

# FORMAT 1- GENERAL, OFT & FLDS

## REPORTING PERIOD – April, 2011 to March, 2012

### Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement	
		Number of activity	Number of farmers/ beneficiaries	Number of activity	Number of farmers/ beneficiaries
Jagatsinghpur	Total Number of Technologies Assessed/ Refined	18	130	10	72
Jagatsinghpur	Total Number of On-Farm Trials	18	130	10	72
Jagatsinghpur	FLDs – Oilseeds (activity in ha)	5	13	5	15
Jagatsinghpur	FLDs – Pulses (activity in ha)	10	27	15	45
Jagatsinghpur	FLDs – Cotton (activity in ha)				
Jagatsinghpur	FLDs – Other than Oilseed and pulse crops(activity in ha)	22	197	16	163
Jagatsinghpur	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	07	45	07	45
Jagatsinghpur	Training-Farmers and farm women	77	1330	59	1030
Jagatsinghpur	Training-Rural youths	20	340	18	350
Jagatsinghpur	Training- Extension functionaries	17	170	7	70
Jagatsinghpur	Extension Activities	463	4650	351	1880
Jagatsinghpur	Seed Production (Number of activity as seeds in quintal)	180		252.7	
Jagatsinghpur	Planting material ((Number of activity as quantity of planting material in quintal)	10000		5000	
Jagatsinghpur	Seedling Production (Number of activity as number of seedlings in numbers)	10000		5000	
Jagatsinghpur	Sapling Production (Number of activity as number of sapling in numbers)				
Jagatsinghpur	Other Bio- products (Vermicompost)	100	4	110	4
Jagatsinghpur	Live stock products	10000		10000	
Jagatsinghpur	SAC Meeting (Date & no. of core/official members	2	60	1	30
Jagatsinghpur	Newsletters (no.)	2	1400	2	1400
Jagatsinghpur	Publication (Research papers, popular article)	2	400	2	400
Jagatsinghpur	Convergence programmes / Sponsored programmes			2	80
Jagatsinghpur	Outreach of KVK in the District (No. of blocks, no. of villages)	8		8	

# 1. GENERAL INFORMATION

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

➤ No. of Blocks	08	➤ Cultivated area:	104335 ha
➤ No. of G.Ps	196	a) High land	20908
➤ No. of Villages	1291	b) Medium land	37572
➤ Total Population	1058894	c) Low land	45855
a) Male	539528	➤ Paddy area :	90172
b) Female	519366	➤ Non paddy area	14163
➤ Population Density	633	➤ Water logged area	11497
➤ Sex ratio	962	➤ Saline affected area	7988
➤ No. of farm families	116458	➤ Flood prone area	11406
a) Small	27352	➤ Forest area	2852
b) Marginal	77428	➤ Irrigation potential	
c) Big	11678	a) Kharif	82847
➤ Fert. Consumption		b) Rabi	41519
a) Kharif	62.42 kg/ha	➤ Cropped area	
b) Rabi	50.2 kg/ha	a) Single	18175
➤ Geographical Area:	1,65,970 ha	b) Double	75611
➤ Cultivable Area:	105870 ha	c) Triple	10549

## 1.2. 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	Bartira	2009	Raghunathpur	33 kms	705	102
Jagatsinghpur	Kiranti	2008	Tirtol	17 kms	418	71
Jagatsinghpur	Pubapara	2012	Tirtol	10 kms	210	38
Jagatsinghpur	Sanakorkara	2012	Raghunathpur	42 kms	122	45
Jagatsinghpur	Kantapara	2010	Ershama	16 kms	380	72

## 1.3. 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	Pisciculture for women and youth
Jagatsinghpur	Agro based micro enterprises
Jagatsinghpur	Development of SHGs
Jagatsinghpur	Use of bio-fertilizers and bio-pesticides
Jagatsinghpur	Entrepreneurship development

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

<b>KVK Name</b>	<b>Problem identified</b>	<b>Methods of problem identification</b>
Jagatsinghpur	Low yield in rice	Through Survey and PRA exercise
Jagatsinghpur	Low yield in pulse	Through Survey and PRA exercise
Jagatsinghpur	Low yield in fish farming	Through Survey and PRA exercise
Jagatsinghpur	Low milk yield in Dairy	Through Survey and PRA exercise
Jagatsinghpur	Low yield in vegetables	Through Survey and PRA exercise
Jagatsinghpur	Leaf blight and stem rot in betel vine	Through Survey and PRA exercise
Jagatsinghpur	Low yield in mushroom due to pest disease contamination	Through Survey and PRA exercise
Jagatsinghpur	Less availability of inputs like seed fertilizer and fingerlings	Through Survey and PRA exercise
Jagatsinghpur	No use of low price fish	Through Survey and PRA exercise
Jagatsinghpur	Low yield due to use of local varieties in all the crops	Through Survey and PRA exercise

## 2. OFT (April 2011 to March 2012)

### 2.1 Basic information of the Technology taken by the KVK

\* KVK+Year+Season+ Discipline & Code

KVK name	Year	Season	Category of technology (Assessment / Refinement)	OFT on crop/ Enterprise	Title of OFT	OFT ID* (to be created by the KVK)	Name of Crop/ Enterprise	No of trials		Area (ha)		Status of the OFT (Completed/ Continued/ Result awaited)
								Targeted	Achieved	Targeted	Achieved	
Jagatsinghpur	2011	Kharif	Assessment	Crop	Assessment of rice variety Hanseswari in deep water flash flood affected area	JSP11K0101	Rice	06	06	1.0	1.0	Completed
Jagatsinghpur	2011	Kharif	Assessment	Crop	Assessment of weedicide Sathi (Pyrozosulfuran ethyl) in directed seeded paddy	JSP11K0102	Rice	06	06	2.0	2.0	Completed
Jagatsinghpur	2011-12	Rabi	Assessment	Crop	Assessment of INM in Sunflower	JSP 1112R0103	Sunflower	04	04	1.0	1.0	Completed
Jagatsinghpur	2011	Kharif	Assessment	Crop	Assessment of production of fish in composite pisciculture with <i>Puntius gonionotus</i>	JSP11K0404	Fish	03	03	0.6	0.6	Completed
Jagatsinghpur	2011	Kharif	Assessment	Crop	Assessment of non antibiotic growth promoter( feed additive, Raafres AQ) for carp culture	JSP11K0405	Fish	05	05	1.10	1.10	Completed
Jagatsinghpur	2011-12		Assessment		Assessment of organic components neem leaves and pallas seed for deworming of animals	JSP1112R0506			15			Continuing
Jagatsinghpur	2011-12		Assessment		Assessment of balanced feed in cross bred milch cow	JSP1112R0507		5	5	5	5	Completed
Jagatsinghpur	2011-12	Rabi	Assessment	Crop	Assessment of INM in Chili	JSP1112R0608	Chili	10	10	1.0	1.0	Continuing
Jagatsinghpur	2012	Summer	Assessment	Crop	Assessment of ethrel in cucumber	JSP12S0609	Cucumber	10	10	1.0	1.0	Completed
Jagatsinghpur	2012	Summer	Assessment	Crop	Assessment of organic amendment for management flower dropping in bitter gourd	JSP12S0610	Bitter gourd	10	10	1.0	1.0	Continuing
Jagatsinghpur	2012	Summer	Assessment	Crop	Assessment of INM in pointed gourd	JSP12S0611	Pointedgourd	10	10	1.0	1.0	Continuing

## 2.2 Details of Problems taken as OFT by the KVK

KVK name	OFT ID	Problem diagnose	Thematic area	Farmers' practice (T <sub>1</sub> )	Farming situation				Total Area of the district (in ha ) affected by the problem	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping system		
Jagatsinghpur	JSP11K0101	Low yield in paddy	Varietal Evaluation	Cultivation of var. Chakaakhi	Clay loam	Irrigated	Low land	Paddy – green gram / black gram	10000	Tirtol, Raghunathpur, Ersama, Kujanga, Balikuda
Jagatsinghpur	JSP11K0102	Low yield in directed seeded paddy	Weed management	Bida use followed by one hand weeding at 30DAS	Clay loam	Rainfed	Upland	Paddy – green gram / black gram	18000	Tirtol, Raghunathpur, Ersama, Kujanga,
Jagatsinghpur	JSP1112R0103	Low yield due to improper nutrient management	INM	60-30-30 kg NKP / ha	Clay loam	Irrigated	Mid land	Paddy – pulse	1000	Tirtol, Jagatsinghpur, Raghunathpur,
Jagatsinghpur	JSP11K0404	Less production of fish	Varietal Evaluation	Culture of IMC only	Clay loam	Rainfed	Lowland	Pond based	515	Tirtol, Raghunathpur, Ersama, K,ujanga, Balikuda,Biridi,Jagatsinghpur,Naugaon
Jagatsinghpur	JSP11K0405	Less production of fish	Feed and Fooder	Application of feed only	Clay loam	Rainfed	Lowland	Pond based	680	Tirtol, Raghunathpur, Ersama, K,ujanga, Balikuda,Biridi,Jagatsinghpur,Naugaon
Jagatsinghpur	JSP1112R0506									
Jagatsinghpur	JSP1112R0507	Low milk yield of milch cross bred cow due to improper breeding schedule	Nutritional management	Rice bran + pluse powder + Salt + fodder	Rainfed	Rice + pulse + animal husbandry	Homestead		5 nos cow	Tirtol
Jagatsinghpur	JSP1112R0608	Low yield in chili	INM	Imbalance use of fertilizer, no use of sulphur and zinc	Sandy loam	Irrigated	Upland	Okra – Chili	236	Tirtol, Raghunathpur, K,ujanga, Balikuda, Naugaon
Jagatsinghpur	JSP12S0609	Low yield in cucumber	ICM	No application of ethrel	Clay loam	Irrigated	Mid land	Paddy – cucumber	116	Raghunathpur, K,ujanga, Balikuda, Naugaon, Tirtol,
Jagatsinghpur	JSP12S0610	Low yield in bitter gourd	ICM	No application of organic amendment	Clay loam	Irrigated	Mid land	Paddy – bitter gourd	292	Balikuda, Tirtol, Raghunathpur, K,ujanga,
Jagatsinghpur	JSP12S0611	Low yield in pointed gourd	INM	Imbalance use of fertilizer, no use of magnesium sulphate	Clay loam	Irrigated	Mid land	Paddy – pointed gourd	136	K,ujanga, Tirtol, Raghunathpur, Naugaon

## 2.3 Details of solution taken for technology assessment/refinement by the KVK

KVK Name	OFT ID No	Details of technology selected (T <sub>2</sub> )	Source of technology	Year of release of technology	If refinement in the technology, give details of refinement over recommended practices (T <sub>3</sub> )
Jagatsinghpur	JSP11K0101	Cultivation of flash flood tolerant deep water paddy variety "Hanseswari"	CRRI, Cuttack	2008	-
Jagatsinghpur	JSP11K0102	Spraying of Saathi @200g/ha at 8-10 days of germination + one hand weeding at 35 DAS	OUAT, Bhubaneswar	2006	
Jagatsinghpur	JSP 1112R0103	Soil test based fertilizer + Gypsum 250kg/ha + Borax 10 kg/ha	OUAT, Bhubaneswar	2004	
Jagatsinghpur	JSP11K0404	Stocking of fingerlings of IMC(4200) + <i>Puntius gonionotus</i> (800)	CIFA,BBSR	2007	
Jagatsinghpur	JSP11K0405	Application of feed additive 500g/ton of feed	CIFE, Mumbai	2005	
Jagatsinghpur	JSP1112R0506				
Jagatsinghpur	JSP1112R0507	Balanced feed maize granules 40% pulse powder 25%, oil cake 18%, Rice bran 18%, salt 2%, + mineral mixture (Ca, P, Mg, zinc) 30g + fodder	OUAT, BBSR,	2007	
Jagatsinghpur	JSP1112R0608	Soil test based application of NPK (120:50:75 kg/ha) + sulphur @ 625 g /ha + zinc EDTA @ 625 g/ha	OUAT, BBSR,	2006	
Jagatsinghpur	JSP12S0609	Application of ethrel @200 ppm once at 2-3 leaf stage	IARI, New delhi,	2004	
Jagatsinghpur	JSP12S0610	Spraying of grounded neem seed 2 kg + 10 kg fresh cow dung + 200 lit of water per ha once at 3-4 leaf stage	ICAR, New Delhi,	2009	
Jagatsinghpur	JSP12S0611	Soil test based application of NPK (120:80:80 kg/ha) + magnesium sulphate @ 25kg /ha	OUAT, BBSR,	2004	

## 2.4 Performance of the technology for assessment/refinement

### A. Production

KVK Name	OFT ID	Main Products			Bye- Product				
		Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Jagatsinghpur	JSP11K0101	q/ha	31	54.8		q/ha	36.3	57.6	
Jagatsinghpur	JSP11K0102	q/ha	46	49.2		q/ha	49.5	52.9	
Jagatsinghpur	JSP 1112R0103	q/ha	11.8	15.3					
Jagatsinghpur	JSP11K0404	q/ha	30.1	39.3					
Jagatsinghpur	JSP11K0405	q/ha	30.2	39.6					
Jagatsinghpur	JSP1112R0506								
Jagatsinghpur	JSP1112R0507	Litre	7	9		%	4	4.5	
Jagatsinghpur	JSP1112R0608	q/ha	120.7	148.6					
Jagatsinghpur	JSP12S0609	q/ha	156.2	181.6					
Jagatsinghpur	JSP12S0610	q/ha	158.6	188.8					
Jagatsinghpur	JSP12S0611	q/ha	196.4	239.5					

