

ANNUAL PROGRESS REPORT

April 2014 to March 2015

**KRISHI VIGYAN KENDRA
JHARSUGUDA**

**ORISSA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
BHUBANESWAR**

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Instructions for Filling the Format

1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.
2. Do not merge columns, rows.
3. Please repeat the name of KVK in each table in the column “Name of KVK”
4. Do not fill the non-numerical values in numeric field
5. Do not repeat the unit while reporting data as it is already mentioned in the heading row
6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit
7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)
8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”
9. Also read the instructions mentioned just below the table
10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format
11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.
12. Gray color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2014 to March 2015
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2014-15

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)
1	On Farm Testing		
	Proposed OFT	17	181
	On Going OFT	1	5
	Technologies assessed (Completed OFT)	3	20
	Technologies refined	-	-
	On farm trials conducted	4	25
2	Frontline demonstrations		
	Proposed Frontline demonstrations	20	182
	On Going Frontline demonstrations	-	-
	FLDs conducted on crops	5	37
	Area under crops (ha.)	15.453	
	FLD on farm implement and tools	-	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-	
	FLD on Fisheries - Finger lings	2	8
	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)
	Farmers	15	15
	Farm women	2	2
	Rural youth	12	19
	Extension personnel/ In service	6	6
	Vocational trainings	4	14
	Sponsored Training	-	-
	Total	39	56
		No. of programmes	Participants
4	Extension Programmes	159	3871
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)
	Seed (qt.)	3.64	--
	Planting material produced (nos.)	28672	53
6	Livestock	Qty	Beneficiaries (nos.)
	Livestock strains (Nos)		
	Milk Yield - Cow, Buffelo etc. (in liter)		
	Fish (Kg.)	200 nos.	5
	Fingerlings (nos.)		
	Poultry-Eggs (nos.)		
	Ducks (nos.)		
	Chicks etc. (nos.)	500	50

7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	1.3 kg vermin	3
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorizza , Azotobacter , Azospirillum etc. (Kg.)		
	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	4	2000
	SAC Meetings conducted	2	50
	Soil sample tested	346	280
	Water sample tested	4	4
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-
	KVK-KMA (Message and beneficiaries)	105	1000
	Convergence programmes	1	25
	Sponsored programmes	-	
	KVK Progressive Farmers interaction	-	
	No. of Technology Week Celebrations	1	150
	Attended HRD activities organized by ZPD	2	2
	Attended HRD activities organized by DES	5	5
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	6	7
9	Current status of Revolving Funds (Amt. in Rs.)		17150
10		No. of blocks	No. of villages
	Outreach of KVK in the District	5	25
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	1	3 3
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	12
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	9	7
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	8	
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 (31.03.2015)

Summary of Staff position in KVKS on March, 2015

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	4	16	9

Name of KVK.	Sanctioned post	Name of theincumbent	Discipline	Highest degree	Subject ofSpecialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent/T temporary	Category (SC/ST/O BC/Other s)
Jharsuguda	Programme Coordinator	Dr. Biswa Ranjan Pattanaik	Extension Education	Ph.D	Agril. Extension	15600-39100	17800	31.08.2012	Permanent	Others
Jharsuguda	Subject Matter Specialist1	Sri M.K. Barik	Extension Education	M.Sc(A g..)	Agril. Extension	15600-39100	21390	07.12.2006	Permanent	OBC
Jharsuguda	Subject Matter Specialist2	Sri Prabhanjan Mishra	Horticulture	M.Sc(A g..)	Horticulture	15600-39100	16920	19.11.2014	Permanent	Other
Jharsuguda	Subject Matter Specialist3	Vacant	Animal Science	--	--	--	--	--	--	--
Jharsuguda	Subject Matter Specialist4	Vacant	Home Science	--	--	--	--	--	--	--
Jharsuguda	Subject Matter Specialist5	Vacant	Plant Protection	--	--	--	--	--	--	--
Jharsuguda	Subject Matter Specialist6	Vacant	Agronomy	--	--	--	--	--	--	--
Jharsuguda	Programme Assistant	Sri Pravat Ku. Sahoo	Agriculture	M.Sc (Ag)	Agriculture	9300-34800	10130	13.09.2014	Permanent	Others
Jharsuguda	Farm Manager	Vacant	--	--	--	--	--	--	--	--
Jharsuguda	Computer Programmer	Sri Bishnu Ranjan Padhi	Computer Sc.	B.E	Computer Sc.	9300-34800	14670	03.08.2014	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 Pravat Ku. Naik	--	HSC	Driving	5200-20200	6860	28.03.2011	Temporary	OBC
Jharsuguda	Driver	Vacant	--	--	--	--	--	--	--	--
Jharsuguda	Supporting staff	Kamala Nag		7 th		4440-7440	5380	29.07.2008	Temporary	SC
Jharsuguda	Supporting staff	Akshya Ku. Swain	--	7 th	--	4440-7440	5380	01.07.2014	Temporary	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	Male-86.61 female-70.73	SC -87011 ST-159757	64521	1.2 acre

