ANNUAL PROGRESS REPORT

April 2016 to March 2017

KRISHI VIGYAN KENDRA,
JAGATSINGPUR

Contents

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. **Grey 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 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 Peeper, Turmeric, Ginger, Cardamom etc.

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	**18**	409	
	On Going OFT	**0**	0	
	Technologies assessed (Completed OFT)	**16**	309	
	Technologies refined	**0**	0	
	On farm trials conducted	**16**	309	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	16	440	
	On Going Frontline demonstrations	0	0	
	FLDs conducted on crops	04	40	
	Area under crops (ha.)	4.0	40	
	FLD on farm implement and tools			
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	04	36	
	FLD on Fisheries - Finger lings	01	05	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	01	10	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	25	64	640
	Farm women	7	14	140
	Rural youth	06	08	120
	Extension personnel/ In service	04	08	80
	Vocational trainings	04	20	40
	Sponsored Training	04	54	240
	Total	**50**	**160**	**1260**
		No. of programmes	**Participants**	
4	**Extension Programmes**	1215	9824	
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	250	OSSC LTD	
	Planting material produced (nos.)	2243	15	
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)	364	12	
	Chicks etc. (nos.)	9939	155	

7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**	
	Bio Agents -Earth worm (Kg.)			
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	**3.32**		
	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)			
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	7	6500	
	KVK News letter	2	1000	
	SAC Meetings conducted	2	60	
	Soil sample tested	383	383	
	Water sample tested	0	0	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)			
	KVK-KMA (Message and beneficiaries)	35	15,000	
	Convergence programmes	2		
	Sponsored programmes	7	225	
	KVK Progressive Farmers interaction	2	50	
	No. of Technology Week Celebrations	11	1728	
	Attended HRD activities organized by ZPD	2		
	Attended HRD activities organized by DES	2		
	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	8	112	
11		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)	5	3	2
12		**Working (Yes/No)**	**No. of Update**	
	Status of KVK Website	YES	20	
13		**Application received**	**Application disposed**	
	Status of RTI (nos.)	5	5	
14		**Query received**	**Query dissolved**	
	Citizen Charter (nos.)			
15		**Working (Yes/No)**	**No. of programme viewed**	
	E-connectivity			
16		**Filled**	**Vacant**	
	Staff Position	15	1	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)			
18	Publication received from ICAR /other organization (nos.)	10		
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 (as on date)

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
Jagatsinghpur	16	1	0	6	6	3	3	6	6	16	15

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject ofSpecialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
Jagatsinghpur	Senior Scientist & Head	Vacant	-	-	-	-	-	-	-	-
Jagatsinghpur	Subject Matter Specialist1 (I/c SS & H)	Dr Debasis Mishra	Plant protection	Ph .D.	plant Pathology	15600-39100 + AGP 6000/-		02.11.2015	Temporary	Others
Jagatsinghpur	Subject Matter Specialist2	Ashis Ku. Mohanty	Horticulture	M. Sc. (Ag.)	Horticulture	15600-39100 + AGP 6000/-	23070	14.01.2005	Temporary	Others
Jagatsinghpur	Subject Matter Specialist3	Madhumita Sarangi	Home Science	MSc (H. Sc.)	CD & Family Welfare	15600-39100 + AGP 6000/-	22220	09.09.2011	Temporary	Others
Jagatsinghpur	Subject Matter Specialist4	Dr. Samir Ranjan Dash	Extension	M.Sc. (Ag)	Agril Extension	15600-39100 + AGP 6000/-	23070	10.01.2013	Temporary	Others
Jagatsinghpur	Subject Matter Specialist5	Dr. Prabhat Kumar Padhi	Animal Science	M.V.Sc.	Pharmacology and toxicology	15600-39100 + AGP 6000/-	15600	16.06.2015	Temporary	Others
Jagatsinghpur	Subject Matter Specialist6	Bijay Ku Routray	Plant protection	M.Sc. (Ag)	Entomology	15600-39100 + AGP 6000	22220	02.02.2016	Temporary	Others
Jagatsinghpur	Programme Assistant	Siba Prasad Mishra	Agriculture	B.Sc. (Ag.)	-	9300-34800 + AGP 4200/-	14120	01.07.2005	Temporary	Others
Jagatsinghpur	Farm Manager	Rabindra Kumar Pradhan	Horticulture	M.Sc. (Ag)		9300-34800 + AGP 4200/-	9300	31.012015	Temporary	Others
Jagatsinghpur	Computer Programmer	Samir Kumar Pattanaik	Comp Sc	MCA		9300-34800 + AGP 4200/-	12430	14.09.2012	Temporary	Others
Jagatsinghpur	Accountant / Superintendent	Bibhu Sahoo		BA		9300-34800 + AGP 4200/-	-	-	Permanent	OBC
Jagatsinghpur	Stenographer	Kamal Lochan Mahanta	Comp Sc	MCA		5200 -20200 +GP 2400			Temporary	OBC
Jagatsinghpur	Driver	Pradipta Kumar Barik		9th class		5200-20200 +1900 GP	6600	04.08.08	Temporary	Others
Jagatsinghpur	Driver	Manoj Kumar Sahoo		9th class		5200+ 1900 GP	5870	14.11.13	Temporary	Others
Jagatsinghpur	Supporting staff	Kashinath Bihari		5th Class		4400-7400+ 1300 GP	5380	19.12.07	Temporary	Others
Jagatsinghpur	Supporting staff	Urbasi Nayak		5th Class		4400-7400+ 1300 GP	5380	22.12.07	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
Jagatsinghpur	East & South East coastal plain zone	08	196	1058894	87.13%	SC-2228889 ST-8640	116458	1.2ha

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)
Jagatsinghpur	Bagoi	2015	Kujanga	25kms	980	120
Jagatsinghpur	Japa	2015	Erasama	20kms	250	125
Jagatsinghpur	Nagapura	2015	Tirtol	12 kms	368	65
Jagatsinghpur	Majhisahi	2013	Kujanga	24 kms	380	72
Jagatsinghpur	Gobinda Pokhari	2017	Jagatsinghpur	24kms	260	80

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

KVK Name	THRUST AREA
Jagatsinghpur	Management of saline soil
Jagatsinghpur	IPM in rice
Jagatsinghpur	Popularization of scented rice
Jagatsinghpur	Introduction of high yielding varieties of vegetables
Jagatsinghpur	Use of plasticulture
Jagatsinghpur	Popularization of floriculture
Jagatsinghpur	IDM in betel vine
Jagatsinghpur	Fish pond management
Jagatsinghpur	Agro based micro enterprises
Jagatsinghpur	Empowerment of SHGs through agro enterprise
Jagatsinghpur	Use of bio-fertilizers and bio-pesticides
Jagatsinghpur	Entrepreneurship development
Jagatsinghpur	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
Jagatsinghpur	Low yield in rice	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield in pulse	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield in fish farming	Through Survey and PRA exercise	All over the farm ponds in the district
Jagatsinghpur	Low milk yield in Diary	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield in vegetables	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Leaf blight and stem rot in betel vine	Through Survey and PRA exercise	Ersama, Kujanga and Tirtol blocks
Jagatsinghpur	Heavy incidence of pest and disease in rice	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield in mushroom	Through Survey and PRA exercise	Jagatsinghpur, Tirtol, Ersama, Kujanga
Jagatsinghpur	Less availability of inputs like seed fertilizer and fingerlings	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Underutilization of marine fish	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield due to use of local varieties	Through Survey and PRA exercise	All over the district

2. On Farm Testing (OFT)

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 used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.**
- **Don't press enter key to navigate among column use arrow or tab key**
- **don't add space before or after statement within the table cell**
- **Kindly mention realistic estimated yield of your crop under trail.**
- **If crop has been not yet harvested, mark it * on that**

