jharsuguda	Promoting Indigenous Technology
Jharsuguda	Post harvest technology and value addition
Jharsuguda	Dairy and livestock management
Jharsuguda	Drudgery reduction for farm women
Jharsuguda	Group formation and management of groups
Jharsuguda	Integrated fish farming
Jharsuguda	Fry and fingerling rearing
Jharsuguda	Resources conservation through farm mechanization

1.5. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Jharsuguda	Low yield due to mono cropping and degenerated varieties	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Lack of knowledge on balanced fertilizer use	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Low yield due to poor quality seeds and seedlings	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Low yield due to disease, pest and weed problem	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Low income due to traditional production strategies	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Lack of skill on income generating activities	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Soil health degradation due to imbalance use of chemical fertiliser	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Low yield due to traditional method of cultivation	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Low income due to traditional crops	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Degradation of Ecology	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Distress sale of produce due to unregulated marketing and lack of storage facilities	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	High mortality due to disease attack	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Amati,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Low efficiency due to drudgery	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari,Lahandabud,Pramanpur , BLOCK-All blocks
Jharsuguda	Low return due to fish farming only	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari, Pramanpur. BLOCK-Lakhanapur, Jharsuguda, Laikera
Jharsuguda	Non availability of fingerlings	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Bhaunra Banjari, Pramanpur. BLOCK-Lakhanapur, Jharsuguda, Laikera

2. On Farm Testing

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	RP (T ₂)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Jharsuguda	2016	Kharif	Low yield of local cultivar.	Assessment of tissue culture banana varieties:T1-Champa ,T2-Grand Naine, T3-Dwarf Cavendish (Common OFT)	Assessment	Varietal comparison	Crop	Micro Irrigated	8	360	637	588	258277	565134	506334	G.Naine-43 % and DC-38% more yield as compared to Champa variety .
Jharsuguda	2016	Kharif	Recommendation of Horticulture Dept. for developing multi-purpose plantation to get rid from labour problem	Assessment of Tissue Culture Pome granate	Assessment	Production Technology	Crop	Irrigated	5							Continuing
Jharsuguda	2016-17	Rabi	Lack of knowledge on Kharif practice.	Assessment of suitable planting time of late kharif onion variety –Bhima Super	Assessment	Varietal Substitution	Crop	Irrigated	13	313	276	267	174350	135350	124350	Suitable planting time – October from yield point of view
Jharsuguda	2016-17	Rabi	No orchid flower cultivation	Assessment of orchid cultivation species Dendrobium Cv. T1-Sonia, T2-Green Lantern & T3- Sadak beauty	Assessment	Varietal Substitution	Enterprise	Epiphytic	13							Continuing

Jharsuguda	2016-17	Kharif/Rabi	Interference of Middleman and lack of proper marketing channels		Assessment	ICT	--	--	05							Completed
Jharsuguda	2016-17	Kharif/Rabi	Non availability of technical knowledge in critical time		Assessment	ICT	--	--	15							Continuing

Assessment of producer groups in providing better marketing avenues in banana cultivation

Preference of marketing channels by farmers, N=50

Sl.No	Marketing channels	No
1.	No. of farmers prefer direct marketing	18
2.	No. of farmers prefer to sale through middleman	12
3.	No. of farmers prefer to sale to society	20

Producers share from different channels in consumer price

Results	Comparative market price in Banana Market price -2000/q	Producers share in consumer price
Direct	1500/- per qtl	75%
Through middleman	1000/- per qtl	50%
Through society	1700/- per qt	85%

Study on ICT tools – mobile messaging, social media (Whatsapp) in dissemination of agricultural messages

Results	Knowledge level	Timeliness	Applicability	Extent of adoption
FP	32	28%	25	35
RP	65	72%	75	58

2.2 Economic Performance

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	RP T ₃	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Jharsuguda	Assessment of tissue culture banana varieties:T1-Champa ,T2-Grand Naine, T3-Dwarf Cavendish (Common OFT)	Avg. No. of hand per bunch	7	10	9	173723	199266	199266	432000	764400	705600	258277	565134	506334	2.4	3.8	3.5
Jharsuguda	Assessment of Tissue Culture Pome grannate	Plant height in cm	--	79		--	--	--	--	--	--	--	--	--	--	--	--
Jharsuguda	Assessment of suitable planting time of late kharif onion variety – Bhima Super	Avg. bulb weight in gm in different planting time	77	64	62	138650	140650	142650	313000	276000	267000	174350	135350	124350	2.25	1.96	1.87
Jharsuguda	Assessment of orchid cultivation species Dendrobium Cv. T1-Sonia, T2-Green Lantern & T3- Sadak beauty	Plant height in cm	20	20	20												

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter											
		Output m2/h	Est. Energy Expenditure kj/min.	WHR beat/min	% reduction in	% increase in	Production per unit	Cost of input	Incremental income	Yield(Kg/ha)	Net Return	Saving in Rs	BC ratio

								drudgery		efficiency													
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.5 Feedback from KVK to Research System

Name of KVK	Feedback

Achievements of Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Jharsuguda	Greengram	Weed Management	Weed control by pendimithalin	Demonstrations, Trainings and literature.	15	122	45
Jharsuguda	Paddy	Varietal substitution	Demonstration of paddy var. Sahabhagi	Demonstrations, Trainings and literature.	25	556	56
Jharsuguda	Groundnut	Oilseed production	Package and practices of Groundnut with HYV seeds	Demonstrations Trainings and literature.	10	62	15
Jharsuguda	Sesamum	Oilseed production	Package and practices of Sesamum with HYV seeds	Demonstrations Trainings and literature.	16	86	20
Jharsuguda	Greengram	Oilseed production	Package and practices of Greengram with HYV seeds	Demonstrations Trainings and literature.	08	40	12
Jharsuguda	Maize	Nutrient management	Demonstration of micro nutrient application in Maize	Demonstrations Trainings and literature.	12	198	24
Jharsuguda	Paddy	Nutrient Management	Demonstration on Integrated Nutrient Management in Paddy	Demonstrations Trainings and literature	26	202	72