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	Lahandabud	2012	Jharsuguda	17	586	125
Jharsuguda	Amati	2015	Kolabira	25	460	88
Jharsuguda	Bhaunra	2014	Kirmira	60	1021	261
Jharsuguda	Parmanpur	2013	Kolabira	32	985	220
jharsuguda	Banjari	2012	Lakhanapur	35	870	192

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

1.4. 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	Farmering 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	2014	Kharif	Low yield of existing variety	Assessment of Ivy Gourd Var-Arka Kunkhi	Assessment	Varietal substitution	Crop	Rainfed	05	84	110		32300	46600		Arka Kunkhi may be preferred due its higher yield over local variety (30.95 %).
Jharsuguda	2014	Rabi	Cultivation of local variety	Assessment of Potato Var-Kufri Surya	Assessment	Varietal substitution	Crop	Irrigated	10	172	214		95600	126200		Kufri Surya may be preferred instead of Kufri Jyoti due to early variety and higher yield.
Jharsuguda	2014	Kharif	Lack of knowledge on production of stunted fingerlings and its culture	Assessment of Culture of Jayanti Rohu	Assessment	Fish farming	Enterprise	Rainfed	05	16	23		110000	150000		Jayanti rohu gives 23 % more yield and suitable for jharsuguda district.
Jharsuguda	2014	Rabi	Low yield from local variety	Assessment of Tissue culture Banana Var- G-9, DC	Assessment	Varietal substitution	Crop	Irrigated	05	--	--	-	--	--	-	Continuing

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)	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 Ivy Gourd Var- Arka Kunkhi	Fruit wt. in gm	8	12	26500	30400	--	58800	77000	--	32300	46600	--	2.21	2.53	--
Jharsuguda	Assessment of Potato Var- Kufri Surya	No. of tubers per plant	2.5	4	42000	45000	--	137600	171200	--	95600	126200	--	3.2	3.8	--
Jharsuguda	Assessment of Culture of Jayanti Rohu	--	--	--	70000	80000	--	180000	230000	--	110000	150000	--	2.5	2.8	--
Jharsuguda	Assessment of Tissue culture Banana Var- G-9, DC	Continuing	--	--	--	--	--	--	--	--	--	--	-	--	--	--

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 m ² /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		

2.5 Feedback from KV to Research System

Name of KV	Feedback

3. 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	Groundnut	Weed Management	Weed control by Oxyfluorofen	Demonstrations, Trainings and literature.	42	712	152
Jharsuguda	Paddy	Varietal substitution	Demonstration of paddy var. Sahabragi	Demonstrations, Trainings and literature.	22	548	50
Jharsuguda	Groundnut	Oilseed production	Package and practices of Groundnut with HYV seeds	Demonstrations Trainings and literature.	08	56	12
Jharsuguda	Sesamum	Oilseed production	Package and practices of Sesamum with HYV seeds	Demonstrations Trainings and literature.	12	82	16
Jharsuguda	Greengram	Oilseed production	Package and practices of Greengram with HYV seeds	Demonstrations Trainings and literature.	06	34	8
Jharsuguda	Maize	Nutrient management	Demonstration of micro nutrient application in Maize	Demonstrations Trainings and literature.	12	182	18
Jharsuguda	Brinjal	Varietal substitution	Cultivation of Brinjal variety Utkala Keshari	Demonstrations, Trainings and literature.	8	71	5
Jharsuguda	chilli	Varietal substitution	Cultivation of chilli variety –Utkala ava	Demonstrations, Trainings and literature.	9	86	7
Jharsuguda	Potato	Varietal substitution	Cultivation of Potato variety Kufri Surya	Demonstrations, Trainings and literature	5	32	4
Jharsuguda	Banana	Varietal substitution	Cultivation of Tissue culture Banana variety- DC	Demonstrations, Trainings and literature	4	24	5
Jharsuguda	tomato	Varietal substitution	Cultivation of tomato var-Utkal raja	Demonstrations, Trainings and literature.	12	92	14
Jharsuguda	Marigold	Floriculture	Cultivation of African Marigold	Demonstrations, Trainings and literature.	5	15	4
Jharsuguda	Mushroom	Income generation activities	Cultivation of paddy straw and Oyster mushroom.	Demonstrations, Trainings and literature.	14	32	410 beds