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)	T3	FP (T_1)	RP (T_2)	T3	
Jagatsinghpur	2016	Kharif-16	Low yield	Assessment of Amaranthus varieties for yield T1-Chauli local T2-Arka SugunaT3- Arka Arunima	Assessment	Varietal evaluation	Amaranthus	Rainfed medium land	10	182.6	246.8	218.6	65,400	87,400	73,300	Amaranthus var. "Arka Suguna" is a high yielding, moderately resistant to white rust and can be taken as a profitable crop by the farmers.
Jagatsinghpur	16-17	Rabi 16-17	Low yield and heavy infestation	Assessment of Bitter	Assessment	Varietal evaluation	Bitter gourd	Irrigated mediu	10	90.4	112.4	108.2	34,320	49,920	46,560	Bittergourd var. "Arka Harit" is a

			of thrips	gourd varieties for yield and pest resistance T1-Nakhara local T2-Arka Harit T3-Arka Anupama				m land								high yielding medium sized variety and can be taken as a profitable crop by the farmers.
Jagatsinghpur	16-17	Rabi 16-17	Low yield and heavy infestation of disease	Assessment of Tomato varieties for yield and disease resistanceT1-Utkal Kumari T2-Arka Rakshak T3- Arka Samrat	Assessment	Varietal evaluation	Tomato	Irrigated medium land	10	402.6	642.2	616.8	78,200	1,21,660	1,14,040	Tomato var. "Arka Rakshak" is a F_1 hybrid with triple disease resistance to ToLCV, BW and early blight and can be taken as a profitable crop by the farmers.
Jagatsinghpur	16-17	Rabi 16-17	Low yield	Assessment of Coriander varieties for yield T1-Local T2-Arka Isha T3-CO-2	Assessment	Varietal evaluation	Coriander	Irrigated medium land	10	24.8	33.4	32.2	50,600	68,200	64,600	Coriander variety "Arka Isha" is a high yielding multicut type of variety and can be taken as a profitable crop by the farmers.
Jagatsinghpur	2016	Kharif	Heavy leaf folder incidence	Assessment of Integrated managem	Assessment	Integrated pest managem ent	Paddy	Rainfed	10	45.1	51.3	53.8	34036	41218	44768	Installation of bird perches , spraying of Indoxacarb @500ml/ha and

			causes low yield	ent practices to control leaf folder in paddy												Bifenthrin @2ml/lit alteranatively reduces the leaf folder infestation
Jagatsinghpur	2016-17	Rabi	Heavy pest incidence due to imbalanced chemical used for pest control	Assessment of Integrated pest management practices against tobacco caterpillar in cabbage	(Assessment	Integrated pest management	cabbage	Irrigated	10	190.5	220.8.	241.5	64800	80730	93200	Integrated management practices like ph trap with alternate spraying of
Jagatsinghpur	2016-17	Rabi	Heavy infestation leads to crop disaster and reduce quality and production of the crops	Assessment of integrated management practices for whitefly in okra	Assessment	Integrated pest management	Okra	Irrigated	10	109.2	128.5	132.4	44780	52560	58320	Alternate spraying of Betacyfluthrin and Neem oil with installation of Yellow sticky trap reduces the white fly menance in Okra
Jagatsinghpur	2016-17	Rabi	Low yield due to aphid and white fly at vegetative stage	Assessment of Integrated management practices for sucking pest complex in Green gram		Integrated pest management	Green gram	Irrigated	10	5.1	6.75	7.5	13800	18450	21500	Seed treatment with Imidaclopride GR and Instalation of yellow trap and alternate spraying of Thiomethoxam 125gm//ha less the sucking pest complex in greengram .
Jagatsinghpur	2016	Kharif	Suboptimal	Assessm	Assessment	LPM	poultry	Homestead	24(2	1.3 kg BW at 3	1.7 kg BW	1.9 kg	Rs100	Rs	Rs	

			utilization of scavenged feed leading to slow growth	ent of multi-enzyme mixture on growth of scavenging chicken					10 birds)	months	at 3 months	BW at 3 months		124	138	
Jagatsinghpur	2016	Kharif	Slow growth and less egg production from local ducks	Assessment of dual purpose native cross ducks under free range for meat and egg production	Assessment	LPM	Poultry	Homestead	20(200 birds)	0.9 kg BW at 6 months	1.3 kg BW at 6 months	1.9kg BW at 6 months	Rs 490	Rs 850	Rs 1020	
Jagatsinghpur	2016	Kharif	Low milk price due to low milk fat %	Assessment of bypass fat feeding on milk production in dairy cattle	Assessment	LPM	Dairy	Homestead	20(20 cows)	3.1%	3.6%	5.1 %	Rs 70 /day/cow	Rs 86 /day/cow	Rs 130 /day/cow	
Jagatsinghpur	2016	Kharif	Non availability of Adequate need	ICT based alternate rural	Assessment	ICT	Enterprise		60	42.0	Knowledge level H-30.7		22,000	12,000		Farmers are getting need based information and by

			based technical knowledge in critical time,	Information delivery system through KMA							M-42.8 L-26.5 Yiled in paddy 52.0q/ha					applying these technology
Jagatsinghpur	2016	Rabi	Small marketable surplus Interference of Middleman and lack of proper marketing channels.	Assessment of producer groups in providing better marketing avenues in vegetables	Assessment	Agricultural Marketing	Brinjal		80	producer's share in consumer price-55% MEI marketing efficiency index -2.25	producer's share in consumer price 65% MEI marketing efficiency index - 2.87		producer's share in consumer price-55%	producer's share in consumer price 65%		Marketing of vegetables through formation of producers group and selling the surplus is giving more share to the farmers and the marketing efficiency index is high .

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)		
		Nam	FP	RP	FP	RP (T_2)	Refined	FP (T_1)	RP	Refined	FP (T_1)	RP(T_2)	Refine	FP	RP	Refine

		e and unit of Parameter	(T_1)	(T_2)	(T_1)		Practice, if any (T_3)		(T_2)	Practice, if any (T_3)			d Practice, if any (T_3)	(T_1)	(T_2)	d Practice, if any (T_3)
Jagatsinghpur	Assessment of Amaranthus varieties for yield T1- Chauli local T2-Arka Suguna T3-Arka Arunima	Yield(q/ha)	182.6	246.8	34,000	36,000	36,000	99,400	1,23,400	1,09,300	65,400	87,400	73,300	2.92	3.42	3.03
Jagatsinghpur	Assessment of Bitter gourd varieties for yield and pest resistance T1-Nakhara local T2-Arka Harit T3-Arka Anupama	Yield(q/ha)	90.4	112.4	38,000	40,000	40,000	72,320	89,920	86,560	34,320	49,920	46,560	1.90	2.25	2.16
Jagatsinghpur	Assessment of Tomato varieties for yield and disease resistance T1-Utkal KumariT2-Arka RakshakT3- Arka Samrat	Yield(q/ha)	402.6	642.2	68,000	71,000	71,000	1,46,200	1,92,660	1,85,040	78,200	1,21,660	1,14,040	2.15	2.71	2.60
Jagatsinghpur	Assessment of Coriander varieties for yield T1-Local T2-Arka IshaT3- CO-2	Yield(q/ha)	24.8	33.4	30,000	32,000	32,000	80,600	1,00,200	96,600	50,600	68,200	64,600	2.68	3.13	3.01
Jagatsinghpur	Assessment of Integrated management practices to control leaf folder in paddy	Yield Infestation percentage %	45.1,22%	53.812%	27300	28550	28400	61336	69768	73168	34036	41218	44768	2.2	2.4	2.5
Jagatsinghpur	Assessment of Integrated pest management practices against tobacco caterpillar in cabbage	Yield Infestation percentage %	190.5, 26%	241.5 ,10%	42500	50350	51700	107300	131080	144900	64800	80230	93300	2.5	2.6	2.8
Jagatsinghpur	Assessment of integrated management practices for whitefly in okra	Yield Infestation percentage %	109.2 ,23%	132.4 ,14%	38450	40200	42600	83230	97760	105920	44780	57560	58380	2.16	2.4	2.5
Jagatsinghpur	Assessment of Integrated management practices for sucking pest complex in Green gram	Yield Infestation percentage %	5.1,25 %	7.5,15%	13900	15230	15550	25500	33750	37500	11600	18520	21500	1.8	2.21	2.4
Jagatsing	Assessment of multi-	BW at 3 months	1.3 kg	T2:	Rs	Rs	Rs	Rs	Rs	Rs	Rs1000	Rs 1240	Rs	2.7	2.5	2.62

hpur	enzyme mixture on growth of scavenging chicken			1.7 kgT 3: 1.9kg	560/10 birds	800/10 birds	870/10 birds	1560/10 birds	2040/10 birds	2280/10 Birds			1380	8	5	
Jagatsinghpur	Assessment of dual purpose native cross ducks under free range for meat and egg production	BW at 6 months	0.9 kg	T2: 1.3 kg T3: 1.9kg	Rs 410/10 ducks	Rs 450/10 ducks	Rs 880/10 ducks	Rs900	Rs 1300	Rs 1900	Rs 490	Rs 850	Rs 1020	2.19	2.88	2.15
Jagatsinghpur	Assessment of bypass fat feeding on milk production in dairy cattle	Milk fat % Milk yield	3.1% 5 lit/day/cow	T2: 3.6 % 8 lit/day/cow T3: 5.1 %8.5 lit/day/cow	Rs 50/day/cow	T2: Rs 112/day/cow	T3: Rs 125/day/cow	Rs 120/day/cow	Rs 208/day/cow	Rs 246 /day /cow	Rs 70 /day/cow	Rs 86 /day/cow	Rs 130 /day/cow	2.4	1.85	1.96