## B. Parameters

KVK Name	OFT ID	Observations taken on parameter I					Observations taken on parameter II				
		Parameter name	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Parameter name	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Jagatsinghpur	JSP11K0101	No. of tillers	No / hill	06	20		No. of grains	No. / panicle	120	202	
Jagatsinghpur	JSP11K0102	No. of tillers	No / hill	12	15		No. of grains	No. / panicle	148	163	
Jagatsinghpur	JSP 1112R0103	Head diameter	cm	11.4	15.7		100-seed weight	gm	230 gm	265 gm	
Jagatsinghpur	JSP11K0404	Wt. of rohu	kg	0.7	1.1		Wt. of <i>Puntius gonionotus</i>	Kg	-	1.1	
Jagatsinghpur	JSP11K0405	On going									
Jagatsinghpur	JSP1112R0506										
Jagatsinghpur	JSP1112R0507	Milk yield	Litre	7	9		FAT	%	8.5	8.5	
Jagatsinghpur	JSP1112R0608										
Jagatsinghpur	JSP12S0609	Female flower	%	48	81						
Jagatsinghpur	JSP12S0610	Female flower	%	64	88						
Jagatsinghpur	JSP12S0611										

## C. Economic Performance

KVK name	OFT ID	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Jagatsinghpur	JSP11K0101	28141	34157		34100	60280		5959	26123		1.21	1.76	
Jagatsinghpur	JSP11K0102	29924	30574		50600	54120		20676	23546		1.69	1.77	
Jagatsinghpur	JSP 1112R0103	30175	33975		41300	53550		11125	19575		1.4	1.6	
Jagatsinghpur	JSP11K0404	140000	150000		240800	314400		100800	164400		1.7	2.1	

Jagatsinghpur	JSP11K0405	142000	153000		241600	316800		99600	163800		1.7	2.1
Jagatsinghpur	JSP1112R0506											
Jagatsinghpur	JSP1112R0507	40	40		105	135		65	95		2.62	3.37
Jagatsinghpur	JSP1112R0608	71200	72800		181050	222900		109850	150100		2.54	3.06
Jagatsinghpur	JSP12S0609	70200	72600		99800	181600		29600	109000		1.42	2.50
Jagatsinghpur	JSP12S0610	70100	70900		158600	188800		88500	117900		2.26	2.66
Jagatsinghpur	JSP12S0611	71400	75400		196400	239500		125000	164100		2.75	3.17

## 2.5 Recommendations/message form assessed/refined technology

KVK Name	OFT ID No	Final recommendation for micro level situation	Constraints identified and feedback for research	Process of farmers participation and their reaction	Farmers feed back	Process for sensitization of the line departments for replacement of the technology			
						Workshop/ meetings	Trainings	Visits	Publications
Jagatsinghpur	JSP11K0101	Hanseswari is a high yielder with tolerant to water logging	-	Training, GD, Field visit and Crop cutting	Tall variety with more nos. of grains / panicles, long slender grain with high market value	01	-	01	-
Jagatsinghpur	JSP11K0102	Sathi is a very good herbicide in controlling weeds in direct seeded rice	-	Training, GD, Field visit and Crop cutting	There is saving of Rs.3000 / ha towards cost of weeding	01	-	01	-
Jagatsinghpur	JSP 1112R0103	Balanced nutrition with boron application increased the yield		Training, GD, Field visit and Crop cutting	There is increase in head diameter and head wt. due to INM	01	01	01	-
Jagatsinghpur	JSP11K0404	<i>Puntius gonionotus</i> can also be stocked with IMC to get better production		GD, Training, Field day, Farmers visit	Growth of <i>Puntius gonionotus</i> is at par with rohu. It has demand in the local Market .It does not hamper in the feeding behavior of others.		02	07	
Jagatsinghpur	JSP11K0405	Feed additive (Raafres AQ) can be applied in feed to get better production		GD, Training, Field day, Farmers visit	The particular Feed additive is not available locally, but its result is better				
Jagatsinghpur	JSP1112R0506								
Jagatsinghpur	JSP1112R0507	Balanced feed for cross breed milk cow @ 2 kg/day in beneficial in increase of milk yield & SNF content & Fat % of milk	Availability of mineral mixture	Home visiting, G.D, Field visit	Milk yield in appreciable		01	08	



Jagatsinghpur	JSP1112R0608	Apply NPK @ 120:50:75 kg/ha + sulphur @ 625 g/ha + zinc EDTA @ 625 g/ha to get more yield, pungency and luster green colour of chili.		GD, Training, Field visit and taking observations	Yield, colour and pungency was appreciated by the farmers.	01	01	10	
Jagatsinghpur	JSP12S0609	Spray ethrel @200 ppm once at 2-3 leaf stage to increase female flower percentage, thereby yield in cucumber.		GD, Training, Field visit and taking observations	Farmers appreciated the performance of the technology. It is very easy and low cost technology.	01	01	12	
Jagatsinghpur	JSP12S0610	Spray grounded neem seed 2 kg + 10 kg fresh cow dung + 200 lit of water per ha once at 3-4 leaf stage to increase female flower percentage, thereby yield in bittergourd.		GD, Training, Field visit and taking observations	Farmers appreciated the performance of the technology. It is very easy and low cost technology	01	01	09	
Jagatsinghpur	JSP12S0611	Apply NPK @ 120:80:80 kg/ha + magnesium sulphate @ 25kg /ha to get more yield in pointedgourd		GD, Training, Field visit and taking observations	Yield was appreciated by the farmers.	01	02	12	

## 2.6 Farmer-wise performance of the technology for assessment/refinement

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Jagatsinghpur	JSP1112K0101	Debendra Nayak	30.7	54.6		36.2	56.5		No. of tillers	No./hill	6	19		No. of grains	No./panicle	116	200	
Jagatsinghpur	JSP1112K0101	Umesh Pradhan	29.5	55.2		36.1	56.1		No. of tillers	No./hill	5	19		No. of grains	No./panicle	114	190	
Jagatsinghpur	JSP1112K0101	Bijay Nayak	31.6	55.9		37.1	58.8		No. of tillers	No./hill	7	20		No. of grains	No./panicle	126	208	
Jagatsinghpur	JSP1112K0101	Narayan Nayak	30.9	53.8		35.8	56.9		No. of tillers	No./hill	6	21		No. of grains	No./panicle	118	193	
Jagatsinghpur	JSP1112K0101	Prasanta Patra	31.4	55.8		35.7	59.2		No. of tillers	No./hill	6	21		No. of grains	No./panicle	122	210	
Jagatsinghpur	JSP1112K0101	Sibananda Samal	31.9	53.5		36.9	58.1		No. of tillers	No./hill	6	20		No. of grains	No./panicle	124	211	
Jagatsinghpur	JSP1112K0102	Prasanna Ku. Parida	47.0	49.5		50.4	53.0		No. of tillers	No./hill	14	16		No. of grains	No./panicle	152	168	
Jagatsinghpur	JSP1112K0102	Ramesh Ch. Mohanty	45.5	49.3		48.2	53.2		No. of tillers	No./hill	13	16		No. of grains	No./panicle	150	165	

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Jagatsinghpur	JSP1112K0102	Duryo dhana Jena	45.4	48.6		49.0	52.1		No. of tillers	No./hill	11	14		No. of grains	No./panicle	144	158	
Jagatsinghpur	JSP1112K0102	Promoda Jena	45.9	49.4		49.0	52.5		No. of tillers	No./hill	14	15		No. of grains	No./panicle	152	166	
Jagatsinghpur	JSP1112K0102	Balaram Lenka	47.2	48.8		51.2	52.8		No. of tillers	No./hill	11	14		No. of grains	No./panicle	140	155	
Jagatsinghpur	JSP1112K0102	Ranjan Ku. Nayak	45.0	49.6		49.2	53.8		No. of tillers	No./hill	13	15		No. of grains	No./panicle	150	166	
Jagatsinghpur	JSP1112R0103	Arakhita Rout	12.1	16.7					Head diameter	cm	11.8	16.2		100-seed wt	gm	41.7	43.0	
Jagatsinghpur	JSP1112R0103	Anadi Rout	11.6	14.4					Head diameter	cm	11.1	14.0		100-seed wt	gm	41.2	42.8	
Jagatsinghpur	JSP1112R0103	Ranjan Barala	10.9	14.1					Head diameter	cm	11.0	14.6		100-seed wt	gm	41.1	42.8	
Jagatsinghpur	JSP1112R0103	Prasanta Ku. Sethi	12.6	16.0					Head diameter	cm	11.7	18.0		100-seed wt	gm	42.0	43.4	
Jagatsinghpur	JSP1011K0404	Priyabrata Goswamy	3010	3930					Growth of rohu	Kg	0.7	1.1						
Jagatsinghpur	JSP1011K0404	Bijayananda Nath	2980	3910					Growth of rohu	Kg	0.6	0.9						
Jagatsinghpur	JSP1011K0404	Ramakanta Barik	3040	3950					Growth of rohu	Kg	0.8	1.3						
Jagatsinghpur	JSP1011K0405	Sourava Kumar Biswal	3040	3980					Growth of rohu	Kg	0.8	1.2						
Jagatsinghpur	JSP1011K0405	Tapas Ranjan Das	3010	3960					Growth of rohu	Kg	0.6	1.1						
Jagatsinghpur	JSP1011K0405	Satya Ranjan Rout	3030	3970					Growth of rohu	Kg	0.7	1.2						
Jagatsinghpur	JSP1011K0405	Manindra Kumar Das	3010	3950					Growth of rohu	Kg	0.6	1.0						
Jagatsinghpur	JSP1011K0405	Ramesh Chandra Sahoo	3020	3950					Growth of rohu	Kg	0.6	1.1						
Jagatsinghpur	JSP1011R0506	Lopamudra Swain	1.1	3.0							1							
Jagatsinghpur	JSP1011R0506	Minati Mohanty	1.0	2.2							3							
Jagatsinghpur	JSP1011R0506	Ranjita Nayak	1.0	3.2							1							
Jagatsinghpur	JSP1011R0506	Kalpana Barik	1.3	2.5							2							

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Jagatsinghpur	JSP1011R0506	Bhagyabati Lenka	1.4	2.1							3							
Jagatsinghpur	JSP1011R0506	Pranayini Jena	1.1	2.0							2							
Jagatsinghpur	JSP1011R0506	Pravati Barik	0.9	1.8							2							
Jagatsinghpur	JSP1011R0506	Baijayani Lenka	1.1	2.3							1							
Jagatsinghpur	JSP1011R0506	Lija Nayak	1.2	2.2							1							
Jagatsinghpur	JSP1011R0506	Laphina Swain	1.1	2.7							3							
Jagatsinghpur	JSP1011R0506	Mamata Pattnaik	1.0	2.1							2							
Jagatsinghpur	JSP1011R0506	Sasmita Nayak	1.2	2.5							2							
Jagatsinghpur	JSP1011R0506	Jyostna Das	1.1	2.4							2							
Jagatsinghpur	JSP1011R0506	Minaski Das	1.0	2.2														
Jagatsinghpur	JSP1011R0506	Mana Behera	1.5	2.1														
Jagatsinghpur	JSP1011R0507	Saudamini Swain	7	9					Fat	%	4	4.5		SNF	%	8.5	8.5	
Jagatsinghpur	JSP1011R0507	Tarulata Mohanty	6.5	9.5							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Lopamudra Swain	7	9							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Laphina Swain	6	9							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Sasmita Nayak	7.2	9							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Smruti Sagarika Swain	6.5	9							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Jyostna Das	7.2	8.5							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Charulata Sahoo	6.5	9							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Kalpana Sahoo	7.2	9							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1011R0507	Pravati Barik	6.5	8.5							4	4.5				8.5	8.5	
Jagatsinghpur	JSP1112R0608	Bijaya Ku. Rout	121.3	149.8														
Jagatsinghpur	JSP1112R0608	Rama ch. Sethi	120.3	148.2														
Jagatsinghpur	JSP1112R0608	Rama ch. Behera	119.3	144.8														

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Jagatsinghpur	JSP1112R0608	Hrusikesh Muduli	118.3	146.6														
Jagatsinghpur	JSP1112R0608	Arjun Ch. Sethi	121.3	149.8														
Jagatsinghpur	JSP1112R0608	Pratap ch. Mohanty	120.3	146.4														
Jagatsinghpur	JSP1112R0608	Sitaram Sethy	119.8	145.8														
Jagatsinghpur	JSP1112R0608	Bipin Rout	120.4	148.8														
Jagatsinghpur	JSP1112R0608	Laxman Sethi	121.3	149.2														
Jagatsinghpur	JSP1112R0608	Nityananda Sethi	120.4	147.6														
Jagatsinghpur	JSP12S0609	Abhaya Biswal	156.9	181.6					Female flower	%	48	76						
Jagatsinghpur	JSP12S0609	Panu Sethi	152.6	180.4					Female flower	%	42	81						
Jagatsinghpur	JSP12S0609	Bipin Ku. Rout	158.2	181.8					Female flower	%	48	78						
Jagatsinghpur	JSP12S0609	Harekrusna Muduli	152.4	182.2					Female flower	%	46	84						
Jagatsinghpur	JSP12S0609	Jagabandhu Sethi	158.6	189.8					Female flower	%	51	80						
Jagatsinghpur	JSP12S0609	Arjuna Sethi	154.8	186.8					Female flower	%	49	78						
Jagatsinghpur	JSP12S0609	Gobinda Muduli	156.8	188.6					Female flower	%	51	81						
Jagatsinghpur	JSP12S0609	Nityananda Sethi	151.4	181.6					Female flower	%	48	76						
Jagatsinghpur	JSP12S0609	Rama Ch. Sethi	152.2	182.4					Female flower	%	48	75						
Jagatsinghpur	JSP12S0609	Bira Patra	158.2	180.1					Female flower	%	51	80						
Jagatsinghpur	JSP12S0610	Abhaya Ku. Biswal	160.6	190.8					Female flower	%	66	90						
Jagatsinghpur	JSP12S0610	Sadananda Sethi	156.4	185.2					Female flower	%	64	88						
Jagatsinghpur	JSP12S0610	Rabindranath Dwibedi	158.6	188.8					Female flower	%	68	91						
Jagatsinghpur	JSP12S0610	Gobinda Muduli	154.2	186.8					Female flower	%	63	89						