Jharsuguda	Vermi-composting	Income generation activities	Demonstration on vermi-composting in thermoresistant polytank.	Demonstrations, Trainings and literature.	15	36	80 pits
Jharsuguda	pisciculture	Fish farming	Mixed culture of carp	Demonstrations, Trainings and literature.	7	24	14
Jharsuguda	pisciculture	Fish farming	Pond based fish farming	Demonstrations, Trainings and literature.	8	26	15
Jharsuguda	pisciculture	Fish farming	Yearling culture in fish pond	Demonstrations, Trainings and literature.	5	8	2
Jharsuguda	Poultry	Backyard Poultry	Improved backyard poultry rearing –Banaraja	Demonstrations, Trainings and literature	18	210	2480

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.

*Don't press enter key to navigate among col use arrow or tab key

*don't add space before or after statement within the table cell

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Entreprises	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Jharsuguda	2014	Kharif	Pisciculture	Demonstration on mixed culture of fresh water prawn along with carp	IMC + chiinse carp and fresh water prawn	IMC, chienese carp,	1.0	15	28	86	03		02	05	
Jharsuguda	2014	Kharif	Pisciculture	Culture and breeding of live bearer.	Enterprise	Molly, Guppy, Plati,	--		2000 nos.		--	--	--	03	03
Jharsuguda	2014	Kharif	Varietal Substitution	Yield performance of chili variety-Utkal Ava	Chili	Utkal Ava	0.4	52	68	30	--	05	--	--	05
Jharsuguda	2014-15	Rabi	Varietal Substitution	Demonstration of yield performance of African orange Marigold	African Marigold	African Orange	0.053	114	148	29	--	04	--	--	04
Jharsuguda	2014	Kharif	Package and practices	Oilseed production- Sesamum variety- Binayak	Sesamum	Binayak	5.0	6.3	8.1	28.57	--	4	06	--	10
Jharsuguda	2014-15	Rabi	Package and practices	Pulse production- Greengram var- IPM-02-14	Greengram	IPM-02-14	5.0	4.6	6.8	22	--	04	06	--	10
Jharsuguda	2014-15	Summer	Package and practices	Oilseed production- Groundnut variety- Devi	Groundnut	Devi	5.0	10.8	13.5	25	--	7	1	--	8

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 on mixed culture of fresh water prawn alongwith carp	IMC + Chinese carp and fresh water prawn	--	--	--	80000	130000	150000	300000	70000	170000	1.87	2.3
Jharsuguda	Culture and breeding of live bearer.	Molly, Guppy, Plati	--	--	--	Nil	2000	--	4500	--	2500	--	4.8
Jharsuguda	Yield performance of chili variety- Utkal Ava	Chili	No. of fruits per plant	12	16	45000	52500	104000	136000	59000	83500	2.3	2.6
Jharsuguda	Demonstration of yield performance of African orange Marigold	African Marigold	No. of flower per plant	13	17	62500	72000	171000	222000	108500	150000	2.7	3.08
Jharsuguda	Oilseed production- Sesamum variety- Binayak	Sesamum	No. of fruits per plant	9	12	12800	14200	31500	40500	18700	26300	2.4	2.8
Jharsuguda	Pulse production- Greengram var- IPM-02-14	Greengram	No. of fruits per plant	14	22	9500	11200	23000	34000	13500	22800	2.4	3.0
Jharsuguda	Oilseed production- Groundnut variety- Devi	Groundnut	No. of pods per plant	24	30	20200	22500	43200	54600	23000	32100	2.1	2.42

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/Entreprises			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				

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jharsuguda	IMC + Chinese carp and fresh water prawn	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jharsuguda	Molly, Guppy, Plati	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jharsuguda	Chili	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jharsuguda	African Marigold	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jharsuguda	Sesamum	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jharsuguda	Greengram	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jharsuguda	Groundnut	Field days	1	50	
		Farmers Training			
		Media coverage			
		Training for extension functionaries			

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

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

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 to be 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,	15.05.2014, (Bhaunra) 16.05.2014 udrajore), 22.05.2014 (Parmanpur),24.05.2014(Lahandabud)	152
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.	15.05.2014, (Bhaunra) 16.05.2014 udrajore), 22.05.2014 (Parmanpur),24.05.2014(Lahandabud)	108
Jharsuguda	Extension Personnels	Group discussion and interaction with the extension functionaries of line department in the workshop and meeting.	20.12.2014, 26.02.2015, 16.10.2014, 10.03.2015,26.07.2014 (Dept. of State Agriculture, Horticulture, Fishery and allied sector, Jharsuguda	26