2.3 Information about Home Science OFT: (For All Thematic Area)

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
Jagatsinghpur	2016	kharif	Low yield potential of paddy straw mushroom *Volvariella volvacea*	**Assessment of various strains of paddy straw mushroom *Volvariella volvacea(osm-11and osm-12)***	**Assessment**	SSIGA	**Assessment of various strains of paddy straw mushroom *Volvariella volvacea(osm-11and osm-12)***	**Enterprise**	Homestead	7	

Jagatsinghpur	2016	kharif	Low fish yield due to non-judicious stocking of fingerlings in fish ponds (Sometimes more than 10000 nos. / ha)	**Assessment of different stocking densities for maximizing fish production from extensive pisciculture tanks.**	**Assessment**	Production and management of Pisciculture	**Assessment of different stocking densities for maximizing fish production from extensive pisciculture tanks.**	**Enterprise**	Pond based	5	
Jagatsinghpur	2016 -17	Rabi	Loss of grain &seeds due to improper storage	**Assessment of grain pro super bags for storage of rice and green gram**	**Assessment**	Post harvest management	**Assessment of grain pro super bags for storage of rice and green gram**	**Enterprise**	Homestead	13	

2.4 (A) Economic Performance Home Science OFT: (For Drudgery Reduction)

KVK name	OFT Title					Performance Indicator / Parameter									
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

2.4 (B) Economic Performance Home Science OFT: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter											
		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		
Jagatsinghpur	**Assessment of various strains of paddy straw**	1kg/bed	1.5kg/bed	55	55		450	Rs1200/	Rs-1650/-	650 /-	1010/-	460	1.9

	mushroom *Volvariella volvacea(osm-11and osm-12)*												
Jagatsinghpur	**Assessment of different stocking densities for maximizing fish production from extensive pisciculture tanks.**	18.42	22.43	55000	63000		33090	18.42qt	22.41qt	75780	108870	45870	1.7
Jagatsinghpur	**Assessment of grain pro super bags for storage of rice and green gram**	74% of germination	84% of germination	20	120					23% of infestation	1-2% of infestation		

2.4 (C) Economic Performance Home Science OFT: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.4(D) Economic Performance Home Science OFT: (For Nutritional security)

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		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
Jagatsinghpur	*Amaranthus* var. "Arka Suguna" is a high yielding and moderately resistant to white rust can be taken as a profitable crop by the farmers. For round the year cultivation, suitable varieties may be released.
Jagatsinghpur	Tomato variety "Arka Rakshak" is a F1 hybrid with triple disease resistant but with thin skin, not suitable for long distance transportation. So variety with thick skin and suitable for summer season may be released.
Jagatsinghpur	In high temperature the mushroom P. Pulmonarius var. gives suitable production
Jagatsinghpur	Denim red breed is a suitable breed of poultry for egg production
Jagatsinghpur	Value addition can check distress sale and generate an additional profit of Rs.1500/per quintal
Jagatsinghpur	Line transplanting with spraying of Indoxacarb and Bifenthrin alternatively reduces the leaf folder incidence in rice.
Jagatsinghpur	Spraying of of Neem oil @ 4ml/lit alternate with Betacyfluthrin 2.45SC @ 1.5 ml/lit is very effective in managing white fly in okra
Jagatsinghpur	Alterante spraying of thiomethoxam with pyometrizine (metalyxyl+ mancozeb) is effective for management of thrips and purple blotch in Onion var. "Bhima Super"
Jagatsinghpur	Alternate spraying of thiomethoxam 5gm/10lit.with Neem oil @ 4ml/lit is very effective in managing sucking pest complex in green gram
Jagatsinghpur	ICT/KMAS helped farmers with value added services to improve the productivity and provide timely information to farmers
Jagatsinghpur	Producers share in consumer's price is around 35 to 50 % in existing agricultural market system

3. Achievements of Frontline Demonstrations (FLD)

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
Jagatsinghpur	Paddy	Varietal evaluation	Demonstration of herbicide Oxyfluorofen (Zargon) in Okra	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	06	18	2.6
Jagatsinghpur	Paddy	INM	Demonstration of Onion variety "Bhima Super"	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	08	54	32
Jagatsinghpur	brinjal	Weed management	Demonstration of French bean variety "Pusa Parvati" :	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	07	82	16.8
Jagatsinghpur	Marigold	Varietal evaluation	Demonstration of watermelon variety "Arka Jyothi" :	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	05	65	9.0
Jagatsinghpur	French bean	Varietal evaluation	Demonstration on rearing of white pekin ducks for meat purpose	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	4	10	
Jagatsinghpur	Watermelon	Varietal evaluation	Demonstration on backyard poultry in post adverse climatic situations	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	90	780	450

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**
- **Kindly mention realistic estimated yield of your crop under Demonstration.**
- **If crop has been not yet harvested, mark it * on that**

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/ Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Jagatsinghpur	2016	Kharif	Weed Management	Demonstration of herbicide Oxyfluorofen (Zargon) in Okra .	Okra	Mahyco-10	1.0ha	112.2	132.8	18	0	0	5	5	10
Jagatsinghpur	2016-17	Rabi	Varietal evaluation	Demonstration of Tomato variety "Swarna Sampad" for yield and value addition with group approach.	Tomato	"Swarna Sampad"	1.0ha	502.8	692.4	38	0	0	3	7	10
Jagatsinghpur	2016-17	Rabi	Integrated Crop Management	Demonstration of Integrated Crop Management for leaf minor in cowpea variety "Utkal Manik"	Cowpea	"Utkal Manik"	1.0ha	85.4	104.6	22	0	0	6	9	15
Jagatsinghpur	2016	Kharif	IDM	**Demonstrationn on Management of sheath blight in paddy**	Paddy	Integrated disease management	1.0ha	49.5	56.6	14.3	2	0	2	6	10
Jagatsinghpur	2016	Kharif	IPM	Demonstration on management of BPH in Rice	Paddy	Integrated pest management	2ha	43.9	52.5	19.6	1	0	3	6	10
Jagatsinghpur	2016-17	Rabi	IDM	**Demonstration on management of collar rot disease in ground nut**	Groundnut	Integrated disease management	1ha	14.6	18.5	25	2	0	4	4	10
Jagatsinghpur	2016-17	Rabi	IPM	Integrated management of leaf curling diseases in chili	Chilli	Integrated pest management	1ha	112.2	143.4	27	2	0	3	5	10
Jagatsinghpur	2016-17	Rabi	ICM	Cluster demonstration on Groundnut	Groundnut	Integrated crop management	60ha	12.5	18.2	45	35	0	0	52	87
Jagatsinghpur	2016-17	Rabi	ICM	Cluster demonstration on Greengram	Greengram	Integrated Crop management	80ha	4.78	6.8	45	61	0	0	156	217

Jagatsinghpur	2016-17	Kharif, 2016	LPM	Demonstration on rearing of white pekin ducks for meat purpose	Duckery	White pekin	5(50 birds)	2.4 kg at 3 months	1.1 kg at 3 months	218	2	0	1	2	5
Jagatsinghpur	2016-17	Rabi, 2016-17	LPM	Demonstration on rearing of OUAT synthetic colour broiler in backyard	Poultry	OUAT synthetic colour broiler (Pallishree)	10 (200 birds)	1.9 kg at 2 months	1.1 kg at 2 months	172	4	0	0	6	10
Jagatsinghpur	2016-17	Rabi, 2016-17	LPM	Demonstration on trace mineral feeding for optimum maturity age in heifers	Dairy	Mineral mixture with trace minerals	10 heifers	Age at first heat 1year 9 months	Age at first heat 1year 5 months	123	2	0	4	4	10

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)
Jagatsinghpur	Demonstration of herbicide Oxyfluorofen (Zargon) in Okra .	Okra	Yield(q/ha)	112.2	132.8	50000	46000	89760	106240	39760	60240	1.79	2.30
Jagatsinghpur	Demonstration of Tomato variety "Swarna Sampad" for yield and value addition with group approach.	Tomato	Yield(q/ha)	502.8	692.4	68000	71000	166200	207720	98200	136720	2.44	2.92