Jharsuguda	Maize	Nutrient Management	Demonstration on application of Zinc Sulphate in Hybrid Maize	Demonstrations Trainings and literature	24	75	20
Jharsuguda	Brinjal	Varietal substitution	Cultivation of Brinjal variety Utkala Keshari	Demonstrations, Trainings and literature.	12	75	8
Jharsuguda	chilli	Varietal substitution	Cultivation of chilli variety –Utkala ava	Demonstrations, Trainings and literature.	11	96	12
Jharsuguda	Potato	Varietal substitution	Cultivation of Potato variety Kufri Surya	Demonstrations, Trainings and literature	6	35	6
Jharsuguda	Banana	Varietal substitution	Cultivation of Tissue culture Banana variety- DC	Demonstrations, Trainings and literature	6	28	7
Jharsuguda	Tomato	Varietal substitution	Cultivation of tomato var-Utkal raja	Demonstrations, Trainings and literature.	14	103	16
Jharsuguda	Tomato	INM	Demonstration on Bio-fertilizer application in Tomato.	Demonstrations, Trainings and literature.	7	48	8
Jharsuguda	Marigold	Floriculture	Cultivation of African Marigold	Demonstrations, Trainings and literature.	5	16	6
Jharsuguda	Mushroom	Income generation activities	Cultivation of paddy straw and Oyster mushroom.	Demonstrations, Trainings and literature.	18	42	510 beds
Jharsuguda	Vermi-composting	Income generation activities	Demonstration on vermi-composting in thermoresistant polytank.	Demonstrations, Trainings and literature.	17	42	90 pits
Jharsuguda	pisciculture	Fish farming	Pond based fish farming	Demonstrations, Trainings and literature.	9	31	18
Jharsuguda	pisciculture	Fish farming	Yearling culture in fish pond	Demonstrations, Trainings and literature.	6	10	5
Jharsuguda	Poultry	Backyard Poultry	Improved backyard poultry rearing – Banaraja	Demonstrations, Trainings and literature	24	220	2540
Jharsuguda	Crop production	Oilseed production	Oilseed production- Groundnut variety- Devi	Demonstrations, Trainings and literature	8	124	22

Jharsuguda	Crop Production	Pulse Production	Pulse production-Greengram var-TARM-I	Demonstrations, Trainings and literature	8	106	42
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3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Enterprises	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Jharsuguda	2016	Kharif-	Varietal Substitution	Demonstration of HYV Turmeric Var. Roma	Turmeric	Roma	0.1	157.50	199.50	26	0	3	7	0	10
Jharsuguda	2016	Kharif	Varietal Substitution	Demonstration of Potao var-Kufri Surya	Potato	Kufri Surya	0.1	262.71	298.2	13.5	1	4	3	0	8
Jharsuguda	2016	Kharif	Varietal substitution	Demonstration drought tolerant paddy var. Sahabhazi	Paddy	Sahabhazi dhan	0.8	28	32	14.28	0	1	4	0	5
Jharsuguda	Rabi 2016-17	Rabi	Post Harvest Management of fruits	Demonstration of Low Cost Ripening process of Banana	Banana	Champa	--				0	8	2	0	10
Jharsuguda	Rabi 2016-17	Rabi	Integrated Nutrient Management	Demonstration on Bio-fertilizer application in Tomato.	Tomato	Utkal Raja	0.4	280	311	11	0	3	7	0	10
Jharsuguda	Rabi 2016-17	Rabi	Resource Conservation	Demonstration on Pusa Hydrogel in Fruit orchard	Mango		0.4	Continuing				3	7		10
Jharsuguda	2016-17	Summer-	Pulse production	Demonstration on Improved method of Greengram cultivation with improved variety	Greengram	TARM-I	40.0	Continuing	--	--		--	--	--	100

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jharsuguda	Demonstration of HYV Turmeric Var. Roma	Turmeric	Culm weight in gm	105	133	259820	265820	393750	498750	133930	232930	1.5	1.8
Jharsuguda	Demonstration of Potao var-Kufri Surya	Potato	No. of tubers per plant	7	10	110300	118550	236439	268380	126139	149830	2.14	2.26
Jharsuguda	Demonstration drought tolerant paddy var. Sahabhagi	Paddy	No. of Panicles per hill	14	18	15000	16000	33600	38400	18600	22400	2.2	2.4
Jharsuguda	Demonstration of Low Cost Ripening process of Banana	Banana	Days to Ripen	5	3	-	-	-	-	-	-	-	-
Jharsuguda	Demonstration on Bio-fertilizer application in Tomato.	Tomato	No. of fruits per plant	22	26	118350	119190	168000	186600	49650	67410	1.41	1.56
Jharsuguda	Demonstration on Pusa Hydrogel in Fruit orchard	Mango	Irrigation interval in days	3	10	-	-	-	-	-	-	-	-
Jharsuguda	Demonstration on Improved method of Greengram cultivation with improved variety	Greengram		-	-	-	-	-	-	-	-	-	-

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.6 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jharsuguda	Turmeric	Training and Field day	3	125	
Jharsuguda	Potato	Training	1	25	
Jharsuguda	Banana	Training	2	40	
Jharsuguda	Tomato	Training	1	25	
Jharsuguda	Mango	Training	1	10	
Jharsuguda	Greengram	Field Day	1	50	