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

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	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Total	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Jharsuguda	F & FW	OFC	SFM	INM for Tomato	1	1	1	10	3	--	--	11	4	21
Jharsuguda	F& FW	OFC	WOE	Management of Women SHG	1	1		24	--	1	--	--	--	25
Jharsuguda	F & FW	OFC	HOF	Improved cultural practices on crop	1	1	16	7	--	2	--	--	16	9
Jharsuguda	F & FW	OFC	HOV	Scientific cultivation of Onion and Potato	1	1	3	2	--	--	14	6	17	8
Jharsuguda	F & FW	OFC	IGA	Mushroom Cultivation	1	1	1	10	--	05	1	08	2	23
Jharsuguda	F & FW	OFC	HOF	Importance of Floriculture and its method of cultivation	1	1	11	1	2	1	4	6	17	8
Jharsuguda	F & FW	OFC	IGA	Backyard poultry rearing	1	1	6	4	--	--	11	4	17	8
Jharsuguda	F & FW	ONC	WOE	Training on Mushroom spawn production	1	1	--	19	--	--	--	6	--	25
Jharsuguda	F&FW	ONC	SFM	soil sample collection technique	1	1	13	4	--	--	8	0	21	4
Jharsuguda	F&FW	OFC	CBD	Group Dynamics	1	1	11	7	3	2	--	2	14	11
Jharsuguda	F&FW	OFC	CBD	Entrepreneurship Development	1	1	2	1	--	--	9	13	11	14
Jharsuguda	F & FW	OFC	FIS	Pre stocking pond management	1	1	3	1	--	--	4	17	7	18
Jharsuguda	F& FW	OFC	FIS	Multiple carp culture	1	1	19	--	--	--	2	4	21	4
Jharsuguda	F & FW	OFC	FIS	Ornamental Fish Culture	1	1	15	7	--	--	2	1	17	8
Jharsuguda	F & FW	OFC	FIS	Integrated Fish farming	1	1	9	8	--	--	2	6	11	14
Jharsuguda	F & FW	OFC	FIS	Integrated Farming System	1	1	3	1	--	--	3	18	6	19
Jharsuguda	F & FW	OFC	FIS	Fresh Water Culture	1	1	11	12	--	--			11	12
Jharsuguda	RY	OFC	SFM	Soil testing and soil sample collection technique	1	3	11	1	1	--	2	--	14	1

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Total	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Jharsuguda	RY	ONC	SFM	Soil amendments for sustainable agriculture	1	2	--	--	--	--	5	10	5	10
Jharsuguda	RY	OFC	SFM	Method of preparation of vermicompost	1	1	02	02	1	1	6	3	9	6
Jharsuguda	RY	OFC	SFM	Integrated farming system	1	1	2	--	--	--	11	2	13	2
Jharsuguda	RY	ONC	HOV	Seed production of horticultural crops.	1	1	2	1	--	--	6	6	8	7
Jharsuguda	RY	ONC	HOV	Nursery Management of horticultural crops	1	1	1	--	--	--	10	4	11	4
Jharsuguda	RY	ONC	HOV	Improved cultural practices of Marigold	1	2	4	7			3	1	7	8
Jharsuguda	RY	ONC	HOV	Cultural Practices on Ivy gourd	1	2	6	5	-	3	1	--	10	5
Jharsuguda	RY	ONC	CBD	Use of soil health card and its application in field.	1	1	6	4	--	--	5	--	11	4
Jharsuguda	RY	ONC	CBD	Income generation activities	1	2	10	2	--	--	3	--	13	2
Jharsuguda	RY	ONC	CBD	Bee keeping	1	2	2	1	--	--	8	4	10	5
Jharsuguda	RY	ONC	FIS	Composite fish culture	1	1	9	1	2	--	3	--	14	1
Jharsuguda	IS	ONC	HOF	Rejuvenation of old orchard	1	1	7		--	--	3	--	10	--
Jharsuguda	IS	ONC	HOV	Protected cultivation technology	1	1	5	2	--	--	3	--	8	2
Jharsuguda	IS	ONC	CBD	Market led Extension strategy	1	1	2	2	2	2	2	--	6	4
Jharsuguda	IS	ONC	CBD	Capacity building by ICT.	1	1	8	--	1	--	1	--	10	--
Jharsuguda	IS	ONC	CBD	Group dynamics and farmers organization	1	1	2	3	1	--	2	2	5	5
Jharsuguda	IS	ONC	CBD	Bee Keeping	1	1	6	--	1	--	3	--	10	--