Jagatsinghpur	Demonstration of Integrated Crop Management for leaf minor in cowpea variety "Utkal Manik"	Cowpea	Yield(q/ha)	85.4	104.6	36000	38000	68320	83680	32320	45680	1.9	2.2
Jagatsinghpur	**Demonstrationn on Management of sheath blight in paddy**	Paddy	Yield kg/ha	49.5	56.6	27200	28900	67320	76976	40120	48076	2.4	2.6
Jagatsinghpur	Demonstration on management of BPH in Rice	Paddy	Yield kg/ha	43.9	52.5	26900	28750	59704	71400	32804	42650	2.2	2.4
Jagatsinghpur	**Demonstration on management of collar rot disease in ground nut**	Groundnut	Yield kg/ha	14.6	18.5	33450	40450	83220	105450	49770	65000	2.4	2.6
Jagatsinghpur	Integrated management of leaf curling diseases in chili	chilli	Yield kg/ha	112.2	143.4	40500	46500	112200	143700	71700	101900	2.8	3.19
Jagatsinghpur	Cluster demonstration on Groundnut	Groundnut	Yield kg/ha	12.5	18.2	34500	42500	60000	91000	25500	45800	1.8	2.06
Jagatsinghpur	Cluster demonstration on Greengram	Greengram	Yield kg/ha	4.78	6.8	9500	15550	18700	37400	9200	21850	1.96	2.4
Jagatsinghpur	White pekin	Duckery	Body weight at 3 months	1.1	2.4	Rs 350/10 ducks	Rs 650/10 ducks	Rs 1100/10 ducks	Rs 2400/ 10 ducks	Rs 750/ 10 ducks	Rs 1750/ 10 ducks	3.14	3.69
Jagatsinghpur	OUAT synthetic colour broiler (Pallishree)	Poultry	Body weight at 2 months	1.2	1.9	Rs 1050/10 birds	Rs 1320/10 birds	Rs 1440/10 birds	Rs 2280/10 birds	Rs 390/ 10 birds	Rs 960/ 10 birds	1.37	1.72
Jagatsinghpur	Mineral mixture with trace minerals	Dairy	Age at first heat in years	1 year 9 months	1 year 5 months	Rs 3150/heifer	Rs 2750/ heifer	Rs 0 for 4 month delayed maturity	Rs 7200 for 4-month extra milk production	0	Rs 7200	-	-

3.4 Information about Home Science FLDs - (For All Thematic Area)

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
Jagatsinghpur	2016	Kharif-16	SSIGA	Low income from rearing of local breed	**Demonstration of Rainbow rooster breed of poultry in backyard**	Enterprise	**Rainbow rooster**	Homestead		10
Jagatsinghpur	2016	Kharif-16	Nutritional management	Low milk yield and economic return due to highb cost of feed	**Popularisation of Azolla as a supportive feed for miltch cow**	Enterprise	**Azolla pinnata**	Homestead		7
Jagatsinghpur	2016-17	Rabi-17	SSIGA	Less production from p. sajarkaju	Demosrtation of oyster mushroom *Pleurotus pulmonarious* in winter	Enterprise	**Pleuratous pulmonarious**	Homestead		10
Jagatsinghpur	2016-17	Rabi-17	Drudgery reduction	Drudgery in parboiling rice time and labour consuming more % of broken rice.	**Demonstration of paddy parboiling unit for drudgery reduction**	Enterprise	**Parboiling unit**	Homestead		10

3.5 (A) Economic Performance Home Science FLD: (For Drudgery Reduction)

KVK name	OFT Title					Performance Indicator / Parameter									
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Jagatsinghpur	**paddy parboiling unit**	35kg/batch	75kg/batch	10.04	8.13	118	106		23		87.5				

3.5 (B) Economic Performance Home Science FLD: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter											
		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		
Jagatsinghpur	**Demonstration of Rainbow rooster breed of poultry in** 1.5kg body wt **backyard**	1.5kg body wt	3.5kg body wt	725	1750		4300	RS 3400/20 birds	RS 7700/20 birds	2675	5950	4200	3.4
Jagatsinghpur	**Papularisation of Azolla as a supportive feed for miltch cow**	260lt/month	300lt/month	3800	3250		1750	RS-7800/month	Rs-9000/month	4000	5750	2500	1.8
Jagatsinghpur	Demosrtation of oyster mushroom *Pleurotus pulmonarious* in winter	1.8kg/bed	2.3kg/bed	350	350		480	18kg/10beds	23kg/10 beds	1270	1750	1500	5.0

3.5 (C) Economic Performance Home Science FLD: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.5 (D) Economic Performance Home Science FLD: (For Nutritional security)

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		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
Jagatsinghpur	**Rice**	**Training**	**4**	**100**	
Jagatsinghpur	**Tomato**	**Training**	**2**	**40**	
Jagatsinghpur	**Chilli**	**Training**	**1**	**20**	
Jagatsinghpur	**Groundnut**	**Training and Field day**	**2**	**100**	
Jagatsinghpur	**Greengram**	**Training and field day**	**2**	**100**	
Jagatsinghpur	**Duckery**	**Duck husbandry**	**1**	**20**	
Jagatsinghpur	**Poultry**	**Scientific poultry farming**	**1**	**20**	

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.
1	**Jagatsinghpur**	**Tomato hybrid**	**Swarna Sampad**	**ICAR-RCER,PATNA,BIHAR**	**10**	**1.0**

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**
Jagatsinghpur	Demonstration of herbicide Oxyflurofen in Okra	Group discussion, Personal contact, Training, Demonstration, Field visit	Increase in yield and decrease in cost of cultivation	Accepted
Jagatsinghpur	Demonstration of Tomato variety "Swarna Sampad" for yield and value addition	Group discussion, Personal contact,	Increase in yield and decrease in cost of cultivation	Accepted

Jagatsinghpur	Demonstration of Integrated Crop management for leaf minor in cowpea variety "Utkal manika"	Group discussion, Personal contact, Training, Demonstration,	Increase in yield and decrease in cost of cultivation and leaf minor attack	Accepted
Jagatsinghpur	Demonstration of Integrated management practices of BPH in rice	Group discussion, Personal contact, Training, Demonstration, Field visit	Increase in yield and decrease in cost of cultivation and reduces the BPH infestation	Accepted
Jagatsinghpur	Demonstration of Integrated management practices of Sheath Blight in rice	Group discussion, Personal contact, Training, Demonstration, Field visit	Increase in yield and decrease in cost of cultivation and reduces the Sheath Blight infestation	Accepted
Jagatsinghpur	Demonstration on management of collar rot in ground nut	Group discussion, Personal contact, Training, Demonstration, Field visit	Increase in yield and decrease in cost of cultivation and reduces the collar rot infestation	Accepted
Jagatsinghpur	Demonstration on management of leaf curling disease in chilli	Group discussion, Personal contact, Training, Demonstration, Field visit	Increase in yield and decrease in cost of cultivation and reduces the collar rot infestation	Accepted but the critical inputs are not available in local markets.

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jagatsinghpur	Suitable Okra varieties resistant to YMV disease may be released.
Jagatsinghpur	Suitable cowpea varieties resistant to leaf Minor disease may be released.
Jagatsinghpur	Suitable var, for Rabi Green gram with YMV tolerance
Jagatsinghpur	Suitable module for whitefly in Okra with YMV tolerance

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
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	25-26.04.16, Majhisahi	20

Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	18-19.05.16, Japabhuan	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	20-21.06.2016, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	29-30.06.16, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08-09.08.16, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	26-27.09.16, Charadia	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	24-25.10.16 Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	27.10.16 Nagapura	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	28-29.11.2016, Dhinkia	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	26-28.11.2016, Japabhuan	20
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	19.12.16, Nagapura	20
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	28.02.17, Tulanga,Erikundala	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	18.07.16, Sanakorkora	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.08.16, Ranitola	18
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	12.08.16, Kantapada	28
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	20.08.16, Mahira	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.09.16, Sainto	19
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	17.09.16, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	04.10.16, Banito	21
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	14.10.16, Badabelari	22

Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	26.10.16, Achutadaspur	24
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	04.11.16 Bodhei	22
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	29.11.16, Sanimula	27
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	20.12.16, Hashimnagar	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	22.03.17, Bhutamundai	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	2103.17, Japabhuan	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	28.03.17, Bhutamundai	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	27.03.17, Japabhuan	25

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		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Jagatsinghpur	FW	ONC	HOV	Integrated crop management in Tomato	2	4	32	0	2	0	0	0	6	0
Jagatsinghpur	FW	ONC	HOV	Integrated crop management in *Amaranthus*	2	4	33	0	0	0	0	0	7	0
Jagatsinghpur	FW	ONC	HOV	Integrated crop management in Coriander	2	4	31	0	2	0	0	0	7	0
Jagatsinghpur	RY	ONC	HOF	Entrepreneurship development through nursery business and management	2	4	34	0	1	0	0	0	5	0
Jagatsinghpur	IS	ONC	HOF	Care and Maintenance of young Coconut seedlings	1	1	11	0	1	0	0	0	8	0
Jagatsinghpur	FW	OFC	PLP	IPDM in Rice	1	2	20	0	0	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	Integrated Pest Disease management in Rice	1	2	20	0	1	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	Integrated Pest Disease management in vegetables	1	2	19	0	03	0	0	0	0	0
Jagatsinghpur	FW	ONC	PLP	Integrated Pest Disease management	1	2	17	0	1	0	0	0	0	0