3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Jharsuguda	Demonstration of HYV Turmeric Var. Roma	Group discussion, Farmers interaction, questioner	Appriciated the performance of Turmeric variety Roma over local	Accepted by the farmers for future adoption
Jharsuguda	Demonstration of Potao var-Kufri Surya	Group discussion Farmers interaction, questioner	Temperature tolerated variety , leading to higher yield	Accepted by the farmers for future
Jharsuguda	Demonstration drought tolerant paddy var. Sahabhagi	Group discussion, Farmers interaction, questioner	Drought tolerant variety for maximum yield	Accepted by the farmers for future
Jharsuguda	Demonstration of Low Cost Ripening process of Banana	Group discussion, Farmers interaction, questioner	Uniform ripening , with high return and take less time to ripen.more oregano leptic taste.	Accepted by the farmers for future adoption
Jharsuguda	Demonstration on Bio-fertilizer application in Tomato.	Group discussion, Farmers interaction, questioner	Understand the importance of bio fertliaer also increases keeping quality.	Accepted by the farmers for future adoption
Jharsuguda	Demonstration on Pusa Hydrogel in Fruit orchard	Group discussion, Farmers interaction, questioner	Less man days required for irrigation.	Accepted by the farmers for future
Jharsuguda	Demonstration on Improved method of Greengram cultivation with improved variety	Group discussion, Farmers interaction, questioner	Know the improved package and practices of Greengram cultivation	Accepted by the farmers for future adoption

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

Agriculture Module to double the farmer's income.

Module-I

Irrigated farming system module, Village-Ghantamal, Block-Kolabira, Dist-Jharsuguda AES – II (Plateau Rainfed)

Intervention	Activities	Area (Ha)/ Nos.	Beneficiaries	Yield q/ha		Income (Rs.)		% change in income
				Old	New	Old	New	
Cultivation of Pomegranate	Crop diverification by TC Pome grannate	0.6	5	No Practice	Plants are in vegetative stage	--	--	--
Intercropping	Intercropping of greengram with pomegranate	1.0	5	--	Continuing	--	--	--
Paddy Cultivation	Varietal trial on Pratikshya	2.5	5	44.2	51.8	23800	31568	32.6
Potato Cultivation	Varietal demonstration on potato var. K.Surya	0.125	5	212.6	250.2	101900	131650	29.19
Poultry Rearing	Demonstration on Banaraja Poultry	150 Nos. for 5 farmers	5	1.6kg/5month	3.5 kg/5month	4000 (10 Birds @Rs.400/bird)	18000 (30 Birds @Rs.600/bird)	350
TOTAL						129700	181218	39.7

Module-II

Rainfed farming system module ,Village Durlaga, block-Jharsuguda AES – I (Undulating sub-mountaneous tract rainfed)

Intervention	Activities	Area (Ha)/ Nos.	Beneficiaries	Yield q/ha		Income (Rs.)		% change in income
				Old	New	Old	New	
Cultivation of short duration paddy	FLD on Varital substitution of paddy Cv Sahabhagi dhan	0.8	5	28	32	18600	22400	20.4
Cultivation of medium duration paddy	FLD on Varietal substitution of paddy Cv Pratikshya	2.0	5	47.2	53.0	26400	32300	22.3
Poultry Rearing	Demonstration on Banaraja Poultry	130 Nos.(26 per farmer)	5	1.8kg/bird/6month	3.5/bird/6month	4800 (10 Birds@Rs.480/bird)	16380 (26Birds@Rs.630/bird)	241
Mushroom production	Paddy straw mushroom	100 beds (20 nos. per farmer)	5	--	1.1kg/bed	--	2200 (Rs.100per kg)	--
Fish Farming	Demonstration on IMC Fish culture	0.4	3	12	19	120000	190000	58.3
Onion Cultivation	OFT Onion var- Bhima super	0.2	5	132	196	127400	164500	29
Potato Cultivation	Varietal demonstration on potato var. K.Surya	0.4	5	215	256	87800	112300	27.9
TOTAL						385000	540080	40.28

4. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Jharsuguda	Farmer and Farm woman	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools ,interaction with farmers in meeting and group discussion,	17.11.16, (Durlaga) 23.11.16 (Kadabahal), 04.11.16(Ghantamal) ,02.12.16(Rengali)	181
Jharsuguda	Rural Youth	PRA tools and Group Discussion – Need assessment of rural youth was done through using PRA tools ,interaction with rural youth in meeting and group discussion.	17.11.16, (Durlaga) 23.11.16 (Kadabahal), 04.11.16(Ghantamal) ,02.12.16(Rengali)	97
Jharsuguda	Extension Personnels	Group discussion and interaction with the extension functionaries of line department in the workshop and meeting.	28.12.2016,15.12.16 16.02.2017, (Dept. of State Agriculture, Horticulture, Fishery and allied sector, Jharsuguda	34

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Total	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Jharsuguda	FW	OFC	HOS	Scientific Method of Cultivation of Turmeric	1	1	10	2	1	0	12	0	23	2
Jharsuguda	FW	OFC	HOS	Scientific method of cultivation of Kharif Onion & raising of seedlings in side low cost poly house.	1	1	2	2	4	1	13	2	19	6
Jharsuguda	FW	OFC	HOP	Canopy Management in high density plantation	1	1	5	6	0	0	7	7	12	13
Jharsuguda	FW	OFC	HOS	Establishment of Low cost Onion storage structure and post harvest value addition	1	1								
Jharsuguda	FW	OFC	HOF	Post Harvest Management of Mango & Banana	1	1	13	0	0	0	12	0	25	0
Jharsuguda	FW	OFC	HOP	Establishment and layout planning of Citrus, Sweet Orange, Pomegranate, Litchi, Guava, Mango Orchard	1	1	0	0	3	0	18	4	21	4
Jharsuguda	FW	OFC	HOF	Different Government Scheme for the development of Horticulture.	1	1	11	1	4	0	9	0	24	1