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Jagatsinghpur	JSP12S0610	Harakrushna Muduli	156.6	189.4					Female flower	%	62	88						
Jagatsinghpur	JSP12S0610	Jagabandhu Sethi	157.4	190.2					Female flower	%	64	88						
Jagatsinghpur	JSP12S0610	Manoj Ku. Rout	158.6	188.8					Female flower	%	61	84						
Jagatsinghpur	JSP12S0610	Nakula Muduli	160.6	189.6					Female flower	%	63	86						
Jagatsinghpur	JSP12S0610	Sitakanta Mohanty	154.8	186.4					Female flower	%	68	91						
Jagatsinghpur	JSP12S0610	Arjun Ch. Sethi	156.8	186.8					Female flower	%	68	88						
Jagatsinghpur	JSP12S0611	Golekh Behera	196.4	239.5														
Jagatsinghpur	JSP12S0611	Bidyadhar Das	198.4	241.6														
Jagatsinghpur	JSP12S0611	Sudarshan Behera	199.6	242.4														
Jagatsinghpur	JSP12S0611	Gouranga Behera	192.8	236.5														
Jagatsinghpur	JSP12S0611	Duryodhan Behera	196.4	241.5														
Jagatsinghpur	JSP12S0611	Kartika Behera	192.4	238.5														
Jagatsinghpur	JSP12S0611	Saroj Behera	198.6	239.5														
Jagatsinghpur	JSP12S0611	Gopinath Behera	194.8	238.4														
Jagatsinghpur	JSP12S0611	Kambhunath Behera	192.4	235.6														
Jagatsinghpur	JSP12S0611	Rashmi Ranjan Behera	195.6	241.8														

\* - Plots failed due to shortage of rains at initial stage of crop.

### 3. Achievements of Frontline Demonstrations (conducted during 1-04-2011 to 31-03-2012)

*(On the basis of Soil Test based fertilizer application for Acceptability of your results)*

#### 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 introduction	Introduction of HYV paddy variety Varshadhan in low land situation	Field day, Trainings, Group discussion, Night meetings, booklets-leaflets, CD show, Seed village programme	90	780	450
Jagatsinghpur	Paddy	Varietal introduction	Introduction of HYV paddy variety Manaswini in medium land situation	Trainings, Group discussion, Night meetings, booklets-leaflets, CD shows, Seed village programme	6	30	25
Jagatsinghpur	Paddy	Varietal introduction	High yielding rice in medium to low land situation var. Pratikshya	Trainings, Group discussion, Night meetings, booklets-leaflets, CD shows,	08	72	140
Jagatsinghpur	Paddy	Varietal introduction	Package demonstration of scented rice var. Ketakijuha	Demonstration, Group Discussion	03	20	15
Jagatsinghpur	Brinjal	10	Cultivation of wilt resistant variety of brinjal "Utkal Keshari"	Demonstration, Training, Field visit	06	42	26
Jagatsinghpur	Papaya	13	High yielding papaya cultivation	Training exposure visit, literature	07	16	6.1
Jagatsinghpur	Cauliflower	14	INM in cauliflower	Field visit, Training, Exposure visit	06	71	12.4
Jagatsinghpur	Marigold	13	Introduction of marigold	Training, Field visit	03	60	7.0
Jagatsinghpur	Banana	10	Cultivation of Tissue cultured banana	Field visit, Training, Exposure visit	04	12	4.8
Jagatsinghpur	Paddy	20	Need based pesticide application	ID, field day, training, exposure visit	08	82	162
Jagatsinghpur	Brinjal	20	Neem based pesticide application to control fruit shoot borer in brinjal	Training, GD, demonstration	03	14	3.2
Jagatsinghpur	Betel vine	21	Spraying bordeaux Mixture to manage leaf and stem blight in betel vine	GD, field visit, Training, demonstration	09	17	
Jagatsinghpur	Groundnut	13	Groundnut cultivation	GD, Field visit, Training	06	44	32
Jagatsinghpur	Greengram, Blackgram	13	Green gram & Black gram cultivation	Training, EF, Field day	04	42	14
Jagatsinghpur	Vegetables	15	Nutritional gardening	GD, field visit, demonstration	02	12	1.2

Jagatsinghpur	Fish	Composite fish culture	Composite fish farming	GD, Field visit, Field day, CD show, Demonstration	02	8	1.24
Jagatsinghpur	Fish	Magur culture	Introduction of magur culture	GD, Field visit, Field day, CD show, Demonstration	03	7	0.3
Jagatsinghpur	Fish	Integrated fish farming	Poultry-cum-pisciculture	GD, Field visit, Field day, CD show, Demonstration	02	9	1.1
Jagatsinghpur	Mushroom	Mushroom cultivation	Bed method, use of spawn, sterilization	GD, Field visit, Field day, CD show, Demonstration	02	20	400
Jagatsinghpur	Mushroom	Mushroom cultivation	Bag method, use of spawn, sterilization	GD, Field visit, Field day, CD show, Demonstration	01	15	480
Jagatsinghpur	Vegetable	Vegetable cultivation	Proper layout, crop rotation, waste utilization	GD, Field visit, Field day, CD show, Demonstration	01	12	0.24
Jagatsinghpur	Groundnut thresher	Drudgery reduction	Threshing groundnut by pedal operated groundnut thresher	GD, Field visit, Field day, CD show, Demonstration	02	5	-

### 3.2 Details of FLDs implemented

KVK Name	Type (Crop/Enterprise)	Name of Crop/Enterprise	Category of crops*	Category of Enterprise**	Season and year	Thematic area	Area (ha) in case of crop	No. of Units, in case of Enterprise	Size of Unit in case of Enterprise	No. of farmers				
										SC	ST	OBC	Others	Total
Jagatsinghpur	Crop	Rice	Cereal	-	Kharif 11-12	Varietal Evaluation	2.0	-	-	0	0	16	0	16
Jagatsinghpur	Crop	Rice	Cereal	-	Kharif 11-12	Varietal Evaluation	2.0	-	-	0	0	10	0	10
Jagatsinghpur	Crop	Rice	Cereal	-	Kharif 11-12	Varietal Evaluation	4.0	-	-	0	0	12	01	13
Jagatsinghpur	Crop	Rice	Cereal	-	Rabi 11-12	Varietal Evaluation	2.0	-	-	0	0	08	0	08
Jagatsinghpur	Crop	Okra	Vegetable	-	Kharif 11-12	Varietal introduction	0.5	-	-	1	0	3	1	5
Jagatsinghpur	Crop	Cauliflower	Vegetable	-	Rabi 11-12	INM	1.0			0	0	3	7	10
Jagatsinghpur	Crop	Cabbage	Vegetable	-	Rabi 11-12	INM	1.0			0	0	3	7	10
Jagatsinghpur	Crop	Bitter gourd	Vegetable	-	Summer 2012	Varietal evaluation	0.5			0	0	5	0	5
Jagatsinghpur	Crop	Fish		Fish	Kharif,2010	Varietal substitution		08				01	07	08
Jagatsinghpur	Crop	Fish		Fish	Kharif,2011	Nutrition Management		06					06	06
Jagatsinghpur	Crop	Fish		Fish	Kharif,2011	Varietal substitution		05					05	05
Jagatsinghpur	Crop	Fish		Fish	Kharif,2011	Varietal substitution		08					08	08

Jagatsinghpur	Enterp rise	Mushroom	Mushroom	Mushroom	Kharif, 2011	Mushroom		400 beds	20	7		3	10	20
Jagatsinghpur	Enterp rise	Rearing of colour bird	Poultry	Poultry	Rabi, 2011	Varietal evaluation		300 nos.	10	3			7	10
Jagatsinghpur	Enterp rise	Oyster mushroom cultivation	Mushroom	Mushroom	Rabi, 2011	Mushroom		400 beds	20	8		2	10	20
Jagatsinghpur	Crop	Raising of nutritional garden	Vegetables	Green leafy vegetables	Rabi, 2011	Nutritional security	0.2			3	1	1	5	10

\* Cereal/Oilseed/Pulse/Vegetable/Fruit/Flower/Spice/Medicinal&Aromatic/Fibre/Plantation/Fodder/

\*\* Farm Implements/ Livestock Enterprises (Dairy/Buffalo/Goatery/Poultry etc.)/Mushroom/Apiary/Sericulture/Vermi-composting/Lac production etc.

### 3.3 Details of farming situation

KVK Name	Name of Crop/ Enterprise	Farming situation (Rainfed/Irrigated)	Soil type	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping system	Previous crops	Status of soil (kg/ha)			Sowing Time	Harvest date	Seasonal rainfall (mm)	No. of rainy days	Status of the FLD (Completed/ Continued/ Result awaited)
							N	P	K					
Jagatsinghpur	Rice	Irrigated	Clay loam	Mid land	Rice – greengram	Greengram	Med	Med	Med	June IV week	5.12.2011	1246	36	Completed
Jagatsinghpur	Rice	Irrigated	Clay loam	Low land	Rice – greengram	Greengram	Med	Med	Med	June III week	9.12.2011	1267	38	Completed
Jagatsinghpur	Rice	Irrigated	Clay loam	Mid land	Rice – greengram	Greengram	Med	Med	Med	June IV week	8.12.2011	1241	34	Completed
Jagatsinghpur	Rice	Irrigated	Clay loam	Mid land	Rice – Rice	Rice	Med	Med	Med	1 <sup>st</sup> week Jan 2012	10.05.2012	82	2	Completed
Jagatsinghpur	Okra	Rainfed	Sandy loam	Up land	Vegetable - vegetable	Vegetable	Med	Med	Med	June II week	Sept. IV week	1392	49	Completed
Jagatsinghpur	Cauliflower	Irrigated	Sandy loam	Mid land	Fallow – cauliflower	Fallow	Med	Med	Med	Oct. II week	Jan. II week	-	-	Completed
Jagatsinghpur	Cabbage	Irrigated	Sandy loam	Mid land	Fallow – cabbage	Fallow	Med	Med	Med	Nov. II week	Feb II week	-	-	Completed
Jagatsinghpur	Bitter gourd	Irrigated	Clay loam	Mid land	Paddy – bitter gourd	Paddy	Med	Med	Med	Jan. I week	April IV week	180	2	Completed
Jagatsinghpur	Fish	Rain fed	Clay loam	Low land	Pond based	Fish	Avg.	Avg.	Avg.	Sept. I week	April IV week			Completed
Jagatsinghpur	Fish	Rain fed	Clay loam	Low land	Pond based	Fish	Avg.	Avg.	Avg.	July IV week	August II week			Completed
Jagatsinghpur	Fish	Rain fed	Clay loam	Low land	Pond based	Fish	Avg.	Avg.	Avg.	Sept. I week	March IV week			Completed



Jagatsinghpur	Fish	Rain fed	Clay loam	Low land	Pond based	Fish	Avg.	Avg.	Avg.	Sept. I week	March IV week			Completed
Jagatsinghpur	Paddy straw Mushroom	Rainfed		Home stead based						July 1 <sup>st</sup> week	July last week		21	Completed
Jagatsinghpur	Colour bird	Rainfed		Home stead based	Desi bird					Dec last week				Continuing
Jagatsinghpur	Oyster Mushroom	Rainfed		Home stead based						Jan 1 <sup>st</sup> week	Jan last week			Completed
Jagatsinghpur	Nutritional garden	Rainfed	Clay loam	Backyard	Kosala saga	Avg.	Avg.	Avg.		Dec last week	Jan last week			Continuing

### 3.4 Details of Technology demonstrated

KVK Name	Name of Crop/ Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
Jagatsinghpur	Rice	Low yield due to use of old variety	Swarna	Rice variety Ranidhan	Duration 145 days, tolerant to stem borer, BLB and blast, avg yield 5 t/ha	OUAT, 2009	Varietal Evaluation	Ranidhan	Duration 145 days, tolerant to stem borer, BLB and blast, avg yield 5 t/ha	OUAT, 2009	Yes
Jagatsinghpur	Rice	Low yield due to submergence	Swarna	Rice var. Swarna Sub-1	Swarna Sub-1 contains submergence tolerant FR-13-A gene which enables it to withstand submergence for 2 weeks	CRRI, 2009	Varietal Evaluation	Swarna Sub-1	Swarna Sub-1 contains submergence tolerant FR-13-A gene which enables it to withstand submergence for 2 weeks	CRRI, 2009	Yes
Jagatsinghpur	Rice	Low yield due to high weed infestation	One hand weeding at 30-35 DAT	Rice herbicide Pretilachlor	Pre-emergence application, effective for transplanted rice	OUAT, 2005	Weed management	Swarna	Duration 145 days, Avg. yield 4.5 – 5.0 t/ha		Yes
Jagatsinghpur	Rice	Low yield from existing paddy variety	Rice var. Khandagiri	Hybrid rice var. Ajay	Duration 130 days, medium slender grain, Avg yield 7.5 t/ha	CRRI, 2005	Varietal evaluation	Hybrid rice var. Ajay	Duration 130 days, medium slender grain, Avg yield 7.5 t/ha	CRRI, 2005	Yes