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				in vegetables										
Jagatsinghpur	FW	ONC	PLP	Integrated Pest Disease management in vegetables	1	2	18	00	02	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	Integrated Pest Disease management in pulses	1	2	14	0	06	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	Integrated Pest Disease management in Oilseed and pulses	1	2	20	0	0	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	Management of disease pest in cauliflower and cabbage	1	2	18	0	02	0	0	0	0	0
Jagatsinghpur	RY	ONC	PLP	Care and maintenance of spray equipments	1	2	10	0	0	0	0	0	0	0
Jagatsinghpur	IS	ONC	PLP	Application of new generation Pesticides for pest control	1	2	13	0	7	0	0	0	0	0
Jagatsinghpur	FW	ONC	CBD	Group Dynamics formation of farm science club and its management-2days	1	2	20	0	0	0	0	0	0	0
Jagatsinghpur	FW	ONC	CBD	Gender mainstreaming in agriculture-2 days	1	2	18	02	0	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	Scientific cultivation Green gram- 1 day	1	1	25	0	0	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	ICM on Summer green gram -1 day	1	1	22	3	0	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	YMV control in Summer Geengram -1 day	1	1	22	3	0	0	0	0	0	0
Jagatsinghpur	FW	OFC	PLP	Scientific cultivation Green gram-1 day	1	1	25	0	0	0	0	0	0	0
Jagatsinghpur	RY	ONC	CBD	Role of ICT in Agriculture	1	2	15	5	0	0	0	0	0	0

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Jagatsinghpur	RY	ONC	CBD	Capacity building programme for Para Extension Workers for sustainable agriculture	1	2	19	1	0	0	0	0	0	0
Jagatsinghpur	RY		CBD	Entrepreneurship development and project module preparation	1	2	17	03	0	0	0	0	0	0
Jagatsinghpur	IS	ONC	CBD	Leadership development and role of village level leader for agriculture development	1	1	17	02	0	0	0	0	0	0
Jagatsinghpur	FW	OFC	WOE	Enterpreurship development through paddy straw mushroom cultivation	1	2	-	-	-	2	-	-	-	18
Jagatsinghpur	FW	OFC	WOE	Enterpreurship development through paddy straw mushroom cultivation	1	2	-	-	-	2	-	-	-	18
Jagatsinghpur	RY	ONC	WOE	paddy straw mushroom cultivation for sustaining livelihood	1	2	-	-	-	3	-	-	-	17
Jagatsinghpur	FW	OFC	WOE	paddy straw mushroom cultivation for income generation	1	2	-	-	-	2	-	-	-	18
Jagatsinghpur	FW	OFC	WOE	Processing & storing of dal	1	2	-	-	-	2	-	-	-	18
Jagatsinghpur	FW	OFC	WOE	Oyster mushroom cultivation by farm women	1	2	-	-	-	2	-	-	-	18
Jagatsinghpur	FW	OFC	WOE	Oyster mushroom cultivation by	1	1	-	-	-	8	-	-	-	17
Jagatsinghpur	FW	OFC	WOE	Value addition of tamato	1	1	-	-	-	1	-	-	-	24
	IS	ONC	WOE	Yearling production for additional income generation of rural women	1	1	-	-	-	2	-	-	2	21
Jagatsinghpur	FW	OFC	LPM	Duck Husbandry		2	5	0	1	0	0	0	14	0
Jagatsinghpur	FW	OFC	LPM	Financial planning in livestock and poultry		2	3	0	6	0	0	0	11	0

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				farming										
Jagatsinghpur	IS	ONC	LPM	Adverse drug reactions in veterinary field practice		1	4	1	5	1	0	0	8	1

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		Others	
					M	F	M	F	M	F	M	F
Jagatsinghpur	Entrepreneurship development through nursery business and management	Vegetables	Nursery business	4	12	0	2	0	0	0	6	0
Kvk jagatsinghpur	Mushroom spwan production	**Enterprise**	SSIGA	3			3				4	3
Jagatsinghpur	Scientific poultry farming(feeding , housing, disease management)	Poultry		3	4	0	8	0	0	0	8	0
Jagatsinghpur	Small ruminant management	Goatary		5	2	0	9	2	0	0	5	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	
Jagatsinghpur	Organic Grower		10	10	5
Jagatsinghpur	Small Poultrty farmer		15	15	2

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)	Dura-tion (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		
Jagatsinghpur	Capacity building of office bearer of Pani panchayat	CRP	Water management	RY	3	3	84	0	0	0	06	0	0	0	WALMI	2,40,000
Jagatsinghpur	Organic Grower	PLP	Organic farming	RY	25	1	18	0	0	0	2	0	0	0	ASCI, New Delhi	1,58,000
Jagatsinghpur	Small Poultrty farmer	LPM	Poultry production	RY	25	1	17	0	0	0	3	0	0	0	ASCI, New Delhi	1,58,000
Jagatsinghpur	Training & Workshop programme on PPV & FRA	PPV&FRA	Plant variety protection	FW & RY	1	1	75	0	0	0	15	0	10	0	ICAR	80,000

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)	Dura-tion (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		
	Capa															

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	
Jagatsinghpur	Integrated crop management in Tomato	20	50	85	214.2	248.4	47600	60400	1. Area expanded-26ha, 2. No. of farmers adopted- 18 nos., 3.(i) % change in knowledge:64%, (ii) % change in production:14.72%, (iii) % change in income:17.54%

Jagatsinghpur	Integrated crop management in Amaranthus	20	55	90	258	296	35900	42200	1. Area expanded-16 ha, 2. No. of farmers adopted- 13 nos., 3. (i) % change in knowledge:70% , (ii) % change in production: 15.96%, (iii) % change in income:26.89%
Jagatsinghpur	Integrated crop management in Coriander	20	45	85	240	290	38150	46500	1. Area expanded-11ha, 2. No. of farmers adopted- 18nos., 3.(i) % change in knowledge:89%, (ii) % change in production:21%,(iii) % change in income: 21.88%
Jagatsinghpur	Entrepreneurship development through nursery business and management	20	40	75	250	292	54800	64600	1. Area expanded-2 ha,2. No. of farmers adopted- 6 nos., 3. (i) % change in knowledge:88%(ii) % change in production: 16.8%, (iii) % change in income:17.88%
Jagatsinghpur	IPDM in Rice	20	40	75	250	292	54800	64600	1. Area expanded-18 ha, 2. No. of farmers adopted- 13 nos., 3. (i) % change in knowledge:88% (ii) % change in production: 21.6 (iii) % change in income:21%
Jagatsinghpur	Integrated Pest Disease management in Rice	20	50	85	214.2	248.4	47600	60400	1. Area expanded-13 ha, 2. No. of farmers adopted- 10 nos., 3. (i) % change in knowledge:43% (ii) % change in production: 26.9%, (iii) % change in income:25 %
Jagatsinghpur	Integrated Pest Disease management in vegetables	20	45	85	240	290	38150	46500	1. Area expanded-25 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:55% (ii) % change in production: 50 %, (iii) % change in income:45 %
Jagatsinghpur	Integrated Pest Disease management in vegetables	20	55	90	258	296	35900	42200	1. Area expanded-12 ha, 2. No. of farmers adopted- 10 nos., 3. (i) % change in knowledge:80% (ii) % change in production: 21 %, (iii) % change in income:20 %
Jagatsinghpur	Integrated Pest Disease management in vegetables	20	50	90	276	310	48600	59100	1. Area expanded-7 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:50% (ii) % change in production: 16 %, (iii) % change in income:18%
Jagatsinghpur	Integrated Pest Disease management in pulses	20	40	75	250	292	54800	64600	1. Area expanded-8 ha, 2. No. of farmers adopted- 6 nos., 3. (i) % change in knowledge:71% (ii) % change in production: 18%, (iii) % change in income:38 %