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Total	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Jharsuguda	FW	OFC	HOV	Post harvest management of Vegetables	1	1	12	5	0	0	6	2	18	7
Jharsuguda	FW	OFC	HOT	Scientific method of Cultivation of Kharif Potato	1	1	15	0	10	0	0	0	25	0
Jharsuguda	FW	OFC	HOV	Trellis system of pointed gourd & Spine Gourd Cultivation	1	1	16	0	0	0	9	0	25	0
Jharsuguda	FW	OFC	CBD	Income generation activities for Women SHGs.	1	1	3	1	2	1	15	3	20	5
Jharsuguda	FW	OFC	CBD	Group dynamics & Farmers organization.	1	1	17	0	0	0	8	0	25	0
Jharsuguda	FW	OFC	CBD	Formation and Management of SHGs	1	1	5	12	0	0	0	8	5	20
Jharsuguda	FW	OFC	CBD	Mobilization of social capital	1	1	4	0	2	2	17	0	23	2
Jharsuguda	FW	OFC	CBD	Entrepreneurial development of farmers	1	1	4	0	4	0	17	0	25	0
Jharsuguda	FW	OFC	CBD	Market led production strategies	1	1	19	1	0	0	5	0	24	1
Jharsuguda	FW	OFC	CBD	Integrated Farming system	1	1	14	1	2	1	7	0	23	2
Jharsuguda	FW	OFC	WOE	Nutritional garden management	1	1	1	5	0	0	10	9	11	14
Jharsuguda	RY	ONC	WOE	Vermicompost	1	2	11	0	0	0	3	1	14	1
Jharsuguda	RY	ONC	HOO	Scientific Cultivation of Orchid cultivation for income generation	1	2	11	2	0	0	1	1	12	3
Jharsuguda	RY	ONC	HOV	Scientific techniques of vegetable seedling	1	2	12	0	0	0	3	0	15	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Total	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				raising										
Jharsuguda	RY	ONC	HOV	Organic horticulture farming with special reference to use of Neem, Karanja (Pongamia pinnata), Vermi- Compost & Biofertilizers.	1	2	6	0	0	0	9	0	15	0
Jharsuguda	RY	ONC	HOP	Value addition of Banana by Fibre Extraction	1	2	4	4	1	0	6	0	11	4
Jharsuguda	RY	ONC	CBD	Integrated farming system	1	2	8	0	2	0	5	0	15	0
Jharsuguda	RY	ONC	CBD	Income generation activities	1	2	11	0	0	0	4	0	15	0
Jharsuguda	RY	ONC	CBD	Market led production	1	2	10	2	1	0	2	0	13	2
Jharsuguda	RY	OFC	CBD	Organic Farming	1	2	9	3	0	0	3	0	12	3
Jharsuguda	IS	ONC	HOP	Methods of crop regulation in Guava and its advantages	1	1	6	1	2	0	1	0	9	1
Jharsuguda	IS	ONC	HOO	Water conservation through use of Pusa Hydrogel	1	1	4	1	2	1	2	0	8	2
Jharsuguda	IS	ONC	HOV	Precision farming in Horticulture	1	1	4	2	1	0	2	1	7	3
Jharsuguda	IS	ONC	CBD	Capacity building for ICT application	1	1	3	6	0	0	1	0	4	6
Jharsuguda	IS	ONC	CBD	Entrepreneurship development	1	1	4	3	1	0	1	1	6	4
Jharsuguda	IS	ONC	CBD	Market led production	1	1	3	0	4	0	3	0	10	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Total	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				strategy										
Jharsuguda	IS	ONC	CBD	Integrated Farming system	1	1	3	3	1	0	2	1	6	4

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Jharsuguda	Organic Farming	Crop	CBD	5	0	0	3	0	7	0
Jharsuguda	Seed Production techniques of Solanaceous vegetable crop	Solanaceous vegetable	HOT	5	--	--	01	0	7	2

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Jharsuguda					

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Jharsuguda	Capacity building training for IS personnel on soil health card.	SFM		IS	2 Days	1	--	--	6	8	1	3	5	7	ATMA Jharsuguda	24000

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production-21.42 & Income
			Before	After	Before	After	Before	After	
Jharsuguda	Scientific Method of Cultivation of Turmeric	25	3	5	280	340	145000	203000	1. Area expanded (ha)- 8.0 2. No. of farmers adopted (no.)-17 3.% change in knowledge-66, production-21.42 & Income-40
Jharsuguda	Scientific method of cultivation of Kharif Onion & raising of seedlings in side low cost poly house.	25	4	6	10.5	14.2	29400	45700	1. Area expanded (ha)- 5.0 2. No. of farmers adopted (no.)-18 3.% change in knowledge-50., production-35.23 & Income-55.44
Jharsuguda	Canopy Management in high density plantation	25	3	5	280	320	140000	175000	1. Area expanded (ha)-4.0 2. No. of farmers adopted (no.)-22 3.% change in knowledge-66, production-14.28 & Income-25
Jharsuguda	Establishment of Low cost Onion storage structure and post harvest value addition	25	4	7	42	50	13400	20000	1. Area expanded (ha)-22.0 2. No. of farmers adopted (no.)-16 3.% change in knowledge-75, production-19.04 & Income-49.25
Jharsuguda	Post Harvest Management of Mango & Banana	25	3	5	32	42	48000	71000	1. Area expanded (ha)-15.0 2. No. of farmers adopted (no.)-21 3.% change in knowledge-66, production-31.25 & Income-47.91