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							
					Gen		SC		ST		Total	
					M	F	M	F	M	F	M	F
Jharsuguda	Organic Farming	Crop	SFM	3	6	--	4	0	0	0	10	--
Jharsuguda	Commercial Horticulture of vegetable and flower	Crop	HOV	3	4				6		10	--
Jharsuguda	Bee keeping	Enterprise	IGA	3	1	1	--	--	5	3	6	4
Jharsuguda	Cultural practices of IVY gourd	Crop	HOV	5	5	3		1	4	2	9	6

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 elsewhere
		Type of units		Number of units			Number of persons employed	

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	

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 & Income
			Before	After	Before	After	Before	After	
Jharsuguda	Soil testing and soil sample collection technique	15	16	35	35	42	12000	16000	1. Area expanded (ha)- 114 2. No. of farmers adopted (no.)- 12 3. % change in knowledge 112, production 20 & Income 33
Jharsuguda	Soil amendments for sustainable agriculture	15	15	32	35	44	13000	18000	1. Area expanded (ha)-112 2. No. of farmers adopted (no.)10 3. % change in knowledge 120, production 20 & Income 38
Jharsuguda	Method of preparation of vermicompost	15	18	34	2 q/pit	5 q/pit	1000	25000	1. Area expanded – 3 villages 2. No. of farmers adopted (no.)- 8 3. % change in knowledge 95 , production 150 & Income 150
Jharsuguda	Integrated farming system	15	20	38	--	--	120000	180000	1. Area expanded (ha)- 3 villages 2. No. of farmers adopted (no.)-5 3. % change in knowledge 90, production & Income 50
Jharsuguda	Nursery Management of horticultural crops	15	16	30	--	--	40000	60000	1. Area expanded (ha)- 4 villages 2. No. of farmers adopted (no.)- 6 3. % change in knowledge 86, production & Income (50)
Jharsuguda	Income generation activities	15	15	32	--	--	30000	42000	1. Area expanded (ha)- 6 villages 2. No. of farmers adopted (no.) 9 3. % change in knowledge 112, production & Income, 34
Jharsuguda	Composite fish culture	15	15	35	15	28	70000	140000	1. Area expanded (ha)- 5 ha 2. No. of farmers adopted (no.)-7 3. % change in knowledge 135, production 87 & Income 100
Jharsuguda	Rejuvenation of old orchard	10	22	38	--	--	180000	240000	1. Area expanded (ha)- 2 2. No. of farmers adopted (no.) 6 3. % change in knowledge 76 , production & Income 33
Jharsuguda	Protected cultivation technology	10	12	24	--	--	--	--	1. Area expanded (ha)- 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income

Jharsuguda	Market led Extension strategy	10	15	30					1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
Jharsuguda	Capacity building by ICT.	10	10	25					1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
Jharsuguda	Group dynamics and farmers organization	10	12	30					1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
Jharsuguda	Bee Keeping	10	12	26					1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, 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				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stage s
Jharsuguda	Field Day	1	1	2	1	28	19	2	1	Horizontal spreading of the demonstrated technologies in the district		
Jharsuguda	Kisan Mela	1	1	240	328	144	288	14	8	Awareness of Agricultural innovation		
Jharsuguda	Kisan Ghosthi											
Jharsuguda	Exhibition	5	5							Knowledge transfer and Dissemination of the technologies		
Jharsuguda	Film Show	4	4	58	69	34	39	3	1	Knowledge and skill update		
Jharsuguda	Method Demonstrations											
Jharsuguda	Farmers Seminar											
Jharsuguda	Workshop	1	1	4	01	3	2	8	02	Awareness & Dissemination of technology, success story		
Jharsuguda	Group meetings	14	14	227	256	148	219	4	2	Dissemination of technology, success story sharing		
Jharsuguda	Lectures delivered as resource persons	8	8	98	87	56	59	03	1			

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topics	Crop Stages
Jharsuguda	Newspaper coverage	02	02									
Jharsuguda	Radio talks	02	02							Mass awareness		
Jharsuguda	TV talks	02	02							Mass awareness		
Jharsuguda	Popular articles									Mass awareness		
Jharsuguda	Extension Literature	04	04							Mass awareness		
Jharsuguda	Farm advisory Services	04	04	38	05	18	09	02	01			
Jharsuguda	Scientific visit to farmers field	73	73	128	143	108	151	05	03	Problem solution and Technology dissemination		
Jharsuguda	Farmers visit to KVK	36	36	34	47	27	33			To get information regarding crop and enterprise management		
Jharsuguda	Diagnostic visits											
Jharsuguda	Exposure visits											
Jharsuguda	Ex-trainees Sammelan	3	3	33	37	34	46	01	01	Assess the impact		
Jharsuguda	Soil health Camp	01	01	148	16	96	24	02	--			
Jharsuguda	Animal Health Camp	02	02	68	12	16	04	05	--	Vaccination camp & Treatment.		
Jharsuguda	Agri mobile clinic											
Jharsuguda	Soil test campaigns											
Jharsuguda	Farm Science Club conveners meet	2	2	38	11	42	09	01	01			
Jharsuguda	Self Help Group conveners meetings	1	1	02	12	2	09	01	01	To bring the SHGs in a common platform to share various issues		
Jharsuguda	Celebration of important days (World environment day)	05	05	108	97	82	138	05	01	1. University Foundation day 2. World food day 3. Women's day in Agriculture		