Jagatsinghpur	Integrated Pest Disease management in Oilseed and pulses	20	50	85	214.2	248.4	47600	60400	. Area expanded-45 ha, 2. No. of farmers adopted- 22 nos., 3. (i) % change in knowledge:80% , (ii) % change in production: 11.0%, (iii) % change in income:11.6%
Jagatsinghpur	Management of disease pest in cauliflower and cabbage	20	45	85	240	290	38150	46500	Area expanded-15 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:75% , (ii) % change in production: 5.0%, (iii) % change in income:5.0%
Jagatsinghpur	Care and maintenance of spray equipments	20	55	90	258	296	35900	42200	Area expanded-15 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:75% , (ii) % change in production: 5.0%, (iii) % change in income:5.0%
Jagatsinghpur	Application of new generation Pesticides for pest control	20	50	90	276	310	48600	59100	Area expanded-45 ha, 2. No. of farmers adopted- 22 nos., 3. (i) % change in knowledge:80% , (ii) % change in production: 11.0%, (iii) % change in income:11.6%
Jagatsinghpur	Group Dynamics formation of farm science club and its management-2days	20	40	75	250	292	54800	64600	1. Area expanded-22 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:88% (ii) % change in production: 16.8%, (iii) % change in income:17.88%
Jagatsinghpur	Gender mainstreaming in agriculture-2 days	20	50	85	214.2	248.4	47600	60400	1. Area expanded (ha): 5 blocks No. of farmers adopted (no-12 % change in knowledge50%, production33% & Income 32%
Jagatsinghpur	Scientific cultivation Green gram- 1 day	20	45	85	240	290	38150	46500	1. Area expanded (ha) : 3 blocks No. of farmers adopted (no.) % change in knowledge, production & Income: 50%
Jagatsinghpur	ICM on Summer green gram -1 day	20	55	90	258	296	35900	42200	1. Area expanded (ha)5 blocks No. of farmers adopted (no.)18 % change in knowledge, 50% production 20%& Income both 18%
Jagatsinghpur	YMV control in Summer Geengram -1 day	20	50	90	276	310	48600	59100	1. Area expanded (ha)5blocks No. of farmers adopted (no.)18 % change in knowledge, 50%production 19%& Income15%
Jagatsinghpur	Scientific cultivation Green gram-1 day	20	40	75	250	292	54800	64600	1. Area expanded (ha)2blocks No. of farmers adopted (no.)20 % change in knowledge, 50%production

Jagatsinghpur	Role of ICT in Agriculture	20	50	85	214.2	248.4	47600	60400	1. Area expanded (ha)5blocks No. of farmers adopted (no.)18% change in knowledge, 50%production 19%& Income15%
Jagatsinghpur	Capacity building programme for Para Extension Workers for sustainable agriculture	20	45	85	240	290	38150	46500	1. Area expanded (ha)5blocks No. of farmers adopted (no.)18 % change in knowledge, 50%production 19%& Income15%
Jagatsinghpur	Entrepreneurship development and project module preparation	20	55	90	258	296	35900	42200	1. Area expanded-18ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge: 38%, (ii) % change in production:19.04%, (iii) % change in income:24.48%
Jagatsinghpur	Leadership development and role of village level leader for agriculture development	20	50	90	276	310	48600	59100	1. No. of farmers adopted- 6nos. 2. (i) % change in knowledge:78%, (ii) % change in production:16.20%, (iii) % change in income:16.79%
Jagatsinghpur	Integrated crop management in Tomato	20	40	75	250	292	54800	64600	1. Area expanded-12ha, 2. No. of farmers adopted- 14 nos., 3. (i) % change in knowledge:67%, (ii) % change in production:14.87%, (iii) % change in income:15.56%
Jagatsinghpur	Integrated crop management in *Amaranthus*	20	50	85	214.2	248.4	47600	60400	1. Area expanded-0.6 ha, 2. No. of farmers adopted- 6nos., 3. (i) % change in knowledge:45%, (ii) % change in production: 14.06%, (iii) % change in income:17.85 %
Jagatsinghpur	Integrated crop management in Coriander	20	45	85	240	290	38150	46500	1. Area expanded-12 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:88%, (ii) % change in production:25 %, (iii)% change in income:100%
Jagatsinghpur	Entrepreneurship development through nursery business and management	20	55	90	258	296	35900	42200	1. Area expanded-11 ha, 2. No. of farmers adopted- 11 nos., 3. (i) % change in knowledge:75%, (ii) % change in production: 25%, (iii) % change in income:25%

Jagatsinghpur	Care and Maintenance of young Coconut seedlings	20	50	90	276	310	48600	59100	1. Area expanded-19 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:64%, (ii) % change in production:25 %, (iii) % change in income:66.66%
Jagatsinghpur	Enterpreurship development through paddy straw mushroom cultivation	20	45	65	1kg/bed	1.5kg/bed	120	170	1. Area expanded-21 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:78%, (ii) % change in production: 100%, (iii) % change in income:208%
Jagatsinghpur	Enterpreurship development through paddy straw mushroom cultivation	20	45	65	1kg/bed	1.5kg/bed	120	170	4. **Area expanded (ha)-820 bedsNo. of farmers adopted (no.)16% change in knowledge -44, production -50 & income41**
Jagatsinghpur	paddy straw mushroom cultivation for sustaining livelihood	20	35	55	1kg/bed	1.5kg/bed	120	170	5. **Area expanded (ha)-820 bedsNo. of farmers adopted (no.)14% change in knowledge-57, production50 & income-41**
Jagatsinghpur	paddy straw mushroom cultivation for income generation	20	35	55	1kg/bed	1.5kg/bed	120	170	6. **Area expanded (ha)-821 bedsNo. of farmers adopted (no.)-15% change in knowledge-57, production50 & income -41**
Jagatsinghpur	Processing & storing of dal	20	5	15	-	-	55/kg	70/kg	7. **Area expanded (ha) No. of farmers adopted (no.)-% change in knowledge -10, production &**
Jagatsinghpur	Oyster mushroom cultivation by farm women	20	35	55	1.8kg/bed	2.5kg/bed	108	150	8. **Area expanded (ha) 800 bagsNo. of farmers adopted (no.) 15% change in knowledge 57, production 40 income-38%**
Jagatsinghpur	Oyster mushroom cultivation by	25	35	55	1.8kg/bed	2.5kg/bed	108	150	9. **Area expanded (ha) 900 bedsNo. of farmers adopted (no.)18% change in knowledge,57 production-40 &income-38**
Jagatsinghpur	Value addition of tamato	25	25	45			Rs30/-10kg tamato	Rs420/-10kg tamato	10. **Area expanded (ha)-10 villagesNo. of farmers adopted (no.)-20% change in knowledge50, production- &income-130**
Jagatsinghpur	Yearling production for additional income generation of rural women	25	45	65	18.42qt	22.41qt	75780	108870	11. **Area expanded (ha)-100No. of farmers adopted (no.)16% change in knowledge,-44 production-21 & income-44**

Jagatsinghpur	Mushroom spwan production	10	10	20	-	-	-	-	12. **Area expanded (ha)No. of farmers adopted (no.)-2% change in knowledge10, production & income-**
Jagatsinghpur	Duck and poultry rearing in the backyard	20	35	70	1.2kg/3month	2.4kg/3month	144/-	288/-	2. Area expanded (ha)5blocks No. of farmers adopted (no.)18 % change in knowledge, 50%production 19%& Income15%
Jagatsinghpur	Scintific management of rearing of colour birds in backyard	20	30	55	1.4kg/3month	2.6kg/3month	168/-	312/-	1. Area expanded (ha)3blocks, No. of farmers adopted (no.)600,% change in knowledge, 40%production 19%& Income15%

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 Stages
				M	F	M	F	M	F			
Jagatsinghpur	Field Day	10	05	124	34	65	13	9	5	Technology disseminat ion	-	
Jagatsinghpur	Kisan Mela	02	02	312	74	76	38	15	1	Awareness	-	
Jagatsinghpur	Kisan Ghosthi	04	06	91	28	24	12			Awareness		
Jagatsinghpur	Exhibition	06	06	980						Awareness		
Jagatsinghpur	Film Show	20	17	351	130	201	28	-	-	Awareness of Agril. Technolog y	Agriculture &allied topics	
Jagatsinghpur	Method Demonstrations	15	16	240	60	82	24	8	6	-do-	-do-	
Jagatsinghpur	Farmers Seminar	02	04	178	59	52	21	4	1	-do-	-do-	
Jagatsinghpur	Workshop	2										
Jagatsinghpur	Group meetings	22	16	166	84	62	28	-	-	-do-	-do-	
Jagatsinghpur	Lectures delivered as resource persons	30	12	528	64	132	26	8	4	-do-	-do-	
Jagatsinghpur	Newspaper coverage	15	5	Mass						-do-	-do-	
Jagatsinghpur	Radio talks	4	4	Mass						-do-	-do-	
Jagatsinghpur	TV talks	4	1	Mass						-do-	-do-	
Jagatsinghpur	Popular articles	15	12	Mass						-do-	-do-	
Jagatsinghpur	Extension Literature	08	7							-do-	-do-	
Jagatsinghpur	Farm advisory Services	Mass	112	912	164	115	36	-	-	-do-	-do-	
Jagatsinghpur	Scientific visit to farmers field	150	121	645	119	275	42	-	-	-do-	-do-	
Jagatsinghpur	Farmers visit to KVK	1200	680	407	62	114	16			-do-	-do-	
Jagatsinghpur	Diagnostic visits	50	65	355	116	127	28	5	2	-do-	-do-	
Jagatsinghpur	Exposure visits	02	2	60	10	7	-	6	-	-do-	-do-	
Jagatsinghpur	Ex-trainees Sammelan	02	2	9	14	15	12	-	-	Impact of training	-do-	
Jagatsinghpur	Soil health Camp	02	1	132	15	8	4	6	-	Soil health manageme nt	Managemm anagement of acidic and saline soil	
Jagatsinghpur	Animal Health Camp	02	3	48		12		4		Management of pest and diseases	Plant protection measures	
Jagatsinghpur	Agri mobile clinic	02	3	58	16	10	6	7	-	Importanc	Soil sample	