Jharsuguda	Establishment and lay out planning of Citrus, Sweet Orange, Pomegranate, Litchi, Guava, Mango Orchard	25	3	5	6.2	9.5	21000	32000	1. Area expanded (ha)-7.0 2. No. of farmers adopted (no.)-21 3.% change in knowledge-66, production & Income-52.38
Jharsuguda	Different Government Scheme for the development of Horticulture.	25	2	5	--	--	--	--	1. Area expanded (ha)- 6.0 2. No. of farmers adopted (no.)-18 3.% change in knowledge-66.0, production & Income
Jharsuguda	Post harvest management of Vegetables	25	3	5	--	5q/pit	--	5000	1. Area expanded (ha)- 8 villages 2. No. of farmers adopted (no.)-20 3.% change in knowledge-66.0, production & Income
Jharsuguda	Scientific method of Cultivation of Kharif Potato	25	3	5	273	357	79750	146950	1. Area expanded (ha)-8.0 2. No. of farmers adopted (no.)-22 3.% change in knowledge-66, production-30.76 & Income-83
Jharsuguda	Trellis system of pointed gourd & Spine Gourd Cultivation	25	3	5	--	--	--	--	1. Area expanded (ha)- 4.0 2. No. of farmers adopted (no.)-25 3.% change in knowledge-66, production & Income
Jharsuguda	Income generation activities for Women SHGs.	25	3	5	418	694	185740	470498	1. Area expanded (ha)- 7.0 2. No. of farmers adopted (no.)-24 3.% change in knowledge-66, production-66.02 & Income-153
Jharsuguda	Group dynamics & Farmers organization.	25	2	5	94.0	132	61200	98500	1. Area expanded (ha)- 4.0 2. No. of farmers adopted (no.)-20 3.% change in knowledge-150, production-40.42 & Income-60.94
Jharsuguda	Formation and Management of SHGs	25	3	5	--	--	--	--	1. Area expanded (ha)-12.0 2. No. of farmers adopted (no.)18 3.% change in knowledge-66, production & Income
Jharsuguda	Mobilization of social capital	25	4	38	407	683	182000	468555	1. Area expanded (ha)-6.0 2. No. of farmers adopted (no.)-16 3.% change in knowledge-100, production-67.81 & Income-158

Jharsuguda	Entrepreneurial development of farmers	25	6	48	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-21 3.% change in knowledge-100, production & Income
Jharsuguda	Market led production strategies	25	5	44	250	304	114500	184300	1. Area expanded (ha)-12.0 2. No. of farmers adopted (no.)-22 3.% change in knowledge-150, production-21.6 & Income-61.40
Jharsuguda	Integrated Farming system	25	6	36	108.4	123.0	81200	98300	1. Area expanded (ha)- 4.5 2. No. of farmers adopted (no.)-20 3.% change in knowledge-100, production-13.88 & Income-21
Jharsuguda	Nutritional garden management	25	7	34	280	320	168500	362400	1. Area expanded (ha)-8.0 2. No. of farmers adopted (no.)-23 3.% change in knowledge-75, production-14.28 & Income-115
Jharsuguda	Vermicompost	15	6	35	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-21 3.% change in knowledge-75, production & Income
Jharsuguda	Scientific Cultivation of Orchid cultivation for income generation	15	7	48	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-24 3.% change in knowledge-75, production & Income
Jharsuguda	Scientific techniques of vegetable seedling raising	15	6	48	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-20 3.% change in knowledge-50, production & Income
Jharsuguda	Organic horticulture farming with special reference to use of Neem, Karanja (Pongamia pinnata), Vermi-Compost & Biofertilizers.	15	6	40	185	221.0	342600	438200	1. Area expanded (ha)-5.0 2. No. of farmers adopted (no.)-18 3.% change in knowledge-50 , production-19.45 & Income-28.0
Jharsuguda	Value addition of Banana by Fibre Extraction	15	6	42	--	--	--	--	1. Area expanded (ha)-6.0 2. No. of farmers adopted (no.)-12 3.% change in knowledge-100, production & Income

Jharsuguda	Integrated farming system	15	5	48	--	--	--	--	1. Area expanded (ha)-5.0 2. No. of farmers adopted (no.)-14 3.% change in knowledge150, production & Income
Jharsuguda	Income generation activities	15	5	36	--	--	135200	284600	1. Area expanded (ha)-8.0 2. No. of farmers adopted (no.)-14 3.% change in knowledge150, production & Income-110
Jharsuguda	Market led production	15	6	38	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-12 3.% change in knowledge-100, production & Income
Jharsuguda	Organic Farming	15	4	36	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-10 3.% change in knowledge-100, production & Income
Jharsuguda	Methods of crop regulation in Guava and it advantages	10	4	28	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-9 3.% change in knowledge-100, production & Income
Jharsuguda	Water conservation through use of Pusa Hydrogel	10	6	34	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)8 3.% change in knowledge-100, production & Income
Jharsuguda	Precision farming in Horticulture	10	7	45	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-9 3.% change in knowledge123, production & Income
Jharsuguda	Capacity building for ICT application	10	5	42	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-10 3.% change in knowledge-150, production & Income
Jharsuguda	Entrepreneurship development	10	5	38	--	--	--	--	1. Area expanded (ha) 2. No. of farmers adopted (no.)-9 3.% change in knowledge-150, production & Income
Jharsuguda	Market led production strategy	10	4	6					1. Area expanded (ha) 2. No. of farmers adopted (no.)-10 3.% change in knowledge-150, production & Income
Jharsuguda	Integrated Farming system	10	3	7					1. Area expanded (ha) 2. No. of farmers adopted (no.)-9 3.% change in knowledge-150, production & Income