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	June 2014	Qtrly	500	500
Jharsuguda	Sept.2014	Qtrly	500	500
Jharsuguda	Dec 2014	Qtrly	500	500
Jharsuguda	March 2015	Qtrly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jharsuguda	Booklet	Scientific cultivation of Green and Blackgram	Dr. Biswaranjan Pattanaik, P.C Sri Pravat Kumar Sahoo, P.A (Agriculture)	500
Jharsuguda		Indigenous Technical Knowledge in Agriculture and allied	Dr. Biswaranjan Pattanaik, P.C Sri Pravanjan Mishra, SMS (Hort.)	500
Jharsuguda		Scientific Cultivation of Groundnut	Dr. Biswaranjan Pattanaik, P.C Sri Pravat Kumar Sahoo, P.A (Agriculture)	500
Jharsuguda		Scientific cultivation of Marigold	Dr. Biswaranjan Pattanaik, P.C Sri Pravanjan Mishra, SMS (Hort.)	500
Jharsuguda	Year Planner	Year Planner-2014-15		250

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jharsuguda	Oilseed	Groundnut	Devi	2.54	16078	20	0.4
Jharsuguda	Pulse	Arhar	Asha	1.1			0.6

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	Abinash	240	240	2	
Jharsuguda		Brinjal	Utkal Keshari	15500	15500	20	
Jharsuguda		Chili	Utkal ava	11000	11000	18	
Jharsuguda		Balsan	Balsam	40	40	1	
Jharsuguda		Red Cabbage	Red Cabbage	150	150	2	
Jharsuguda		Capsicum	California Wonder	940	940	5	
Jharsuguda		Cauli Flower	Anupama	800	800	4	
		Papaya		02	30	1	

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						
Jharsuguda	Bio Agents						
Jharsuguda	Bio Fertilizer	Vermi culture	1.3 kg		650	3	
Jharsuguda	Bio Fertilizer						
Jharsuguda	Mushroom Spawn	Paddy Straw Mushroom		258	3096	30	

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	500 nos.	24890	50
Jharsuguda	Fingerlings	Ornamental fish	Fingerlings	200	4000	05

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	--	--	--	346	280	8	--	346

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	--	--	--	04	04	2	--	04

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RY/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)
Jharsuguda	November	2014	Organic Farming	3	10	2	--	20
Jharsuguda	January	2015	Commercial Ornamental floriculture	3	10	2	--	20
Jharsuguda	February	2015	Bee keeping	3	10	2	--	20
Jharsuguda	March	2015	Farmers Scientist Interaction	2	25	2	--	20

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	2010	2013	04	02	--

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jharsuguda	25.07.2014	25	<ol style="list-style-type: none"> 1. The CDVO has recommended for training on weaning mix preparation may be expanded to other areas of the district 2. The DSW representative, programme officer recommended for drudgery reduction of farm women. The trial on paddy winnower is taken or training may be organised in the adopted villages instead of kula winnowing. 3. The knowledge about drudgery reduction tools & implements may be encouraged to farm womens through awareness campaign or training in operating agricultural operations. 4. The Associate Director Fishery asked about the number of technology on fishery adopted by the farmers & number of technology on fishery tested should be recorded/document. 5. Fishery representative also asked to do demonstration in maximum villages & blocks of the district for better dissemination of the technologies. 6. The representative from P.D, watershed has recommended to take any programme on livelihood activities , now it is essential for rural areas about their livelihood security. 7. The TNAU store grain pest insect trap is a good technology which may popularise, the measure to be taken by KVK. Booklet, leaflet , bulletin may be prepared & distributed to farmers.