KVK Name	Name of Crop/ Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
Jagatsinghpur	Okra	Low yield due to local YMV susceptible variety	Utkal gourav	Introduction of YMV resistant okra var. Varsha Upahar	YMV resistant var. Varsha Upahar	IIHR, 2005	Varietal Evaluation	Varsha Upahar	Resistant to YMV, average yield 155 q/ha early flowering, plant height 100 cm fruiting start from 5-6 <sup>th</sup> node	IIHR, 2005	Yes
Jagatsinghpur	Cauliflower	Low yield due to imbalance use of fertilizer	Low dose of NPK (100:40:40 kg/ha), no foliar spray of NPK	Foliar spray of polyfeed NPK (19:19:19) in cauliflower	3 foliar spray of poly feed NPK (19:19:19) @ 5 g/lit at 10 days interval starting from 2-3 leaf stage	OUAT, 2004	INM	Early Synthetic	Early variety, harvested at 60 days, small size curds, average yield 206 q/ha	IARI,2004	Yes
Jagatsinghpur	Cabbage	Low yield / less wt of head due no use of micro nutrient	Low dose NPK (120:40:40 kg/ha), no foliar spray of zinc sulphate	Foliar spray of zinc sulphate in cabbage	3 foliar spray of zinc sulphate @0.25 g/lit at 10 days interval starting for 2-3 leaf stage	OUAT, 2004	INM	Drumhead	Early variety, harvested at 75 days, small size heads, average yield 301 q/ha	IARI, 2004	Yes
Jagatsinghpur	Bitter gourd	Low yield due to use of traditional variety	Use of traditional var. Nakhara	Introduction of bitter gourd HYV coimbatore long	Released from TNAU, coimbatore 2005, fruits are dark green, 12-14 cm long avg. yield 168 q/ha	TNAU, 2005	Varietal evaluation	Coimbatore long	Released from TNAU, coimbatore 2005, fruits are dark green, 12-14 cm long avg. yield 168 q/ha	TNAU, 2005	Yes
Jagatsinghpur	Fish	Low yield due to the culture of IMC only	Stocking of fingerlings of IMC (4500/ha) + Grass carp(500 /ha)	Composite fish farming	Stocking of fingerlings of IMC(4000/ha) + <i>Labeo fimbriatus</i> (500/ha) +Grass carp(500 /ha)	CIFA,2007	Varietal evaluation	Rohu,catla, mrigal,grass carp, <i>Labeo fimbriatus</i>	Rohu is a column feeder,catla is a surface feeder,mrigal is a bottom feeder,fimbriatus is mainly a column feeder and grass carp is a surface feeder		Yes
Jagatsinghpur	Fish	Less fry production due to high spawn mortality	Application of GNOC and Rice bran as feed for spawn	Rearing of spawn	Application of GNOC, Rice bran & Cobalt chloride (0.01mg /spawn/day) as feed for spawn	CIFRI,1997	Nutrition management	Cobalt chloride	Reduces mortality and increases plankton production		Yes

KVK Name	Name of Crop/ Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
Jagatsinghpur	Fish	Unused waterbody as gadia/chua/weed choked water logged area	-	Desi magur culture	Stocking of fingerlings of desi magur	CIFA,1998	Production and management	Desi magur	Air breathing fish can survive in unused water body		-
Jagatsinghpur	Fish	Low yield due to the culture of IMC only	Stocking of fingerlings of IMC (4500/ha) + Grass carp(500 /ha)	Composite fish farming	Stocking of fingerlings of IMC(4000/ha) + <i>Puntius gonionotus</i> (500/ha) +Grass carp(500 /ha)	CIFA,2006	Varietal evaluation	Rohu,catla, mrigal,grass carp, <i>Puntius gonionotus</i>	Rohu is a column feeder,catla is a surface feeder,mrigal is a bottom feeder,gonionotus is mainly a surface feeder and grass carp is a surface feeder		Yes
Jagatsinghpur	Paddy straw Mushroom	Wastage of paddy straw		Paddy straw mushroom cultivation (v.volvacea)	Sterilization of straw with CaCO <sub>3</sub> bed preparation with gram flour	CTMRT, OUAT, 2002	Mushroom	Volvariella Volvacea	Duration 21 days, yield 1.5 kg / bed		
Jagatsinghpur	Rearing of colour bird	Low income from desi bird, high morbidity	Desi bird	Banaraja rearing at backyard for dual purpose	Vaccination, application of multi vitamins, enrichment of feed and worm management	CPDO, 2003	Varietal evaluation	Banaraja	2 kg at 50 days, 140-180 eggs / year, days of sexual maturity 6 months		
Jagatsinghpur	Oyster Mushroom	Wastage of paddy straw		Oyster mushroom cultivation (P.sajarcaju)	Sterilization of straw with boiling water, bed preparation with whole wheat	CTMRT, OUAT, 2002	Mushroom	P. Sajarcaju	Duration 21 days, yield 1.9 kg / bed		
Jagatsinghpur	Nutritional garden	Improper planning of backyard, unavailability of vegetables through out year, malnutrition	Green leafy vegetable with irregular planting during kharif season only	Green leafy vegetable	Proper planning & layout of backyard with perinal fruits like i.e. papaya & crop rotation with seasonal GLV	OUAT, 1998	Nutritional security	High yielding variety	Dwarf variety of papaya with short duration GLV	OUAT, 1998	

### 3.5 Performance of FLD

#### A. Production

KVK Name	Name of Crop/Enterprise	Thematic Area	Variety	No. of Farmers	Area (ha)	Production (q/ha)				Increase in yield (%)
						Demonstration			Local Check	
						Maxi	Min	Average		
1	2	3	4	5	6	7	8	9	10	11
Jagatsinghpur	Rice	Varietal Evaluation	Ranidhan	16	2.0	57.3	55.2	56.0	47.4	18.1
Jagatsinghpur	Rice	Varietal Evaluation	Swarna Sub-1	10	2.0	51.5	49.8	50.8	47.4	7.2
Jagatsinghpur	Rice	Weed management	Swarna	13	4.0	49.0	48.1	48.4	46.4	4.3
Jagatsinghpur	Rice	Varietal evaluation	Ajay	08	2.0	55.6	51.9	53.1	44.7	
Jagatsinghpur	Okra	Varietal Evaluation	Varsha Upahar	05	0.5	152.4	141.7	146.8	116.4	26.1
Jagatsinghpur	Cauliflower	INM	Tusar	10	1.0	200.6	194.4	196.2	168.8	16.23
Jagatsinghpur	Cabbage	INM	Pragati	10	1.0	336.6	321.2	328.6	285.5	15.06
Jagatsinghpur	Bitter gourd	Varietal Evaluation	Coimbatore long	5	0.5	173.2	161.4	166.8	132.1	26.26
Jagatsinghpur	Fish	Varietal substitution	<i>Labeo fimbriatus</i>	08	1.6	39.7	39.0	39.3	30.2	30.1
Jagatsinghpur	Fish	Nutrition management	Cobalt chloride	06	0.45	2100000	1700000	1900000	1500000	26.7
Jagatsinghpur	Fish	Production and Management	Desi magur	05	0.4	26	21	24	-	
Jagatsinghpur	Fish	Varietal substitution	<i>Puntius gonionotus</i>	08	1.5	39.8	39.1	39.5	30.2	30.8
Jagatsinghpur	Paddy straw Mushroom	Mushroom	<i>Volvariella volvacea</i>	20	400	1.9	1.3	1.23	0.85	47.06
Jagatsinghpur	Rearing of colour bird	Varietal evaluation	Banaraja	10	300	1.9	1.5	1.52	1.14	33.3
Jagatsinghpur	Oyster Mushroom	Mushroom	<i>P. sajarcaju</i>	20	400	2.3	1.8	1.62	1.11	45.94
Jagatsinghpur	Nutritional garden	Nutritional security	High yielding variety	10	0.2	352	290	352	250	35

#### B. Other Parameters (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated			
		Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check
		12	13	14	15	16	17	18	19	20	21	22	23
Jagatsinghpur	Rice	No of tillers	No / hill	18	13	No of grains	No / panicle	185	156				
Jagatsinghpur	Rice	No of tillers	No / hill	16	13	No of grains	No / panicle	166	156				

Jagatsinghpur	Rice	No of tillers	No / hill	14	11	No of grains	No / panicle	155	146	Weed count at Harvest	No / mt sqr	3	7
Jagatsinghpur	Rice	No. of tillers	No. / hill	27	18	No of grains	No/ panicle	216	142	Panicle length	cm	21.4	16.9
Jagatsinghpur	Okra	Infestation	%	1.31	46								
Jagatsinghpur	Cauliflower	Curd wt.	kg	1.2	0.9								
Jagatsinghpur	Cabbage	Head wt.	Kg	1.6	1.2								
Jagatsinghpur	Bitter gourd	Wt. of fruit	g	52	44								
Jagatsinghpur	Fish	Wt.of rohu	kg	1.2	0.65								
Jagatsinghpur	Fish	Survivability	%	38	29								
Jagatsinghpur	Fish	Wt. of magur	Kg	0.3	-								
Jagatsinghpur	Fish	Wt. of rohu	Kg	1.1	0.7								
Jagatsinghpur	Paddy straw Mushroom	Wt. of mushroom	Kg / bed	1.23	0.85								
Jagatsinghpur	Rearing of colour bird	Body wt.	Kg / bird	1.52	1.14								
Jagatsinghpur	Oyster Mushroom	Wt. of mushroom	Kg / bed	1.52	1.14								
Jagatsinghpur	Nutritional garden	yield	q/ ha	352	250								

### C. Economic Impact (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
		Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check
		24	25	26	27	28	29	30	31
Jagatsinghpur	Rice	33282	31724	61600	52140	28318	20416	1.85	1.64
Jagatsinghpur	Rice	32532	31724	55800	52140	23348	20416	1.72	1.64
Jagatsinghpur	Rice	31424	30374	53240	51040	22866	19616	1.75	1.62
Jagatsinghpur	Rice	34657	30319	57348	46935	22691	16616	1.65	1.55
Jagatsinghpur	Okra	49600	46200	117440	93120	67840	46920	2.36	2.01

Jagatsinghpur	Cauliflower	62600	59800	196200	168800	133600	109000	3.13	2.82
Jagatsinghpur	Cabbage	60800	58200	197160	171300	136360	113100	3.24	2.94
Jagatsinghpur	Bitter gourd	61600	58200	166800	132100	105200	73900	2.74	2.26
Jagatsinghpur	Fish	152000	145000	314400	241600	164400	96600	2.1	1.7
Jagatsinghpur	Fish	78000	76500	237500	187500	159500	111000	3.0	2.4
Jagatsinghpur	Fish	160000		240000		80000			1.5
Jagatsinghpur	Fish	153000	140000	316000	241600	163000	101600	2.1	1.7
Jagatsinghpur	Paddy straw Mushroom	40		140		75		2.4	
Jagatsinghpur	Rearing of colour bird	50	25	190	165	140	50	2.4	1.4
Jagatsinghpur	Oyster Mushroom	30		100		70		3.33	
Jagatsinghpur	Nutritional garden	340	200	480	320	140	120	1.75	1.5

### 3.6 Analytical Review of component demonstrations

KVK Name	Crop	Season	Type of Demo (Full Package/Component)	Components provided by KVK	Components provided by Farmers	Farming situation	Average yield under demonstration(q/ha)	Average yield under Local check (q/ha)	Percentage increase in productivity over local check
Jagatsinghpur	Rice	Kharif, 2011	Component	Seed, fertilizer & Pesticide	FYM & Pesticides	Irrigated	56.0	47.4	18.1
Jagatsinghpur	Rice	Kharif, 2011	Component	Seed, fertilizer & Pesticide	FYM & Pesticides	Irrigated	50.8	47.4	7.2
Jagatsinghpur	Rice	Kharif, 2011	Component	Herbicide	Seed, FYM, fertilizer & Pesticides	Irrigated	48.4	46.4	4.3
Jagatsinghpur	Rice	Rabi 2011-12	Component	Seed, Fertilizer, Pesticide	FYM, Fertilizer, Pesticide	Irrigated	53.1	44.7	18.8
Jagatsinghpur	Okra	Kharif, 2011	Component	Seed	FYM, Fertilizer & Pesticides	Irrigated	146.8	116.4	26.11
Jagatsinghpur	Cauliflower	Rabi, 2011-12	Component	Poly feed NPK (19:19:19)	Seed, fertilizers, pesticides	Irrigated	196.2	168.8	16.23
Jagatsinghpur	Cabbage	Rabi, 2011-12	Component	Zinc sulphate	Seed, fertilizers, pesticides	Irrigated	328.6	285.5	15.09
Jagatsinghpur	Bitter gourd	Summer, 2012	Component	Seed	FYM, Fertilizer and Pesticide	Irrigated	166.8	132.1	26.26
Jagatsinghpur	Fish	Kharif, 2010	Component	Fingerlings, feed	Fingerlings, feed, fertilizer	Rain fed	39.3	30.2	30.1
Jagatsinghpur	Fish	Kharif, 2011	Component	Spawn, chemical	Spawn, fertilizer	Rainfed	19 lakh	15 lakh	26.7