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stage s
				M	F	M	F	M	F			
Jharsuguda	Field Day	5	5	92	68	52	38	8	6	Mass awareness	Potato, Tomato, Turmeric, Poultry, Greengram	Harvest stage
Jharsuguda	Kisan Mela	1	1	77	65	38	20	7	5	Mass awareness	Pre rabi Kisan mela	
Jharsuguda	Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-	-
Jharsuguda	Exhibition	2	2	Mass						Mass awareness		
Jharsuguda	Film Show	8	8	35	21	42	28	5	3	Mass awareness	Mushroom, vermicompost, Dhaincha, Poultry	
Jharsuguda	Group meetings	12	12	98	67	68	24	7	5			
Jharsuguda	Lectures delivered as resource persons	42	42	124	82	93	65	15	8			
Jharsuguda	Newspaper coverage	2	2	Mass						Mass awareness	Pre Rabi kisan mela	
Jharsuguda	Radio talks	2	2	Mass						Mass awareness	Vermicompost	
Jharsuguda	TV talks	2	2	Mass						Mass awareness	Orchard Development	
Jharsuguda	Popular articles	2	2	Mass						Mass awareness		
Jharsuguda	Extension Literature	4	4	Mass						Mass awareness	Greengram Cultivation Soil health management Onion cultivation	
Jharsuguda	Farm advisory Services	16	16	45	17	28	12	8	9			
Jharsuguda	Scientific visit to farmers field	97	97	87	42	62	23	12	5	Problem solution and Technology dissemination		
Jharsuguda	Farmers visit to KVK	1754	1754	--	--	--	--	--	--	To get information regarding crop and enterprise management		--
Jharsuguda	Diagnostic visits	3	3	17	8	14	5	7	2			
Jharsuguda	Soil test campaigns	2	2	32	27	24	17	5	3	Awareness About soil		

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stage s
				M	F	M	F	M	F			
										testing		
Jharsuguda	Celebration of important days(6	6	138	77	50	35	7	3	Awareness	Akshya Tritiya, Foundation day, Parthenium awareness week, World food day, Women in Agriculture, Soil health day)	

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Jharsuguda	Apr-Sept 2016	Half yearly	500	500
Jharsuguda	Oct 16- March 2017	half yearly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jharsuguda	Booklet	Baiganika Padhatire Piaj Chasa	Dr. Biswaranjan Pattanaik, P.C Sri Prabhanjan Mishra, Scientist (Hort) Ms. Madhuri Topppo, FM	500
Jharsuguda	Booklet	Amla matira parichalana O mati maa ra Surakshya (Odia)	Dr. Biswaranjan Pattanaik, P.C Sri Monoj Kumar Barik, Scientist (Extension) Sri Dharmendra Patri, SRF	500
Jharsuguda	Booklet	Muga Chasa (Odia)	Dr. Biswaranjan Pattanaik, P.C Sri Monoj Kumar Barik, Scientist (Extension)	500
Jharsuguda	Year Planner	Year Planner-2016-17		50

7.2 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Jharsuguda	CD	Celebration of Pradhan Mantri Fasl bima Jojana	01
Jharsuguda	CD	Mushroom Spawn production	01

8. Production and supply of Technological products

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jharsuguda	CS	Groundnut	Devi	3.0	24810	6	
Jharsuguda	CS	Potato	K. Surya	2.0	6600	6	

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jharsuguda	Vegetable	Tomato	Utkal Raja/ Swarna Sampad	9800	9800	12	
Jharsuguda	Vegetable	Brinjal	Utkal Keshari	2400	2400	8	
Jharsuguda	Vegetable	Onion	Bhima Super/Bhima Subhra	240330	36495	10	
Jharsuguda	Vegetable	Chilli Local		50	25	3	
Jharsuguda	Vegetable	Chilli	Utkal Ava/Shyam Hot	1930	1930	2	
Jharsuguda	Vegetable	Cauli Flower	Meerut101	1150	1150	5	
Jharsuguda	Vegetable	Cabbage	Rare Ball	1000	1000	4	
Jharsuguda	Vegetable	Cabbage		3460	3460	8	

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jharsuguda	Bio Agents	Vermicompost	824		5768	10	
Jharsuguda	Bio Agents	Vermiculture	13 kg		6500	15	
Jharsuguda	Bio Fertilizer						
Jharsuguda	Bio Fertilizer						
Jharsuguda	Mushroom Spawn			100	1200	6	

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Jharsuguda	Poultry	Banaraja	Chicks	750	40575	12

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Jharsuguda	Not Available	--	Tested in Mudraparikshak-129 Outside Lab- 10	139	692	7		692

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Jharsuguda	--	--	--	--	--	--	--	--

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
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Jharsuguda	January	2017		--	1	1		30
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12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Jharsuguda	2012	2012	4	1	Needs major Repairing

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jharsuguda	28.12.16	30	<ul style="list-style-type: none"> ➤ The OFT on guava may be tried on KVK farm first in parallel to farmers field also. ➤ The alternate technology of pusa hydrogel may be taken up. ➤ Suitable technology for protected cultivation may be intervened and exposure visit of farmers may be organised to the protected cultivation technology area. ➤ Awareness and training programme may be conducted on paddy fish cultivation with the help of fishery department. ➤ Awareness campaign on soil health management & organic farming may be taken up by KVK. ➤ Awareness on the use of bahal land (Low land) for pond establishment. ➤ Ridge and furrow method may be practised with other crops in NICRA project. ➤ Up-scaling of successful technologies or auto replication may be done in NICRA project. ➤ Emphasis may be given on skill development training on convergence mode with NGOs and line departments. ➤ OFT may be done on threshed straw for mushroom production as there is problem in availability of straw due to mechanisation. ➤ OFT may be developed on Azolla as feed of poultry to assess the egg laying performance and egg laying interval of hen. ➤ Technologies developed in KVK may be shared to concerned line departments. ➤ For mango based farming system-Technologies may be developed & CD also developed. The details of package may be recorded.