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 Stages
				M	F	M	F	M	F			
										e of soil test	collection and testing	
Jagatsinghpur	Soil test campaigns	02	01	5	4	6	5	2	1	Awareness of Agril. technology	Agriculture &allied topics	
Jagatsinghpur	Farm Science Club conveners meet	02	02	14	12	8	6	3	7	Awareness of Agril. technology	Agriculture &allied topics	
Jagatsinghpur	Self Help Group conveners meetings	02	01	-	50	-	12	-	5	Awareness of Agril. technology	Agriculture &allied topics	
Jagatsinghpur	Mahila Mandals conveners meetings	04	03	59	18	36	12	3	1	Awareness of Agril. technology	Agriculture &allied topics	
Jagatsinghpur	Celebration of important days (World environment 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
Jagatsinghpur	March 2016	3 months	500	500
Jagatsinghpur	June 2016	3 months	500	500
Jagatsinghpur	September 2016	3 months	500	500
Jagatsinghpur	December 2016	3 months	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jagatsinghpur	Booklet	Gramina mahilanka atma nijukti pain pala chhatu chasa	Madhumita Sarangi	1000
Jagatsinghpur	Booklet	Dali o Tailya bija phasalare samanwita Rogapoka Parichalana	BK Rautaray, SR Dash, Debasis Mishra	2000
Jagatsinghpur	Leaflets	Integrated pest and disease management in Pulses	BK Rautaray, SR Dash, Debasis Mishra	2000
Jagatsinghpur	Leaflets	Scientific cultivation of Hybrid Tomato	AKMohanty, Debasis Mishra	500
Jagatsinghpur	Leaflets	Pest and disease management in crops by non-chemical methods	AKMohanty, Debasis Mishra and S.P. Mishra	500

7.3 Details of Electronic Media Produced-NIL

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.)
Jagatsinghpur	FOUNDATION	PADDY	**Pooja**	**140**	358400	OSSC	280
Jagatsinghpur	FOUNDATION	PADDY	**Upahar**	**52**	133120	OSSC	104
Jagatsinghpur	FOUNDATION	PADDY	**Gayatri**	**50**	128000	OSSC	100

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jagatsinghpur	Vegetables	Brinjal,	Blue star	4832	4832	16	0.03
Jagatsinghpur	Vegetables	Tomato	Swarna Sampad	6322	6322	23	0.03
Jagatsinghpur	Vegetables	Chilli	Pusa Jwala,Suryamukhi	4260	4260	18	0.014
Jagatsinghpur	Vegetables	Cauluflower,	DAWN-175,	4150	4150	29	0.04
Jagatsinghpur	Vegetables	Cabbage	ZENITH	4450	4450	11	0.006
Jagatsinghpur	Fruits	Papaya	Redlady, Ranchi dwarf	1850	18500	120	0.04
Jagatsinghpur	Fruits	Drumstick	PKM-1	650	3250	50	0.006
Jagatsinghpur	Mushroom spwan	Mushroom	Paddy straw	2690	40350	700	12 villages
Jagatsinghpur	Mushroom spwan	Mushroom	Oyster	560	8400	300	12 villages

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.)
Jagatsinghpur	Bio Fertilizer	Vermi compost	1000		8000	45	5
Jagatsinghpur	Bio Fertilizer	Vermin	2000nos.		1000	5	1

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
Jagatsinghpur	Chicken	Rainbow rooster, Vanaraja, Chhabro, Black rock,	Developed chicks	10587	506742	500
Jagatsinghpur	Duck	Khaki Campbel, White Pekin, Native cross	Developed Ducklings	470	15980	36
Jagatsinghpur		Turkey	Turkey	114		
Jagatsinghpur		Table bird	Table bird	461.9kg		

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)
Jagatsinghpur	Mini Soil testing lab.	`2016-17	Mrida Parikshyak	482	482	15		482

9.2 Details of water samples analyzed so far :NIL

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)
		`						

10. Rainwater Harvesting-NIL

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)
Jagatsinghpur	SEPT	2016	Capacity building of panipanchayat office bearer	9	90	9		
Jagatsinghpur	Feb	2017	Organic Grower	25	20	25		
Jagatsinghpur	March	2017	Small poultry farmers .	25	20	25		
			TOTAL	**59**	**130**	**59**		

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
Jagatsinghpur	2012	2012	5	1	Damage due to quality works

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jagatsinghpur	17.12.2016	30	• Popularization of the indigenous methods of plant protection among the farmers of the district.Promotion of farm mechanization is to be disseminated in the district for reducing farm labour, cost of production and timely operation in the field.Popularization of value added products from mushroom (mushroom powder, pickles etc.) in the district. Popularization of off season vegetables to fetch more market price.

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.		
Jagatsinghpur	30	15350	450	Farmers Portal	INM, IPM, ICM, Weather forecasting

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
Jagatsinghpur	Head to Head IRRI Trials	Central	Till not recieved	• Trial on stress tolerance var Swarna Sub-1,	Inside the district	
Jagatsinghpur	Pradhan Mantri Fasal Bima Yojna	Central	1,85,000/-	• Awareness-cum- Leaflet distribution,Mass media publicity	Inside the district	
Jagatsinghpur	Stress tolerance Varietal Trials by IARI,New Delhi	Central	Till not recieved	Luna SubarnaLuna SampadLuna Burial Reeta,Chakaakhi,Jayanti,Jalamani	Inside the district	
Jagatsinghpur	Stress tolerance Varietal Trials by IARI,New Delhi	Central	Till not recieved	Greengram Var-Pusa Vishal	Inside the district	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jagatsinghpur	30773631818	238193	46329	46329

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received

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.)

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	

	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

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.
1	Jagatsinghpur	Govinda Maharana	Oyster Mushroom without removing polythene covering	Alipingala, Jagatsinghpur, 238800910
2	Jagastinghpur	Golak Chandra Nayak	Power operated paddy thresher –cum-winnower	Pubapada, Tirtol, 9861288897
3	Jagatsinghpur	Bipin Bihari Swain	Quality paddy seed production through hand picking	Baratira,Raghunathpur, 9437507156
4	Jagatsinghpur	Nrusingh Charan Behera	Increased pollination in cucurbits through honey spraying	Termanpur, Kujanga, 9938145944
5	Jagatsinghpur	Sourav Biswal	IMC with Pacu cultivation	Tulanga,Ersama
6	Jagatsinghpur	Arakshita Nayak	Improved vermicomposting through non paddy bases	Bhutamundei, Kujanga, 9937336133
7	Jagatsinghpur	Zakir Hussen	Innovation in poultry feed management	Samang, Jagatsinghpur, 9776707786
8	Jagatsinghpur	Prassanna Mohanty	Cattle feed mixture by local substrate	Nagpura ,Tirtol,9114572489
9	Jagatsinghpur	Sachidananda Das	Local Prawn fish feed	Japa bhuan 9937266414

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	21.02.2017	25
2	28.03.2017	30

21. Outreach of KVK

Name of KVK	Number of Blocks	Number of Villages

	Intensive	Extensive	Intensive	Extensive
Jagatsinghpur	6	2	49	112

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.
01	Puri	Seeds, Vermin, Participation in SAC and other programme	
02	Kendrapara	Seed, Participation in PPV&FRA, SAC	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Jagatsinghpur	Dr Kulamani Samal	5.04,2016			Hon'ble Member of Parliament, Jagatsinghpur	Visiting KVK programme and addressing the PMFBY
Jagatsinghpur	Dr. Bijayketan Upadhaya,I.A.S	09.05.2016			Collector cum DM, Jagatsinghpur	Attending SAC meeting
Jagatsinghpur	Dr Anupam Mishra	8.05.2016	ATARI, Zone-VII,Jabalpur			For visiting KVK programme
Jagatsinghpur	Mrs.Yamini Sadangi,I.A.S	15.07.2015			IAS, Collector cum District Magistrate, Jagatsinghpur	Attending SAC meeting
Jagatsinghpur	Dr P.N.Jagadev	04.10.2016		Dean, Extension Education, OUAT		Attending Training-cum-Workshop on Gender Sensitization
Jagatsinghpur	Sj. Debidatta Mohanty	05.12.2016			Chairman, Zilla Parisad, Jagatsinghpur	Celebration of World Soil Day and Pre-Rabi Farmers' Fair
Jagatsinghpur	Dr. S. R. Das	31.03.2017		Honorary Professor, Dept. of PBG, OUAT, BBSR		Attending the PPV & FRA awareness-cum training rogramme