Jagatsinghpur	Fish	Kharif, 2011	Component	Fingerlings, feed	Fingerlings, feed, fertilizer	Rain fed	24		
Jagatsinghpur	Fish	Kharif, 2011	Component	Fingerlings, feed	Fingerlings, feed, fertilizer	Rain fed	39.5	30.2	30.8
Jagatsinghpur	Paddy straw Mushroom	Kharif, 2011	Component	Spawn, Gram flour	Paddy straw, CaCO <sub>3</sub>	Rainfed	1.8		
Jagatsinghpur	Rearing of colour bird	Rabi, 2011	Component	Chicks, vaccine, medicine and feed for 15 days	Feed after 15 days	Rainfed	1.5	1.2	9
Jagatsinghpur	Oyster Mushroom	Rabi, 2011	Component	Spawn	Straw, whole wheat	Rainfed	2.3		
Jagatsinghpur	Nutritional garden	Rabi, 2011	Component	HYV seed	Fertilizer, compost	Rainfed	352	250	35

### 3.7 Technical Feedback on the demonstrated technologies

KVK Name	Crop	Demonstrated Technology	Village	Block Name	Feed Back
Jagatsinghpur	Rice	Seed	Sanimula	Tirtol	Ranidhan is a high yielder with tolerants to stem borer BLB and blast
Jagatsinghpur	Rice	Seed	Sanimula	Tirtol	Swarna Sub-1 is a high yielder and can with stand water logging
Jagatsinghpur	Rice	Herbicide	Kantapada	Kujanga	Pretilachlor is a good herbicide and its application can reduce labour cost in weeding, herbicide should locally available, there is saving of Rs.3250/ ha towards cost of weeding
Jagatsinghpur	Rice	Seed	Kanaguli	Ersama	Hybrid rice var. Ajay is a high yielder with profuse tillering.
Jagatsinghpur	Okra	Seed	Kiranti	Tirtol	Farmers are very much satisfied with the performance of “Varsha Upahar”, It is resistant to YMV
Jagatsinghpur	Cauliflower	Poly feed NPK (19:19:19)	Haripur	Kujanga	Farmers are very much satisfied with the performance of the technology. It is very easy and low cost technology.
Jagatsinghpur	Cabbage	Zinc sulphate	Haripur	Kujanga	Farmers are very much satisfied with the performance of the technology. It is very easy and low cost technology.
Jagatsinghpur	Bitter gourd	Seed	Gamhapur	Raghunathpur	Farmers are very much satisfied with the performance of “Coimbatore long”, Long fruits with heavy bearing and yield.
Jagatsinghpur	Fish	Stocking of fingerlings of <i>Labeo fimbriatus</i> in composite fish farming	Bartira,Sanimula,Kantapada	Raghunathpur,Tirtol,Kujanga	Growth of fimbriatus is at par with rohu.It has good demand in the market.It does not hamper in the feeding behavior of other fishes.All the farmers appreciated the growth of fish.Use of bag feeding is better than the broadcasting .
Jagatsinghpur	Fish	Use of cobalt chloride in the feed of spawn of IMC	Bartira,Tulanga,Hazipur,Govindapur	Raghunathpur,Tirtol,Ersama	Better feed combination for survivability of spawn.Cost of chemical is less.In monsoon season at least two crops can be raised.Highly profitable practice,
Jagatsinghpur	Fish	Stocking of fingerlings of desi magur	Kantapada	Kujanga	Fingerlings of desi magur is not available locally. It is a profitable practice for small pond / gadia

Jagatsinghpur	Fish	Stocking of fingerlings of <i>Puntius gonionotus</i>	Tulanga, Govindpur, Narsinghpur	Tirtol	Growth of gonionotus is at par with rohu. It has good demand in the market. It does not hamper in the feeding behavior of other fishes. All the farmers appreciated the growth of fish. Use of bag feeding is better than the broadcasting .
Jagatsinghpur	Mushroom	Spawn, Gram flour	Kantapada	Kujanga	Farmer are very much satisfied for easy cultivation
Jagatsinghpur	colour bird	Chicks, vaccine, medicine and feed for 15 days	Sanimula	Tirtol	Farmers appreciated the growth of bird and more income
Jagatsinghpur	Oyster Mushroom	Spawn	Pubapada	Tirtol	Oyster mushroom praised by farmers for more return and more yield
Jagatsinghpur	Nutritional garden	HYV seed	Bartira	Raghunathpur	Satisfied for family nutritional supplement and additional income from selling

### 3.8 Farmers' reactions on specific technologies

KVK Name	Crop	Demonstrated Technology	Farmers' Name	Feed Back
Jagatsinghpur	Rice	Seed	Ranjan Ku. Nayak	Ranidhan is a high yielder and tolerant stem borer BLB and blast
Jagatsinghpur	Rice	Seed	Prasanna Parida	Swarna Sub-1 is a good yielder and it can substitute Swarna variety particularly in water sub emergence areas
Jagatsinghpur	Rice	Herbicides	Akhay Biswal	There is labour saving towards cost of weeding but herbicide should be locally available
Jagatsinghpur	Rice	Seed	Dhirendra Kumar Pal	The hybrid var. Ajay is a high tillering variety but it is susceptible to stem bober
Jagatsinghpur	Okra	Seed	Bijay Kumar Lenka	It is resistant to YMV
Jagatsinghpur	Cauliflower	Poly feed NPK (19:19:19)	Bhabina Das	It produced bright white and heavy wt. curd
Jagatsinghpur	Cabbage	Zinc sulphate	Natabar Sahoo	It produced compact and heavy wt. head
Jagatsinghpur	Bitter gourd	Seed	Duryadhan Behera	The variety has profuse bearing habit.
Jagatsinghpur	Fish	Stocking of fingerlings of <i>Labeo fimbriatus</i> in composite fish farming	Ananta Swain	Growth of fimbriatus is at par with rohu. It has good demand in the market
Jagatsinghpur	Fish	Use of cobalt chloride in the feed of spawn of IMC	Sourav Biswal	Better feed combination for survivability of spawn.
Jagatsinghpur	Fish	Stocking of fingerlings of desi magur	Nirmal Nayak	Fingerlings of desi magur is not available locally
Jagatsinghpur	Fish	Stocking of fingerlings of <i>Puntius gonionotus</i>	Pitambar Das	Fingerlings of gonionotus is not available locally
Jagatsinghpur	Mushroom	Spawn, Gram flour	Saudamin Sahoo	Easy cultivation
Jagatsinghpur	colour bird	Chicks, vaccine, medicine and feed for 15 days	Basanta Manjari Sahoo	More profit than desi bird and less morbidity
Jagatsinghpur	Oyster Mushroom	Spawn	Subhadra Kanungo	Good for value addition
Jagatsinghpur	Nutritional garden	HYV seed	Mamata Swain	Happy for nutritional supplement in family fooding



### 3.9 Extension and Training activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jagatsinghpur	Rice	Field days	1	20	
Jagatsinghpur	Rice	Farmers Training	1	20	
Jagatsinghpur	Rice	Media coverage	-		
Jagatsinghpur	Rice	Training for extension functionaries	-		
Jagatsinghpur	Rice	Field days	1	20	
Jagatsinghpur	Rice	Farmers Training	1	20	
Jagatsinghpur	Rice	Media coverage	-		
Jagatsinghpur	Rice	Training for extension functionaries	-		
Jagatsinghpur	Rice	Field days	1	20	
Jagatsinghpur	Rice	Farmers Training	1	20	
Jagatsinghpur	Rice	Media coverage	-		
Jagatsinghpur	Rice	Training for extension functionaries	-		
Jagatsinghpur	Rice	Field days	1	20	
Jagatsinghpur	Rice	Farmers Training	1	20	
Jagatsinghpur	Rice	Media coverage	-		
Jagatsinghpur	Rice	Training for extension functionaries	-		
Jagatsinghpur	Okra	Field days	1	22	
Jagatsinghpur	Okra	Farmers Training	1	20	
Jagatsinghpur	Okra	Media coverage	1		
Jagatsinghpur	Okra	Training for extension functionaries			
Jagatsinghpur	Cauliflower	Field days	1	40	
Jagatsinghpur	Cauliflower	Farmers Training	1	20	
Jagatsinghpur	Cauliflower	Media coverage	1		
Jagatsinghpur	Cauliflower	Training for extension functionaries			
Jagatsinghpur	Cabbage	Field days	1	40	
Jagatsinghpur	Cabbage	Farmers Training	1	20	
Jagatsinghpur	Cabbage	Media coverage	1		
Jagatsinghpur	Cabbage	Training for extension functionaries			
Jagatsinghpur	Bitter gourd	Field days	1	40	
Jagatsinghpur	Bitter gourd	Farmers Training	1	20	
Jagatsinghpur	Bitter gourd	Media coverage	1		
Jagatsinghpur	Bitter gourd	Training for extension functionaries			
Jagatsinghpur	Fish	Field days	1		20
Jagatsinghpur	Fish	Farmers Training	4	80	-
Jagatsinghpur	Fish	Media coverage	1	-	-
Jagatsinghpur	Fish	Training for extension functionaries	-	-	-
Jagatsinghpur	Fish	Field days	1	20	-

Jagatsinghpur	Fish	Farmers Training	1	30	-
Jagatsinghpur	Fish	Media coverage	1	-	-
Jagatsinghpur	Fish	Training for extension functionaries			-
Jagatsinghpur	Fish	Field days			
Jagatsinghpur	Fish	Farmers Training	2	40	
Jagatsinghpur	Fish	Media coverage			
Jagatsinghpur	Fish	Training for extension functionaries			
Jagatsinghpur	Fish	Field days			
Jagatsinghpur	Fish	Farmers Training	3	60	
Jagatsinghpur	Fish	Media coverage			
Jagatsinghpur	Fish	Training for extension functionaries			
Jagatsinghpur	Mushroom	Field days	1	40	
Jagatsinghpur	Mushroom	Farmers Training	2	40	
Jagatsinghpur	Mushroom	Media coverage	1		
Jagatsinghpur	Mushroom	Training for extension functionaries	1	10	
Jagatsinghpur	colour bird	Field days			
Jagatsinghpur	colour bird	Farmers Training	1	20	
Jagatsinghpur	colour bird	Media coverage			
Jagatsinghpur	colour bird	Training for extension functionaries	1	10	
Jagatsinghpur	Oyster Mushroom	Field days	1	40	
Jagatsinghpur	Oyster Mushroom	Farmers Training	1	20	
Jagatsinghpur	Oyster Mushroom	Media coverage	1		
Jagatsinghpur	Oyster Mushroom	Training for extension functionaries	1	10	
Jagatsinghpur	Nutritional garden	Field days			
Jagatsinghpur	Nutritional garden	Farmers Training	1	20	
Jagatsinghpur	Nutritional garden	Media coverage			
Jagatsinghpur	Nutritional garden	Training for extension functionaries	1	10	

### 3.10 FLD on Farm implements and machinery

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

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

# FORMAT 2 – STAFF POSITION, TRAININGS, EXTENSION ACTIVITIES

REPORTING PERIOD – April, 2011 to March, 2012

## 1. Staff Position (as on 31 March, 2012)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Jagatsinghpur	Programme Coordinator (I/C)	Sanat Ku. Dwibedi	Agronomy	M.Sc. (Ag.)	Agronomy	15600-39100	19810	28.10.2012	Temporary	Others
Jagatsinghpur	Subject Matter Specialist1	Saswati Pattanaik	Home Science	MA	Home Science	15600-39100	19810	09.09.11	Temporary	Others
Jagatsinghpur	Subject Matter Specialist2	Ashis Ku. Mohanty	Horticulture	M. Sc. (Ag.)	Horticulture	15600-39100	19810	22.09.2009	Temporary	Others
Jagatsinghpur	Subject Matter Specialist3	Hemanta Kumar Sahoo	Agronomy	M.Sc.(Ag.)	Agronomy	15600-39100	25040	07.06.11	Permanent	Others
Jagatsinghpur	Subject Matter Specialist4									
Jagatsinghpur	Subject Matter Specialist5									
Jagatsinghpur	Subject Matter Specialist6								Temporary	Others
Jagatsinghpur	Programme Assistant	Siba Prasad Mishra	Agriculture	B.Sc. (Ag.)	-	9300-34800	12550	01.07.05	Temporary	Others
Jagatsinghpur	Farm Manager	Susanta Ku. Dash	Entomology	M.Sc.(Ag.)	Entomology	9300-34800	9300	20.09.11	Temporary	Others
Jagatsinghpur	Computer Programmer	Gangadhar Moharana	-	B.A., PGDCA	-	9300-34800	11470	10.07.09	Temporary	Others
Jagatsinghpur	Accountant / superintendent	Ratnakar Das	-	B.A.	-	9300-34800	14170	-	Permanent	Others
Jagatsinghpur	Stenographer	Babuli Sahoo	-	B.Sc	-	5200 + 2400 GP	5920	03.07.07	Temporary	Others
Jagatsinghpur	Driver	Manoj Kumar Sahoo	-	9 <sup>th</sup> class	-	5200+1900 GP	5870	30.07.07	Temporary	Others
Jagatsinghpur	Driver	Pradipta Kumar Barik	-	9 <sup>th</sup> class	-	5200+ 1900 GP	5870	04.08.08	Temporary	Others
Jagatsinghpur	Supporting staff	Kashinath Bihari	-	9 <sup>th</sup> class	-	4400+ 1300 GP	4800	19.12.07	Temporary	Others
Jagatsinghpur	Supporting staff	Urbasi Nayak	-	5 <sup>th</sup> Class	-	4400+ 1300 GP	4800	22.12.07	Temporary	Others