14. Status of Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Jharsuguda	47	14550	80	Farmers Portal	Integrated Nutrient Management, Pest & Disease management, Income generation activities, production techniques, weather forecast, programme information, inputs availability.

15. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Jharsuguda	ATMA	State	36000	Capacity building Training programme on soil health card	KVK Campus	--
Jharsuguda	ATMA	State	--	World Soil Health day celebration	Jharsuguda	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jharsuguda	30938306848	256936	328614	--

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jharsuguda	Smt. Padmabati Bhoi	Farmer	OUAT, Bhubaneswar	Certificate

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

S.No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)
1	Jharsuguda	YES	ZPD

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Jharsuguda	Crop Cafeteria	Pipeline varieties of O.U.A.T and also locally suited sustainable varieties is at Crop Cafeteria
Jharsuguda	Technology Desk	Information bulletin , news letter ,booklets published from K.V.K has been displayed for visitors
Jharsuguda	Visitors Gallery	Photographs of different activity of K.V.K like O.F.T , F.L.D, Training, Field day, P.R.A Survey , on-farm activity , demo unit, crop cafeteria, special day celebration are displayed for visitors
Jharsuguda	Technology Exhibition	Different exhibits/models like onion storage structure , vermicompost unit, green house, polyhouse, mulching,drum seeder, paddy basedfarming system,paddythresher, mandwa weeder, hand weeder ,three layer system of fish cultivation are displayed
Jharsuguda	Technology Gate-Valve	Near gate of K.V.K in one room different materials of farm like vegetable seedling (tomato, brinjal, chilli) , seeds, poultry birds (Banaraja), vermicompost has been kept for selling.

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Maize, Sweet corn,Okra,Brinjal, Tomato	02
2	Potato ,Turmeric, Chilli	04
3	,Onion	3

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
01	Jharsuguda	Padmabati Bhoi	Mushroom Production	At- Banjari, Dist- Jharsuguda, Mob- 9556861662
02	Jharsuguda	Prafulla Patel	Greengram Cultivation	At-Bhogarapalli, Dist- Jharsuguda, Mob-9777311856
03	Jharsuguda	Ashok Kumar Naik	Integrated Farming System	At- Durlaga, Dist-Jharsuguda, Mob-9938564313
04	Jharsuguda	Kishore Kumar Dhurua	Hybrid Paddy	At- Gudigaon, Dist- Jharsuguda, Mob-9778139531
05	Jharsuguda	Sunita Naik	Mushroom spawn production	At- Tangarpalli,Talpatia, Dist- Jharsuguda, Mob-9438047109
06	Jharsuguda	Duryadhan Sahu	Banana Cultivation	At- Kureimal, Dist- Jharsuguda, Mob-9938781695
07	Jharsuguda	Gitanjali Naik	Oilseed Production	At- Sialrama, Dist- Jharsuguda, Mob-7894963222
08	Jharsuguda	Dinabandhu Kansarali	Vegetable production	At- Kadabahal, Dist- Jharsuguda, Mob-
09	Jharsuguda	Susanta Kumar Nayak	Banana Cultivation	At- Ghantamal, Dist- Jharsuguda, Mob- 9777468457
10	Jharsuguda	Hrudananda Meher	Maize Cultivation	At- Bhoimunda, Dist- Jharsuguda, Mob-8895917266

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jharsuguda	5	5	8	11

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Sundargarh	Manpower, Machinery, Technology sharing	Organising capacity of programmes
2	Sundargarh -II	Manpower, Machinery, Technology sharing	Organising capacity of programmes

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Jharsuguda	Dr. K.K Rout, Prof. OIC AICRP on LTFE, Dept. of Soil Science & Agril Chemistry	05.04.16		SAU		Visited KVK on the occasion of celebration of PMFBY programme & Appreciated the KVK activities.
Jharsuguda	Dr. Debabrata Panigrahi, Sr. Scientist, Entomology, RRTTS, Mahisapat, Dhenkanal	05.04.16		SAU		Visited KVK on the occasion of celebration of PMFBY programme & Appreciated the KVK activities.
Jharsuguda	Sri Rajkumar Sethy, AHO, Jharsuguda	03.08.16			State Govt.	Visited the KVK demonstration unit .
Jharsuguda	Sri Amiya Kumar Pattanaik, President, Odisha state farmers co-operative society, Bhubaneswar	19.08.16			State Govt.	Visited KVK Jharsuguda and appreciated the work carried out by KVK for the development of farming community.
Jharsuguda	Dr. Man Singh, Joint Director, Directorate of Rice Development, Govt. of India, Patna, Bihar	20.09.16	ICAR			Visited the fields of Pulse demonstration, KVK campus & appreciated the KVK activities.
Jharsuguda	Mr. Subrat Das, Representative of BPCL, Sambalpur	28.09.16			PSU	Visited KVK on the occasion of PMUY, celebrated the PMUY at KVK conference hall ,Jharsuguda
Jharsuguda	Kumar Kulwant Kishor, Bayer Crop Science Ltd.Sambalpur	05.10.16			Other	Visited the orchard and instructional farm along with KVK scientist.
Jharsuguda	Mritunjay Kumar Sharma, Bayer Crop Science Ltd.Sambalpur	05.10.16			Other	Visited the orchard and instructional farm along with KVK scientist.
Jharsuguda	Fr, R. Crasta, Divya Dham, Jharsuguda	20.10.16			Other	Praised the KVK for its activities especially for the farming community..
Jharsuguda	Sri Chitta Ranjan Sahoo, ADH, Kuchinda, Sambalpur	22.10.2016			State Govt.	Praised the KVK for its co-operation for the farmers during exposure visit to KVK Jharsuguda also the praised the well maintained Demonstration unit of KVK.
Jharsuguda	Sri Biswaranjan Parida, Access Livelihood Consulting India Ltd., Jharsuguda	07.11.16			NGOs	Praised the KVK for its pro farmer activities.
Jharsuguda	Fr. A. Dungdung, Shanti Bhawan, Jharsuguda	29.11.16			Other	Appreciate the demonstration units of KVK
Jharsuguda	Sri Nirmal S Nemade, Director,	14.12.16			Other	Appreciated the training programme

	Marketing, Jeevika Agro, Mumbai					conducted by KVK for the farmers.
Jharsuguda	Dr. M.P Nayak, Joint Director Extension (Information)	28.12.16		SAU		Visited KVK Jharsuguda on the occasion of 12 th SAC meeting. Praised the newly developed orchard developed by KVK.