			<ol style="list-style-type: none"> 8. Dr. Banarjee requested to all to adopt sustainable technologies & undertake some farmers friendly, low cost technology in the area utilizing available resources. 9. Dr. P.Samanta, Scientist, RRTTS, Chipilima suggested to spray Zinc as micronutrient in paddy. 10. Organic culture, organic matter production should be emphasized in the industrial areas as recommended by the chairman.FLD and OFTs should be taken on organic based activities. 11. Floriculture may be encouraged to do in low cost poly house under NICRA project at village level as recommended by the chairman of the meeting. 12. Intercropping pattern of cultivation may be taken under NICRA project basing on farming situation of the village. 13. KVK must emphasized on integrated approach in cultivation or farming process for more profit & continuous output. 14. Balance dose of fertilizer application is not yet popularise among the farmers , it may be popularise as recommended by Dr. P. Samanta.
Jharsuguda	20.12.2014	25	<ol style="list-style-type: none"> 1. Potato variety - Kufri Surya may be preferred as it is earlier variety than kufri jyoti. 2. TSP- adopted villages must be more than 60 % ST population. 3. Trials on Dry fish may be encouraged at lakhapur block in the Hirakud back area region.. 4. Mushroom spawn production in KVK may be encouraged at KVK to fulfil the demand in the market. 5. Integrated farming system & farm mechanization on drudgery reduction tools & implements may be encouraged. 6. Rearing of backyard poultry trials may be conducted after giving proper training on vaccination, management practices. 7. Income generation activities like mushroom productions, vermicomposting, value addition encouraged in rabi season. 8. Emphasis may be convergence made by line department for the benefit of farmers. 9. Activities and trials on kharif potato, kharif onion, kharif floriculture may be taken up. 10. Trial on value addition of fruit and vegetables , fibre extraction from banana. 11. To avoid duplication of activities / trials with watershed departments , proper liaisoning may be taken up in common villages. 12. Analysis of per capita income in NICRA village. 13. Demonstration on pangasius breed of fish may be profusely encouraged & also demonstration on palated feed may be taken up. 14. Low interest of farmers towards Govt. scheme may be identified. 15. Availability of good quality seed & materials may be tried. 16. Maintenance of filed note book by SRF NICRA.

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	105	1000	25	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	40000	Farmers fair cum farmers scientist interaction programme	Durlaga and KVK Conference hall	--

16. Status of Revolving Funds (Rs.)

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

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jharsuguda	Sri Hrudananda Meher	Farmer	OUAT, Bhubaneswar	--

17. 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, Groundnut	02
2	Potato ,Red Cabbage, Cabbage	03
3	Cauli Flower	1

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	Khirodini Patel	Value Addition	At- Lahandabud, Dist- Jharsuguda, Mob-7894263295
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	Naveen Patel	Marigold Cultivation	At- Gudigaon, Dist- Jharsuguda, Mob-9776011314
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	Maithili Meher	Backyard poultry	At- Bhoimunda, Dist- Jharsuguda, Mob-
09	Jharsuguda	Pradeep Kumar Patel	Advance fish culture	At- Mudrajore, Dist- Jharsuguda, Mob-8658117888
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
1	10.03.2015	1000
2	26.02.2015	10

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jharsuguda	5	5	8	17

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
1	Groundnut	5.0	01	FLD on Oilseed

23. KVK Ring

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

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Jharsuguda	Prof. S. S Nanda, Dean Extension Education,OUAT	10.03.2015		SAU		Visited during farmers fair
Jharsuguda	Sri B.G Acharya, ADM, Jharsuguda	26.02.2015			Others	Visited the KVK as chief guest in KVK-Agro Entrepreneurs meet.
Jharsuguda	Dr. Subash Chandra Mohapatra, Jt. Director, DEE, OUAT, Bhubaneswar	20.12.2015		SAU		Visted KVK and attended the 9 th SAC meeting.
Jharsuguda	Dr. Subash Chandra Mohapatra, Jt. Director, DEE, OUAT, Bhubaneswar	16.07.2014		SAU		Attended the ICAR foundation day
Jharsuguda	Sri Chittaranjan Sahoo, ADH, Jharsuguda	26.02.2015			Others	Participate in KVK-Agro Entrepreneurs meet.
Jharsuguda	Sri S. Kerketta, DDA, Jharsuguda	16.07.2014			Others	Attended the ICAR foundation day
Jharsuguda	Dr. Nitin Soni, R.A , ZPD, Zone-VII, Jabalpur	28.11.2014	ZPD, Zone-VII			Visited the NICRA adopted village and review the NICRA activities.