## 2. 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	Farmers and Farm Women	PRA-Lack of knowledge on different varieties of paddy suitable to different farming situations. The training programme was organized to make them aware of different newly released HYVs and Hybrids befitting to their respective situations.	Radhanga	24
Jagatsinghpur	Farmers and Farm Women	During Field visit it was observed that the farmers adopting faulty nursery management practices because of which the seedling vigour is not good and the stand establishment was also poor. According this training programme on nursery management was conducted.	Baratira	22
Jagatsinghpur	Farmers and Farm Women	During PRA and field visit to the village it was observed that the farmers have been cultivating Swarna and Pratikshya in mid land. However the yield was low due to lower yield potential of such varieties. So a training programme was conducted to make them able to cultivate the paddy hybrids like Ajay, Rajalaxmi NK-Sahidri, etc.	Sanimula	28
Jagatsinghpur	Farmers and Farm Women	During PRA and field visit it was observed that the farmers are managing scented roice like Dhusura, Ketakijuha, Kalajeera, Krishnabhog like other HYVs because of which the crop is lodging in subsequent stage and the yield is declining. So a training programme was arranged on package and practices of scented rice.	Radhanga	25
Jagatsinghpur	Farmers and Farm Women	From discussion and PRA it was clear that the farmers were not aware of the INM practices and schedule of fertilizer application in lowland situation. So a training programme was arranged to educate them on INM management.	Sanimula	25
Jagatsinghpur	Farmers and Farm Women	Group discussion and personal contacts showed their lack of awareness and knowledge on the INM paddy- green gram or black gram cropping system.	Sanimula	35
Jagatsinghpur	Farmers and Farm Women	From PRA it was found out that the farmers are using chemical fertilizers haphazardly which leads to low yield in sunflower. So a training programme was arranged.	Sanimula	28
Jagatsinghpur	Rural Youth	Group discussion-Lack of knowledge on intercropping systems in unbunded uplands	Kantapada	28
Jagatsinghpur	Farmers and Farm Women	Field visit - Lack of knowledge weedicides in paddy.	Sanimula	23
Jagatsinghpur	Farmers and Farm Women	Group meeting - Lack of knowledge on INM in Ground nut as a result of which there is yield loss.	Baratira	25
Jagatsinghpur	Rural Youth	Field visit - Lack of knowledge efficient use of byproducts of paddy crop. The resource recycling in paddy crop was taught to them through training programme.	Kantapada	25
Jagatsinghpur	Farmers and Farm Women	Group discussion to increase the production of cruciferous vegetables farmers interested for training	Hajipur	26
Jagatsinghpur	Farmers and Farm Women	PRA – the villagers of Nimakana showed interest for raising nursery to cater to the need of growing vegetables in large patches, hence need training	Nimakana	38
Jagatsinghpur	Farmers and Farm Women	Survey work - seeing the interest in lemon cultivation	Hajipur	24
Jagatsinghpur	Farmers and Farm Women	Group discussion – Low yield in chilly cultivation	Haripur	28
Jagatsinghpur	Farmers and Farm Women	Group discussion – to increase the production & productivity of cruciferous vegetables	Bachhapur	22
Jagatsinghpur	Farmers and Farm Women	Exploratory survey – Farmers concern over getting low yield from local plants and hence interested for training on improved varieties and methods	Haripur	26
Jagatsinghpur	Farmers and Farm Women	Field visit & group discussion – to increase the productivity of vegetables in low yielding plots	Kipadihi	22
Jagatsinghpur	Farmers and Farm Women	Group discussion – seeing the interest of farmers and also market demand	Majurai	21
Jagatsinghpur	Rural Youth	Exposure visit of farmers to orchard site, farmers showed interest to be trained on the said technology	Haripur	18

Jagatsinghpur	Rural Youth	PRA – Seeing the low price of coconut and to get more income from it	Bartira	18
Jagatsinghpur	Farmers and Farm Women	Diagnostic field visit - To get higher production from old orchard with process of orchard management, farmers came forward for training	Bartira	22
Jagatsinghpur	Extension functionaries	Group discussion – seeing the demonstration about INM of horticultural crops the extension functionaries interested for training on INM	Tirtol	10
Jagatsinghpur	Rural Youth	Group discussion – Seeing the higher income, employment and interest of rural youths about the cropping system	Bartira	15
Jagatsinghpur	Farmers and Farm Women	GD – farmers discussed regarding pest infestation, mite attack and nut fall and hence interested for a training	Hajipur	22
Jagatsinghpur	Farmers and Farm Women	Exploratory survey – Severe thrips infestation and wilt in chilli for which field visit & hence farmers ask for training	Hajipur	22
Jagatsinghpur	Farmers and Farm Women	PRA- farmers expressed that in cucurbitaceous crops like cucumber and bitter melon leaf blight and downy mildew which hampers the yield so that the training is taken up	Nimakana	24
Jagatsinghpur	Farmers and Farm Women	PRA – Vegetable growers expressed pest and disease problem in Okra and hence training was taken	Bartira	20
Jagatsinghpur	Farmers and Farm Women	PRA - Farmers & farm women expressed problem of storage and attack of stored grain pest. Hence interest for training programme	Sanimula	20
Jagatsinghpur	Farmers and Farm Women	Farmers & Scientist interaction – due to expensive method with chemical control farmers interest to use indigenous technology for which training on ITK taken	Pubapada	25
Jagatsinghpur	Farmers and Farm Women	PRA –All most all the villagers are pulse growers and expressed their problem of viral attack and pod borer infestation in green gram and black gram	Sanimula	32
Jagatsinghpur	Rural Youth	PRA – The area is having nice flora and growing sunflower and mustard like crop, some youth come forward to take up bee keeping and to gain knowledge through training	Bartira	15
Jagatsinghpur	Farmers and Farm Women	PRA – Information was collected that yield of fish is less due to infestation of disease in fish. So training programme was fished	Bartira	30
Jagatsinghpur	Farmers and Farm Women	Field visit – information was collected that yield of shrimp is less due to disease infestation so training programme was necessary the shell fish diseases and their control	Majurai	30
Jagatsinghpur	Rural Youth	PRA – Seeing the proper use of low cost fish in the preparation of fish and fishery products some rural youth came forward to gain knowledge	Sanimula	10
Jagatsinghpur	Extension Functionaries	GD – observing the information and communication technology in fisheries sector the NGO personnel are interested to know the technology involved in it	Barti	10
Jagatsinghpur	Farmers and Farm Women	Exploratory survey – Realising the profitability of mushroom cultivation as there is abundance of resource (Straw) with them	Hajipur	35
Jagatsinghpur	Farmers and Farm Women	PRA – observing the drudgery of Farm women in different farming operation it was decided to impart training on use of drudgery reduction implements	Sanimula	21
Jagatsinghpur	Farmers and Farm Women	GD & field visit – observing the performance of Vanaraja poultry birds, some SHGs came forward for rearing of poultry birds in backyard space	Sanimula	32
Jagatsinghpur	Rural Youth	GD – As fruits & vegetable are wasted in glut season, the rural ladies decided to learn the process of value addition	Hajipur	23
Jagatsinghpur	Rural Youth	PRA – As the processed products of milk like paneer, Khua could get good return, some rural youth came forward for preparation of value added milk product	Kaudiabari	38
Jagatsinghpur	Rural Youth	GD – As processing of low cost fish increases its shelf life and retains taste and flavour which fetches good return some women decided to learn this skill of value addition to low cost fish	Bhutumunde	23

### 3. TRAINING PROGRAMMES

**Table 3.1.** Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Jagatsinghpur	FW	ONC	CRP	Cropping system	2	2	3	7					33	
Jagatsinghpur	FW	ONC	CRP	Weed management	1	1	1	2					18	
Jagatsinghpur	FW	ONC	CRP	Management of problematic soil	1	1	2	1					18	1
Jagatsinghpur	FW	ONC	CRP	Production of small tools and implements	1	1	2						4	16
Jagatsinghpur	FW	ONC	HOV	Exotic vegetables like broccoli	1	1	2	3					17	
Jagatsinghpur	FW	ONC	HOO	Commercial floriculture	1	1	2	2					18	
Jagatsinghpur	FW	ONC	HOP	Production and management technology	2	2	4	3					37	
Jagatsinghpur	FW	ONC	HOT	Production and management technology	1	1	2	3					17	
Jagatsinghpur	FW	ONC	HOV	INM	2	2	4	2	0	0	0		38	0
Jagatsinghpur	FW	ONC	HOV	ICM	1	1	2	2					18	
Jagatsinghpur	FW	ONC	WOE	Disease Management	1	1	2		3					7
Jagatsinghpur	FW	ONC	WOE	Mushroom production	1	1	2		5		4			11
Jagatsinghpur	FW	ONC	WOE	Drudgery reduction	1	1	2		8		1			11
Jagatsinghpur	FW	ONC	WOE	Improvement of knowledge and skill	2	2	4		10		4			16
Jagatsinghpur	FW	ONC	WOE	Income generation activities for empowerment of rural women	2	2	4		5		1			24
Jagatsinghpur	FW	ONC	WOE	Household food security by kitchen gardening and nutritional garden	1	1	1		6					14
Jagatsinghpur	FW	ONC	PLP	Integrated pest Management	2	2	4	3	2				25	10
Jagatsinghpur	FW	ONC	PLP	Bio-control of pests and disease	2	2	2	5	2				26	7
Jagatsinghpur	FW	ONC	PLP	Production of bio control agents and bio pesticides	1	1	2		3				17	
Jagatsinghpur	FW	ONC	FIS	Integrated fish farming	1	1	2	2					18	
Jagatsinghpur	FW	ONC	FIS	Carp breeding and hatchery management	1	1	2						20	
Jagatsinghpur	FW	ONC	FIS	Composite fish culture	1	1	2	2					18	
Jagatsinghpur	FW	ONC	FIS	Hatchery management and culture of fresh water prawn	1	1	2	2					18	
Jagatsinghpur	FW	ONC	FIS	Magur culture	1	1	2	2					18	
Jagatsinghpur	FW	ONC	FIS	Pangus culture	1	1	2	1					19	
Jagatsinghpur	RY	ONC	RYH	Integrated crop management	1	1	3	1					19	
Jagatsinghpur	RY	ONC	RYH	Production and use of organic inputs	1	1	1	7					13	
Jagatsinghpur	RY	ONC	RYH	Commercial floriculture	1	1	4	1					19	
Jagatsinghpur	RY	ONC	RYH	Nursery management	1	1	3	3					17	
Jagatsinghpur	RY	ONC	RYH	Production and management technology	1	1	3	2					18	
Jagatsinghpur	RY	ONC	RYH	Fry and fingerlings rearing	1	1	2						30	
Jagatsinghpur	RY	ONC	RYH	Income generation activities	1	1	2		8		3			9
Jagatsinghpur	RY	ONC	RYH	Improvement of knowledge and skill	1	1	2		3		2			10
Jagatsinghpur	RY	ONC	RYH	Vermiculture	2	2	6	2	2		3			13

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Jagatsinghpur	IS	ONC	CRP	Cropping system	1	1	1						6	4
Jagatsinghpur	IS	ONC	EXP	Post harvest management of fruit crops	1	1	2	1					9	
Jagatsinghpur	IS	ONC	EXP	Protective cultivation	1	1	2	1					9	
Jagatsinghpur	IS	ONC	EXP	Pen and cage culture	1	1	2						10	
Jagatsinghpur	IS	ONC	WOE	Improvement of knowledge and skill on PRA	1	1	2		2					8
Jagatsinghpur	IS	ONC	EXP	PRA	1	1	2		3					7
Jagatsinghpur	FW	OFC	CRP	INM	6	6	7	9	1				108	2
Jagatsinghpur	FW	OFC	HOV	Integrated disease management	1	1	1	2					18	
Jagatsinghpur	FW	OFC	HOV	Integrated nutrient management	2	2	2	4					36	
Jagatsinghpur	FW	OFC	HOF	Integrated nutrient management	1	1	1	1					19	
Jagatsinghpur	FW	OFC	HOV	Production and management	2	2	2	7					33	
Jagatsinghpur	FW	OFC	HOF	Production and management	1	1	1	2					18	
Jagatsinghpur	FW	OFC	WOE	Income generation activities for empowerment of rural women	2	2	4		9					31
Jagatsinghpur	FW	OFC	WOE	Storage loss minimization	1	1	2		9		2			9
Jagatsinghpur	FW	OFC	WOE	Nutritional security	1	1	1		5		1			14
Jagatsinghpur	FW	OFC	WOE	Mushroom	1	1	2		12		3			5
Jagatsinghpur	FW	OFC	WOE	Animal husbandry	1	1	2		9		1			10
Jagatsinghpur	FW	OFC	WOE	Household food security by kitchen gardening and nutritional garden	1	1	1		3					17
Jagatsinghpur	FW	OFC	FIS	Fish disease management	1	1	1	3					21	6
Jagatsinghpur	FW	OFC	PLP	Integrated pest management	1	1	2	1	1				11	7
Jagatsinghpur	FW	OFC	PLP	Integrated disease management	2	2	2	3	2				26	9
Jagatsinghpur	FW	OFC	FIS	Shrimp farming	1	1	1	2					18	
Jagatsinghpur	FW	OFC	OTH	Pond management & field management	2	2	2	6					34	
Jagatsinghpur	RY	OFC	CRP	ICM	1	1	1						19	1
Jagatsinghpur	RY	OFC	CRP	Drudgery reduction	1	1	1	6					20	
Jagatsinghpur	RY	OFC	RYH	Integrated crop management	1	1	1	1					19	
Jagatsinghpur	RY	OFC	RYH	Ornamental fisheries	1	1	1						15	5
Jagatsinghpur	RY	OFC	RYH	Breeding of desimagur	1	1	1	2					9	9
Jagatsinghpur	RY	OFC	RYH	Rural Craft	1	1	3		2					8
Jagatsinghpur	RY	OFC	WOE	Income generation activities	1	1	3		4		5			1
Jagatsinghpur	RY	OFC	CRP	Cropping system	1	1	1						10	
Jagatsinghpur	IS	OFC	WOE	Income generation activities	1	1	1		1		2			7