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	KVK, Jagatsingpur	2014	20	500

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			

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	**Jagatsinghpur**	**4**	**4**	

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
Jagatsinghpur	Dr. D Mishra	SS&H	1	
Jagatsinghpur	Sri. A.Mohanty	Scientist (hort.)	1	
Jagatsinghpur	Bijaya Kumar rautaray	Scientist (pp.)	1	
Jagatsinghpur	PK Padhi	Scientist (Vert..)	2	
Jagatsinghpur	M Sarangi	Scientist (Home Sc.)	1	
Jagatsinghpur	SR Dash	Scientist (Ag.Extn..)	1	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jagatsinghpur	**06**	**07**

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jagatsinghpur	Dr. D. Mishra	SS & H	01	Orientation training programme

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jagatsinghpur	**01**	**01**

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
Jagatsinghpur	Dr. D Mishra	SS&H	1	
Jagatsinghpur	Sri. A.Mohanty	Scientist (Hort.)	1	
Jagatsinghpur	Bijaya Kumar rautaray	Scientist (PP.)	1	
Jagatsinghpur	PK Padhi	Scientist (Vet.)	2	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Jagatsinghpur	**4**	**4**

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
Jagatsinghpur	Plant health camp	02	120	
Jagatsinghpur	Animal health camp	01	50	
Jagatsinghpur	Soil test campaign	01	100	
Jagatsinghpur	Farmers' fair-cum-Exhibition	01	500	

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. Proposal of NICRA

1. **Technologies to be Demonstrated**

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

2**. Proposed Extension Activities in NICRA Village**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

3. **Proposed Training Activities in NICRA Village**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

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

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies

Success Story of Animal Science Discipline

1. **Name of the KVK -** KVK, Jagatsinghpur
2. **Name of the Scientist –** Dr. Prabhat Kumar Padhi
3. **Title of the story –** *Balanced feed supplementation for optimum growth in backyard poultry rearing*
4. **Name of the Farmer –** Mr. Dillip Mullick
5. **Address - Village/G.P.-** Dhinkia, Block-Tirtol,Dist.-Jagatsinghpur
6. **Mobile No.-** 09438434252
7. **Age -** 40 years
8. **Qualification -** Matriculate
9. **Category (SC/ST/OBC/General) -** SC
10. **Broad area of success –** Dual purpose backyard poultry rearing
11. **Name of technology –** Rearing of dual purpose colour high yielding poultry breed "Rainbow Rooster" with feed supplementation.
12. **Period of effort by the scientist –** September 2015 to September 2016
13. **Initial Status –** The farmer is a marginal farmer and depends on the secondary agriculture like poultry and goat rearing. He was previously rearing 20 nos. of Desi birds with a minimum potential of meat and egg production. He could able to earn a maximum of 4,000/- from his poultry farming.

14. **KVK Intervention –** After identifying and analyzing his problem, the KVK decided to assess the performance of high yielding colour breed like "Rainbow Rooster" with feed supplementation in the form of commercial starter feed along with multi-enzyme mixture. In this context, the KVK provided all the required inputs like developed chicks, feed and enzyme mixture etc.
15. **Effort by the Scientist –** The scientist identified the suitable site for the poultry shed and demarcated the feeding range. Then he explained the concept of scavenging feed resource base (SFRB) of the household to the beneficiary farmer. The farmer was advised to provide supplementary commercial starter feed as the SFRB was insufficient to provide balanced nutrition to the flock size he was maintaining. The scientist frequently visited and present at the site demonstrating the skill for providing nutrition at proper time and method. The weight gain/growth data of flock was regularly monitored and collected by the scientist. During the assessment, the scientist conducted capacity building training programme for nearby farmers to popularize the technology.
16. **Linkage with other Agencies –** The farmers was linked with the KVK poultry brooding unit for purchasing developed chicks and to local poultry feed supplier for purchasing fresh commercial feed and feed additives.
17. **Support provided in marketing –** The farmer was linked with the local poultry meat vendors for easy marketing of his produce.
18. **Achievement made with economics –** The farmers achieved an additional net income of Rs. 15,000/- per rearing at least 20 birds in 3 batches per year.
19. **Assets created with the profit –** He purchased a mobile phone worth Rs. 5,000/- from the additional income.
20. **Future Planning –** He wanted to establish a small brooding unit for producing replacement pullets (Sexually matured female birds on the verge of laying eggs) to catch the developing local market.
21. **Impact on other Farmers –** Observing the success of Mr. Mullick, 28 numbers of poultry growers of Dhinkia and nearby villages have taken keen interest for growing improved dual purpose colour birds with optimum feed management.
22. **Opinion of the farmer on the intervention/technology –** Dual purpose "Rainbow Rooster" breed has much superior growth rate and egg laying performance under optimum feed management condition as compared to only free range scavenging.
23. **Any other Information –** For prevention of Ranikhet disease and worm infestation in birds, RD-R_2B vaccination and quarterly deworming were also demonstrated for positive result.
24. **Action Photographs –** *Attached in separate file*

Success Story of Home Science Discipline

25. **Name of the KVK -** KVK, Jagatsinghpur
26. **Name of the Scientist –** Madhumita Sarangi
27. **Title of the story –** *Mushroom cultivation for self employment*
28. **Name of the Farmer –** Mr. Saroj Kumar Parija
29. **Address - Village/G.P.-** At-Nimakana, P.O-Manijanga, Dist.-Jagatsinghpur
30. **Mobile No.-** 9040804241
31. **Age -** 38 years
32. **Qualification -** Intermediate
33. **Category (SC/ST/OBC/General) -** OBC
34. **Broad area of success –** Mushroom cultivation
35. **Name of technology –** Cultivation of different strains of V. Volvacea, Soaking straw in lime solution @7gm/litre, cultivation of improved variety of Oyster mushroom.
36. **Period of effort by the scientist –** March 2015 to April 2016
37. **Initial Status –** The farmer was cultivating paddy crop. The straw was spoiled lying here there. Coming in contact with KVK, he came to know the utilization of paddy straw for cultivation of mushroom. Initially, he started raising 10 beds of paddy straw mushroom and get around 7 kg of mushroom and sold in the local market. Then he interested to increase the numbers of bed.
38. **KVK Intervention –** After seeing his interest towards cultivation of mushroom, KVK imparted training-cum-demonstration followed by On Farm Testing and Front Line Demonstration of Paddy straw and Oyster mushroom and technical support to the farmer. The KVK also provided mushroom spawn when ever required.
39. **Effort by the Scientist –**The scientist of KVK visited regularly and guided him to sort out the problems in raising the beds and to maintain hygiene at the time of raising beds and environment. During rainy season, he faced problem in production of mushroom cultivation due to fungal infection. The KVK Scientist diagnosed the problem and helped him to overcome.
40. **Linkage with other Agencies –** KVK linked the farmers with State Department of Horticulture for constructing a vermin-compost unit by utilizing the residue (used straw) with a subsidy of 50,000/-. Now, he is a member of Maa Sarala Mushroom Federation.
41. **Support provided in marketing –** The farmer was linked with the Paradeep Mushroom for selling his product regularly.
42. **Achievement made with economics –**Net income Rs. 20,000/- per month.
43. **Assets created with the profit –** He purchased a land of ½ acre worth Rs. 2,00,000/- for construction of a large mushroom production and vermin-compost unit.
44. **Future Planning –** He wanted to construct a large mushroom production unit and a mushroom spawn unit.

45. **Impact on other Farmers –** Observing the success of Mr. Parija, 40 numbers of mushroom growers of village Nimakana, Bindhapada, Gobindamohanty, Ilashpur and nearby villages have taken keen interest for growing mushroom round the year which seems to be a revolution in mushroom production in the district.
46. **Opinion of the farmer on the intervention/technology –** The intervention made by KVK helped the farmers to rectify the wrong procedures he was following in the process of mushroom cultivation. The technology through FLD & OFT helps him to increase the production.
47. **Any other Information –** The Director, ATARI-ICAR, Dr. Anupam Mishra visited and interacted with him and appreciated the farmer. The Dean, Extension Education, OUAT, Bhubaneswar Prof. P.N. Jagdev also visited the unit.
48. **Action Photographs –**