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Jharsuguda	30.07.11	Need based	Mass

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lectors organized by KVK	Brief achievements	Remarks
	Date	No. of Staff attended	No. of call received from Hub	No. of Call mate to Hub by KVK			
Jharsuguda							NA

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
--	--	--	--	--

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
--	--	--	--	--

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jharsuguda	Dr. B.R Pattanaik	Sr. Scientist & Head	1	
Jharsuguda	Sri M.K Barik	Scientist (Extension)	1	
Jharsuguda	Sri P. Mishra	Scientist (Hort.)	1	

	Total		3	
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Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jharsuguda	3	3

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jharsuguda	Dr. B.R Pattanaik	Sr. Scientist & Head	1	
Jharsuguda	Sri M.K Barik	Scientist (Extension)	1	
Jharsuguda	Sri P. Mishra	Scientist (Hort.)	1	
			3	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jharsuguda	3	3

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants

Animal health camps organized

Name of KVK	Number of camps	No. of animals	No. of farmers

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers

Vermes Produced

Name of KVK	Vermes Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

35. NICRA Achievement**1. Technologies to be Demonstrated**

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
Ridge and Furrow method in Cowpea	Cowpea	0.4	76.0	33.3	20
Dhaincha application in Paddy	Dhaincha	4.0	47	9.3	20
Drought tolerant Paddy variety-Sahabhagidhan	Paddy	6.0	32	28	20
Introduction of Hybrid Maize	Maize	4.0	38	80	20
Up-scaling of Paddy var-Pratikshya	Paddy	6.0	48	14.2	20
Upgradadion of Black Bengal of goat breed	Goat	2 nos.	18 kg body wt. at 9 month	28.5	2
Poultry rearing Banaraja	Poultry	130	2.2 kg body wt. in 6 minth	83.33	10
Demonstration on Green gram variety-TARM-I with improved package and	Greengram	5.0	Cont.		20

practices..					
Mulching in vegetables	Vegetables (Cauliflower	1.0	186	16	10
INM in Cauliflower	Cauliflower	2.0	192	22	10

2. Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Awareness programme for soil testing and soil test based fertilizer application.	20	30	2	52
Field day on Green manuring	28	22	2	52
Field day on Hybrid Maize	29	21	1	51
Field day on paddy var-Pratikshya	20	30	1	51
Awareness campaign on Swachha Bharat Abhiyan.	22	18	1	51
Animal Health cum Nutrition camp	47	9	6	56
Exposure Visit	8	8	2	18

3. Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Soil sample collection technique	32	18	2	52
Protected cultivation of Capsicum and Tomato	13	12	3	28
Boron application in Cauliflower	12	13	2	27

4. Activities for Fodder Bank

Established (Years)	Capacity	Current Status
-	-	-

5. Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors
Dr. M.P Nayak,	Jt. Director, DEE, OUAT, BBSR	28.12.16	Visited KVK Jharsuguda on the occasion of 12 th SAC meeting. Visited village Bhoimunda & review the NICRA activities..

7. Feedback of Farmers for future improvement, if any.

36. Proposed works under NAIP (in NAIP monitoring format)

37. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, :- **Jharsuguda, Odisha**

TITLE, MUSHROOM PRODUCTION FOR SUSTAINABLE LIVILIHOD

Introduction,

Jharsuguda district is mostly rainfed having 16 % irrigated area and rice occupies more than 84% of the agricultural area in the kharif season. The landholdings are small and the farmers practice subsistence farming for their livelihood. In order to maximize farm productivity, the technological interventions through mushroom production in participatory mode by KVK, Jharsuguda .

KVK intervention,

Smt. Padmabati Bhoi, of village Banjari of Lakhanapur block is a farm women having a land holding of 0.7 acre with a small annual income of Rs.40,000/- per year. She remain idle though out year except the paddy season.

She came in touch with KVK, Jharsuguda and decided to go for mushroom cultivation in large scale, Keeping in view of her interest, KVK scientist took a FLD on Mushroom cultivation, imparted training on mushroom cultivation in her village to build confidence of her. Consequently inputs like mushroom spawn and polythene were provided by KVK for mushroom cultivation

Output,

Item	Quantity Produced	Time of production	Gross Income	Person employed
Paddy Straw Mushroom production	700 beds/month	6 Month (April-September)	600000	2
Oyster Production Mushroom	500 beds/month	3 Month (November-February)	150000	1
Total			7,50,000	3

Outcome,

She has developed a well mushroom production unit having 700 bed capacity with all required infrastructure and tools for both Paddy and Oyster mushroom cultivation. She has also developed vermi compost unit for recycling of mushroom wastage. Now she is well known as a mushroom entrepreneur in the area and getting an income of 7.5 Lakh per annum.

Impact

Following the success of Smt. Bhoi, two farm women of her village already developed mushroom production unit as commercial manner. The village now able to produce around 30 to 40 kg mushroom per day. This enterprise gives a special effect to other line departments specifically ICDS, DSMS and DRDA.

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Jharsuguda	1 (Mushroom Production)	1 (IFS Model)

38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –

Senior Scientist & Head
KVK, Jharsuguda