**Table 3.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs**

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Jagatsinghpur	Rural craft	Enterprise	Value addition	3	2				8	
Jagatsinghpur	Income generation activities for empowerment of rural women	Enterprise	Income generation	4		9				31
Jagatsinghpur	INM	Crop	INM	4	6				74	
Jagatsinghpur	Vermiculture	Enterprise	Vermicomposting	3	2				8	
Jagatsinghpur	Commercial floriculture	Enterprise	Ornamental horticulture	4	1				19	
Jagatsinghpur	Entrepreneurship development through nursery	Crop	Nursery management	3	3				17	
Jagatsinghpur	IPM	Crop	IPM	4	3	2			25	10

**Table 3.3. 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	
Jagatsinghpur	Vermiculture & Vermicompost production techniques	Vermicompost pit	4	4	
Jagatsinghpur	Paddy seed production	Foundation seed production	6	6	
Jagatsinghpur	Nursery management of horticultural crops	Nursery	2	2	
Jagatsinghpur	Mushroom spawn production techniques	Spawn unit	2	2	
Jagatsinghpur	Value addition to low cost fish	Prawn pickle unit	1	1	

**Table 3.4. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub0theme (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.)
							Others		SC		ST			
							M	F	M	F	M	F		
Jagatsinghpur	Organic farming	CRP	Resource conservation technology	FW	4	2	25		15			Horticulturist, Tirtol	-	
Jagatsinghpur	Mushroom Cultivation	RYH	Mushroom production	RY	2	1	27	11	7	5		ATMA, JSPur	-	

#### 4. 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	Training on INM in paddy	20	25	65	47.0	39.5	33000	38000	1. 16ha, 2. Out of 20 farmers 14 farmers have adopted the INM in paddy, 3. (i)Knowlwdgw: 45%(Before)/90%(After), (ii)Production: Increased by 19%, (iii)Income: Increased by 15%
Jagatsinghpur	Training on INM in paddy	20	25	65	47.0	39.5	33000	38000	1. 16ha, 2. Out of 20 farmers 14 farmers have adopted the INM in paddy, 3. (i)Knowlwdgw: 45%(Before)/90%(After), (ii)Production: Increased by 19%, (iii)Income: Increased by 15%
Jagatsinghpur	Training on cultivation of high yielding varieties	20	45	85	43	38	34000	30000	1. 35ha, 2. Out of 20 farmers 18farmers have adopted the newly released variety of paddy, 3. (i)Knowlwdge:45%(Before)/85%(After), (ii)Production: Increased by 13%, (iii)Income: Increased by 14%
Jagatsinghpur	INM in Cauliflower	20	25	80	170	200	17800	26800	1. 18ha, 2. Out of 20 farmers 16farmers have adopted the new technology of cauliflower, 3. (i)Knowledge:25%(Before)/ 85%(After), (ii)Production: Increased by 17.64%, (iii)Income: Increased by 50.56%
Jagatsinghpur	Cultivation of wilt tolerant variety of Tomato	20	35	85	240	300	24500	42500	1. 27ha, 2. Out of 20 farmers 18farmers have adopted the newly released variety of tomato., 3. (i)Knowledge:35%(Before)/ 75%(After), (ii)Production: Increased by 25%, (iii)Income: Increased by 73.46%
Jagatsinghpur	Cultivation of wilt tolerant variety of Chilli	20	25	80	100	125	31800	51800	1. 22ha, 2.Out of 20 farmers 18farmers have adopted the newly released variety of tomato., 3. (i)Knowledge:25%(Before)/ 70%(After), (ii)Production: Increased by 25%, (iii)Income: Increased by 62.89%
Jagatsinghpur	Cultivation of HYV of Colocassia	20	30	75	161.86	196.33	42000	58600	1. 26ha, 2.Out of 20 farmers 16farmers have adopted the newly released variety of colocassia, 3. (i)Knowledge:25% (Before)/ 75%(After), (ii)Production: Increased by 23%, (iii)Income: Increased by 64.22%
Jagatsinghpur	Management of YMV of Okra	20	35	75	114.22	148.42	17600	28400	1. 18 ha, 2.Out of 20 farmers 16farmers have adopted the newly released variety of tomato., 3. (i)Knowledge:32%(Before)/ 85%(After), (ii)Production: Increased by 16.36%, (iii)Income: Increased by 52.28%
Jagatsinghpur	Management of wilt in solanaceous vegetables	20	25	70	210	270	73150	1,01,570	1. 33ha, 2. Out of 20 farmers 18farmers have adopted the new technology., 3. (i)Knowledge:25%(Before)/ 85%(After), (ii)Production: Increased by 22%, (iii)Income: Increased by 38%
Jagatsinghpur	Management of fruit & shoot borer in brinjal	20	20	75	115	165	72800	1,12,000	1. 38ha, 2. Out of 20 farmers 16farmers have adopted the new technology., 3. (i)Knowledge:20%(Before)/ 80%(After), (ii)Production: Increased by 43%, (iii)Income: Increased by 53%

Jagatsinghpur	Management of thrips infestation in chilly	20	30	80	16.5	20.3	69100	85650	1. 41ha, 2.Out of 20 farmers 15farmers have adopted the new technology, 3. (i)Knowledge:30% (Before)/ 85% (After), (ii)Production: Increased by 23%, (iii)Income: Increased by 24%
Jagatsinghpur	IPM in paddy	20	25	75	35	41.5	28000	35000	1. 28ha, 2. Out of 20 farmers 17 farmers have adopted the new technology, 3. (i)Knowledge: 25% (Before)/ 90%(After), (ii)Production: Increased by 19%, (iii)Income: Increased by 25%
Jagatsinghpur	Composite fish farming	20	20	80	22.2	34.21	59200	97300	1. 5ha, 2. 15 farmers, 3. (i) Knowledge:85%, (ii) Production: Increased by 54.05 (iii)Income: Increased by 64.36%
Jagatsinghpur	Pond management in pisciculture	20	25	80	20.2	34.1	45600	96200	1. 10ha, 2. 30 farmers, 3. (i) Knowledge: 85% , (ii)Production: Increased by 68.8 (iii)Income: Increased by 110%
Jagatsinghpur	Integrated fish farming	20	25	85	22.2	34.2	59200	118000	1. 15ha, 2. 35 farmers, 3. (i)Knowledge:80% , (ii)Production: Increased by 54.05 (iii)Income: Increased by 204%

## 5. 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	9	9	144	15	11	4	5	1	Seeing in believing, collection of information build up confidence	As per FLD & OFT	During activities
Jagatsinghpur	Kisan Mela	01	01	66	30	6	1	1	0	Sharing of information and thoughts, exchanges of idea rapport building	Integrated fish farming	-
Jagatsinghpur	Kisan Ghosthi	02	02	34	2	1	1					
Jagatsinghpur	Exhibition	03	03							Data collection information exchange seeing is believing, awareness	KVK mandatory activities	
Jagatsinghpur	Film Show	100	85							Develop of confidence, increasing knowledge	Organic farming, Entrepreneurs hip development, improve practice, IPM, IDM, IFS	During FLD OFT crop activities
Jagatsinghpur	Method Demonstrations											
Jagatsinghpur	Farmers Seminar	1	1	18	10	3		2				

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	Workshop											
Jagatsinghpur	Group meetings	18	18	180	36	12	12			Interaction information, collection, need assessment, problem, planning, action plan preparation	Improved methods of cultivation, take up enterprise like mushroom cultivation, honey bee rearing etc.	Before crop season, during activities & post harvest period
Jagatsinghpur	Lectures delivered as resource persons		28							Increase in knowledge, skill & attitude	ISOPOM, Organic farming, enterprise, water productivity, soil management	-
Jagatsinghpur	Newspaper coverage	06	03							Development of knowledge	Mushroom cultivation, IPM, IDM & INM etc.	Before the crop season
Jagatsinghpur	Radio talks	04	03							Development of knowledge, skill & attitude	Mushroom cultivation, IPM, IDM & INM etc.	Before and during crop season
Jagatsinghpur	TV talks	04	01							Seeing is believing awareness	Mushroom cultivation, IPM, IDM & INM etc.	During crop activities
Jagatsinghpur	Popular articles	03	03							Information regarding latest technology, improved package and practices	Coconut orchard management, mushroom culture, cultivation summer mug, IPM in rice	During crop period
Jagatsinghpur	Extension Literature	01										
Jagatsinghpur	Farm advisory Services		170							Information collection, solving the problem	IPM, IDM, crop management	-

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	Scientific visit to farmers field	90	252							Diagnostic study, field day, collection of data	IPM, IDM, crop management	
Jagatsinghpur	Farmers visit to KVK			1256	64	34	16			Information collection, problems oriented issues, purchase of seeds, saplings & seedlings	-	-
Jagatsinghpur	Exposure visits	02	02	8	8	1	1	1		Capacity building, seeing is believing	Horticulture nursery, SRI method, Exhibition	
Jagatsinghpur	Ex-trainees Sammelan	02	01	41	4	3	1	1		Sharing of information, impact study, constraints regarding practice	Vegetable cultivation, paddy seed production	During crop season
Jagatsinghpur	Soil health Camp	03	03	46	2	10	1	1		Preparation of soil health card for the area	Soil testing	Before crop season
Jagatsinghpur	Animal Health Camp	02	01	42	2	4	2	3				
Jagatsinghpur	Agri mobile clinic											
Jagatsinghpur	Soil test campaigns	03	02	42	07	14	01	01				
Jagatsinghpur	Farm Science Club conveners meet	02	02	40	24	8	2					
Jagatsinghpur	Self Help Group conveners meetings											
Jagatsinghpur	Mahila Mandals conveners meetings	01	01		64		09					
Jagatsinghpur	Celebration of important days	03	02	56	16	4	3			Importance of the day related to Agriculture and allied sector	-	-

# FORMAT 3- MISCELLENIOUS ACTIVITY

REPORTING PERIOD – April, 2011 to March, 2012

## 1 BIO PRODUCTS

KVK Name	Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
				No	(kg)		
Jagatsinghpur	BIOAGENTS						
Jagatsinghpur	BIOFERTILIZERS	Vermicompost	-	-	110	550	6
Jagatsinghpur	BIO PESTICIDES						

## 2 LIVESTOCK

Name of KVK	Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Jagatsinghpur	<b>Dairy animals</b>				
Jagatsinghpur	Cow				
Jagatsinghpur	Buffaloes				
Jagatsinghpur	Calves				
Jagatsinghpur	Others (Pl. specify)				
Jagatsinghpur	<b>Poultry</b>				
Jagatsinghpur	Broiler				
Jagatsinghpur	Layers				
Jagatsinghpur	Duals (broiler and layer)				
Jagatsinghpur	Japanese Quail				
Jagatsinghpur	Turkey				
Jagatsinghpur	Emu				
Jagatsinghpur	Duck				
Jagatsinghpur	Others (Pl. specify)				
Jagatsinghpur	<b>Piggery</b>				
Jagatsinghpur	Piglet				
Jagatsinghpur	Others (Pl. specify)				
Jagatsinghpur	<b>Fisheries</b>	<b>IMC</b>	<b>10000</b>	<b>7500</b>	<b>4</b>
Jagatsinghpur	Indian carp				
Jagatsinghpur	Exotic carp				
Jagatsinghpur	Others (Pl. specify)				
Jagatsinghpur	<b>Total</b>				

### 3 Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter ((,etc.)

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Jagatsinghpur	30.04.11	4 per year	700	700
Jagatsinghpur	01.03.2012	4 per year	700	700

(B) Literature developed/published

KVK Name	Type	Title	Authors name	Number of copies
Jagatsinghpur	Leaflet	Integrated pest management of oilseed crops	A. Dhal	500
Jagatsinghpur	Leaflet	SRI method of paddy cultivation	S. K. Dwibedi	500
Jagatsinghpur	Booklet	Mushroom production technology	B. L. Sahoo	500
Jagatsinghpur	Booklet	Production of fingerlings	N. Das	400
Jagatsinghpur	Booklet	Improved methods for cultivation of tuber crops	A. K. Mohanty	200
Jagatsinghpur	Booklet	Ousadhiya Brukhyalata chasa pranali	A. K. Mohanty	500

(C) Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Jagatsinghpur	CD	IFS	01

### 4 Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Not established

Year of establishment :

1. List of equipments purchased with amount :

KVK Name	Name of the Equipment	Qty.	Cost
Jagatsinghpur			

2. Details of samples analyzed so far:

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Jagatsinghpur	Soil Samples				
Jagatsinghpur	Water Samples				
Jagatsinghpur	Plant Samples				
Jagatsinghpur	Petiole Samples				

## 5 Production and supply of Technological products

### SEED AND PLANTING MATERIALS

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Jagatsinghpur	Cereals	Paddy	Swarna, Pooja, CR-1018, Pratikhsya	FS		Qt.		
Jagatsinghpur	Pulses							
Jagatsinghpur	Pulses							
Jagatsinghpur	Oilseeds							
Jagatsinghpur	Fibers							
Jagatsinghpur	Spices							
Jagatsinghpur	Plantation crops							
Jagatsinghpur	Forest species	A. mangium	A.mangium	PM	400	PM	2000	5
Jagatsinghpur	Ornamental crops							
Jagatsinghpur	Vegetables	Brinjal	BB-45C	PM	2000	Nos.		
Jagatsinghpur		Tomato	Utkal raja	PM	6000	Nos.		
Jagatsinghpur		Chilli	Utkal Ava	PM	1000	No.		
Jagatsinghpur		Drumstick	PKM-1	PM	1000	No.		