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	12	Mass

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lecturers 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			

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	Programme Co-ordinator	01	
Jharsuguda	Sri M.K Barik	SMS (Ag. Extn.)	01	
	Total			

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jharsuguda	02	02

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jharsuguda	Sri M.K Barik	SMS (Ag. Extn.)	01	
Jharsuguda	Sri P.K Mishra	SMS (Hort.)	01	
Jharsuguda	Sri P.K Sahoo	P.A (Agriculture)	01	
Jharsuguda	Sri B.R Padhi	P.A (Computer)	01	
Jharsuguda	Sri P.K Nayak	Jr. Steno	01	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jharsuguda	05	05

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
Jharsuguda	Dr. B.R Pattanaik	Programme Co-ordinator	01	
Jharsuguda	Sri M.K Barik	SMS (Ag. Extn.)	02	
Jharsuguda	Sri P.K Mishra	SMS (Hort.)	01	
Jharsuguda	Sri P.K Sahoo	P.A (Agriculture)	01	
Jharsuguda	Sri B.R Padhi	P.A (Computer)	01	
Jharsuguda	Sri P.K Nayak	Jr. Steno	01	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Jharsuguda	06	07

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
Jharsuguda	Scientific cultivation of onion and Potato	1	25	Onion and Potato
Jharsuguda	SHG Convention	1	25	--
Jharsuguda	Mushroom Cultivation	1	25	Mushroom
Jharsuguda	Importance of floriculture	1	25	Floriculture
Jharsuguda	Animal Health Camp and Nutrition Camp	1	25	Animal & Nutrition Camp
Jharsuguda	Awareness camp on soil sample collection	1	25	Soil Sample collection technique.

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

Verms Produced

Name of KVK	Verms 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 (2014-15)

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
In-situ moisture conservation through ridge and furrow method in cow pea.	Cow Pea	2.0	64.0	22.3	34
In-situ moisture conservation through ridge and furrow method in Raddish	Raddish	1.0	148	15.80	25
Green manuring paddy by Dhaincha	Dhaincha	4.0	45.0	8.69	10
Drought tolerant paddy variety- Sahabragi Dhan	Paddy	6.0	32.0	33.3	20
Crop diversification	Maize	5.0	38.0	58.3	27
INM in Cauliflower	Cauliflower	2.0	158.0	24.4	25
INM in Cabbage	Cabbage	2.0	249.0	14.2	20
IPM in Cauli Flower	Cauliflower	2.0	152.0	22.58	20
IPM in Cabbge	Cabbage	2.0	238.0	12.26	20
Backyard Poultry	Improved Poultry- Banaraja	420 nos.	1.4 kg/3mnth/bird	75	20
Breed up gradation	Improved buck- Black Bengal	3 nos.	24.6 kg/6mnth/animal	30.85	20

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Exposure visit on improved technology	8	0		8
Field day on Floriculture (Marigold)	26	24		50
Field day on backyard poultry Banaraja	23	27		50
Field day on cow pea cultivation	25	25		50

Field day on ridge & Furrow in Radish	22	28		50
Farmers-Scientists interactions	47	53		100
Animal Health Camp	16	9		25
Animal Nutrition Camp				25

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Soil testing and sample collection	25	0		25
Organic Farming	22	8		30
Backyard Poultry rearing (Banaraja)	7	8		15

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed 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

Photographs under NICRA -2014-15



Ridge and Furrow Method in Cowpea



Ridge and furrow method in Raddish



Green manuring paddy by Dhaincha



Drought tolerant paddy variety- Sahabagi Dhan





Crop diversification



INM in Cauliflower



IPM in Cauliflower



INM in Cabbage



IPM in Cabbage



INM in Cabbage



Animal Health Camp at Village Bhoimunda, Jharsuguda



Animal Health Camp at Village Bhoimunda, Jharsuguda



Animal Nutrition Camp at Village Bhoimunda, Jharsuguda



Floriculture



Floriculture



Backyard poultry (Banaraja)



Soil Testing and soil sample collection



Training on soil testing and soil sample collection.



Backyard poultry rearing (Banaraja)



Exposure Visit



Field day on Marigold

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, **TITLE, Introduction, KVK intervention, Output, Outcome, Impact**

Success story

Success Story : Floriculture for Women SHGs

1. Title : Floriculture for Women SHGs

2. Introduction : The floriculture is now an emerging enterprise for women SHG in industrial area like Jharsuguda. The enterprise gives more return with a unit of land than other traditional crops. For income generation, KVK promote the Women SHGs to adopt floriculture more particularly marigold cultivation and provided the technical guidance in the form of training, exposure visit and demonstration.

Name of Entrepreneur :- Smt Maithili Meher, Maa Mission Sakti SHG, Bhoimunda, Jharsuguda

KVK intervention :- **Knowledge and skill up gradation on** scientific marigold cultivation through training and demonstration. The KVK scientists visited the field , providing details on package and practices of marigold cultivation and monitoring regularly till the yield.

Outcome : - Production – 36 q/ Acre with a net profit of Rs.60,000.

Impact (i) Horizontal spreading of the technology to three villages
(ii) Area Expansion to next year – 5 acre
(iii) Well accepted by the farmers particularly SHGs group for income generation.

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Jharsuguda	1	--

**PROGRAMME CO-ORDINATOR
KVK JHARSUGUDA**