SD – Seed; PM – Planting Material

## 6 Performance of instructional farm (Crops) including seed production (as on 31.03.2012)

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Jagatsinghpur	Cereals	Paddy	11.8.11 to 15.8.11	08.12.11 to 11.01.12	6.5	Swarna, Pooja, CR-1018, Sarala	FS	252.7		520562	Paddy

## 7 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty (q)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Jagatsinghpur	Vermicompost	110	100	550	



## 8 Performance of instructional farm (livestock and fisheries production)

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Jagatsinghpur	Buck	Betel	Mating purpose				
Jagatsinghpur	Fish	IMC	Fingerlings	10000	41000	7500	

## 9 Rainwater Harvesting

### Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	No. of Courses	No of Demonstrations	Client (PF/R Y/EF)	No. of planting material produced	No of Officials/extension persons Visited	No. of farmers visitors including SC/ST			No. of SC/STParticipants		
								Male	Female	Total	Male	Female	Total
Jagatsinghpur	-	-		-	-			-	-	-	-	-	-

## 10 Utilization of hostel facilities

Accommodation available (No. of beds) : 20

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)
Jagatsinghpur	April & May	2011	Rural Agricultural work experience programmes	45	10	45	
Jagatsinghpur	June	2011	Paddy seed production techniques	3	20	3	
Jagatsinghpur	August	2011	Post harvest management of fruit crops	2	10	2	
Jagatsinghpur	August	2011	Agro-entrepreneurship development	5	15	5	
Jagatsinghpur	September	2011	Hitech horticulture and precision farming	2	10	2	
Jagatsinghpur	September	2011	Commercial floriculture	3	20	3	
Jagatsinghpur	February	2012	Enterprenurship development through nursery	3	20	3	
Jagatsinghpur	March	2012	Layout and management of orchard	3	20	3	

## 11. Documentation of Innovative technologies at the district level:

### An Innovative approach for Production Technology of Oyster Mushroom culture

Sri Gobinda Moharana son of Late Rama Chandra Moharana of village Alipingala of Jagatsinghpur district of Odisha is well known among the farming community of his native block of Jagatsinghpur for his inquisitive and innovative bend of mind in entrepreneurship. His present status and identity as a successful commercial mushroom grower dates back to October 2003 when he cultivated mushroom for the first time on trial basis. Initially, he started his unit with 10beds only. Out of which he could sell 8kgs in local market after mitigating his family needs. The success and profit from Oyster mushroom inspired his to increase his unit size to 12beds per day in 2004. With his own level of management he could then sell 13kgs of fresh mushroom in his local market and continued cultivating both oyster and paddy straw mushroom on commercial scale. In that year he could get a net profit of Rs.40,000/- by selling 13kgs of fresh daily.

Then after in the year 2005, looking at the burgeoning market demand owing to greater acceptability not only in his local market but also in the port city of Paradeep he expanded his business to get at least 25kgs of fresh mushroom per day and received net profit of Rs.1,30,000/- in that year. During those formative years of his entrepreneurial career he was cultivating paddy straw mushroom- *Volvariella volvacea* and oyster mushroom- *Pleurotus sajarcaju* and getting yield of 1.1kg and 1.4kg per bed respectively. However, during 2006 he faced yield loss due to severe contamination of oyster mushroom beds. Near about 40% of beds of oyster mushroom were contaminated and the yield from paddy straw mushroom also declined.

At that crucial juncture of his entrepreneurship he stepped on to the newly established Krishi Vigyan Kendra, Jagatsinghpur in July, 2007 for technical guidance on Unit Management, Spawn Production Technique, Preservation/Value Addition, Marketing, Financial Management, Disease Management, etc. He was also advised by the scientists to involve the rural youth and SHGs of his locality for getting better market-network. After getting advice from the scientists of KVK he disinfected his unit by spraying chemicals like Bavistin, Streptocycline, Formalin, and other measures.

## Background:

In a cool winter day of December 2008, he all on a sudden went to attend a patient in Cuttack Medical College Hospital by leaving behind some Oyster mushroom beds as such without removing the polythene on that day. On his return after a week from the hospital he was astonished to observe the fruiting behaviour of oyster mushroom in those remaining poly covered oyster beds. Larger size mushroom stalks in bunch had come out of the poly beds by rupturing the polythene through air holes.

With his inquisitive bend of mind and out of curiosity he left those beds as such without removing the polythene cover and observed the total yield per bed to compare it with those beds without polythene cover. He observed that the per bed yield total from the poly covered beds was significantly higher than the per bed yield total from the beds without polythene. Moreover, the contamination in poly attached bed was negligible compared to the poly detached beds.

By observing such an accidental innovation a thought struck to his mind to repeat the same for standardization of the process. After careful and meticulous observations for a few production cycles, he came to a conclusion that the beds with air holes of 1.0cm diameter on the polythene cover out yielded all other air hole size so also the beds without polythene. That apart, the labour cost involved in maintaining the desired moisture level of the opened bed reduced by 95% compared to the poly attached beds wherein the polythene covering acted as a protective barrier and maintained the internal bed moisture.

With such alluring innovative self research findings he has been cultivating oyster mushroom with 8-10 air holes of 1.0cm diameter on polythene without removing it during fruiting. Such an innovative idea has also been disseminated to other farmers of his locality through his consistent motivation and personal invitation to his farm for believing by seeing.

## Result of Innovation:

The salient findings of his innovative approach have gathered the some valuable researchable data which are as follows.

Table.1: Fruiting behaviour and acceptability of Oyster mushroom (*Pleurotus sajarcaju*) as influenced by the presence or absence of polythene covering in bed size of 45cmsX60cms.

Sl. No.	Characteristics	Removal of polythene bag after 22days	Without removal of polythene bag (with 10 Nos. of holes)
1	Size of bud	Small and medium ( $\leq 8.0$ cms)	Big and medium (8-12.0cms)
2	Type of buds	Single bud	Bunchy type
3	Taste quality	Good	Very good
4	Perishability	More	Less

5	Drying of buds from total Nos. of bed (%)	30	<2
6	Disease & pest attack (after sprouting)	Some extent	Nil
7	Duration of bud initiation (days)	23days	26days
8	Duration of maturity of buds	26-27days	30-32days
9	Consumer preference	Good	Very good
10	Cost of cultivation per bed (Rs.)	25-30	23-28
11	Avg. Yield per bed (kg/bed)	1.4	1.8
12	B:C ratio	1.81	2.52
13.	Watering upto 1 <sup>st</sup> harvesting	14-18 times	5-8 times
14.	Colour of buds	Whitish black	Blackish

### **Critical Observations:**

The critical observations as recorded in with non-removal of the polythene in oyster mushrooms by the farmer Sri Moharana as well as the scientists of the KVK, Jagatsinghpur are put underneath:

1. The buds come with multi stalk having broad base.
2. Buds remain healthy without any fungal or bacterial infections.
3. The weight of harvested buds is more compared to open-bed buds.
4. The buds remain fresh for longer period.
5. Reduced watering saves labour and time.
6. Increase in production cycle by 2-3days.
7. This technique is very fruit full in var. P.Sajarcaju compare to var. P.Florida, P astriatus etc.
8. Less drying & attack of contaminants from outside due to covering of polythene.
9. Matured mycelium are deep yellowish colour with radish fluid.

### **Conclusion:**

With the changing food habit of ever increasing Indian population and to cope up with the sky high rise in the cost of production of most of the agricultural commodities due to the limiting factors of production, it is high time to increase the productivity of all such commodities. In this context, the noble effort of Sri Gobinda Moharana has been very much rewarding not only for the farmers his locality but also for the entire nation. By seeing such results, the farmers of the near by districts like Cuttack, Puri, Kendrapada, etc. have been adopting this practice in recent

years. The district administration and the agriculture department have rewarded him for his consistent efforts and innovativeness in *Krishak Sampark Mela*.

His self experiment with the Oyster mushroom didn't conclude here. Now, he is at the end of the pipeline for another innovation taking into account the increased exposed surface area of oyster mushroom beds before second flush by cutting half the beds after the first harvest. Similarly, he is also studying the correlation of the bed size of paddy straw mushroom with atmospheric temperature. His keen observation has showed that, larger beds in rainy season and smaller beds in summer increased the profit of paddy straw mushroom. Secondly, the farm income during transition period can be enhanced by dual cropping of paddy straw as well as oyster mushroom from the second week of September till second week of November. However, all such experiments are under joint scrutiny of Sri Moharana and the KVK and the result of which are to come very recently.



Fruiting in Oyster mushroom beds with polythene coverings



Engaged in his innovative observations in his own farm at Alipingala.

## 12. Some importance success stories and case studies : Attached Separate File

Each KVK should propose a minimum of one case study with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise
- Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise
- Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product

The general format for preparing the above case studies are furnished below

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

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

## 14. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Mane of KVK	Crops	Area (ha)	Number of beneficiaries
Jagatsinghpur	Oilseeds		
Jagatsinghpur	Pulses		
Jagatsinghpur	Cereals		
Jagatsinghpur	Vegetable crops		
Jagatsinghpur	Tuber crops		

Jagatsinghpur	Fruits		
Jagatsinghpur	Spices		
Jagatsinghpur	Cotton		
Jagatsinghpur	<b>Total</b>		

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
Jagatsinghpur	Dairy Management		
Jagatsinghpur	Disease management		
Jagatsinghpur	Feed and fodder technology		
Jagatsinghpur	Poultry management		

Animal health camps organised

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

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Jagatsinghpur	Black Gram			
Jagatsinghpur	Green Gram			
Jagatsinghpur	Groundnut			
Jagatsinghpur	Jowar			
Jagatsinghpur	Kodo-Millet			
Jagatsinghpur	Little-Millet			
Jagatsinghpur	Maize			
Jagatsinghpur	Moong			
Jagatsinghpur	Niger			
Jagatsinghpur	Paddy			
Jagatsinghpur	Pigeon Pea			
Jagatsinghpur	Sesame			
Jagatsinghpur	Soybean			
Jagatsinghpur	Turmeric			
Jagatsinghpur	Urid			
Jagatsinghpur	vegetables			
Jagatsinghpur	Arhar			
Jagatsinghpur	Chilli			
Jagatsinghpur	Maize			
Jagatsinghpur	Moong			
Jagatsinghpur	Niger			
Jagatsinghpur	Okra			
Jagatsinghpur	Paddy			
Jagatsinghpur	Pigeon Pea			
Jagatsinghpur	Soybean			

## Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
<b>Seedlings</b>				
Jagatsinghpur	Brinjal			
Jagatsinghpur	Chilli			
Jagatsinghpur	Marigold			
Jagatsinghpur	Tomato			
Jagatsinghpur	Vegetables			
<b>Saplings</b>				
Jagatsinghpur	Aonla			
Jagatsinghpur	Brinjal			
Jagatsinghpur	Chilli			
Jagatsinghpur	Citrus			
Jagatsinghpur	Curry Leaf			
Jagatsinghpur	Drum Stick			
Jagatsinghpur	Jamun			
Jagatsinghpur	Lemon Grass			
Jagatsinghpur	Mentha			
Jagatsinghpur	Papaya			
Jagatsinghpur	Moringa			
Jagatsinghpur	Guava			
Jagatsinghpur	Banana			
Jagatsinghpur	Mango			
Jagatsinghpur	Litchi			

## Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Jagatsinghpur	Tricho derma Viride			
Jagatsinghpur	Ha NPV			
Jagatsinghpur	Maxicon Beetle for Control of Parthenium			
Jagatsinghpur	T.V.			
Jagatsinghpur	Pheromen Trap			
Jagatsinghpur	Neem oil			
Jagatsinghpur	NPV-SI			
Jagatsinghpur	Other			



**(e) Bio-Fertilizer**

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Jagatsinghpur	Azotobactor			
Jagatsinghpur	Blue green Algae			
Jagatsinghpur	PSB			
Jagatsinghpur	Rizobium			

**(f) Verms Produced**

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

## Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Jagatsinghpur	Cultivation of fruits		
Jagatsinghpur	Drought tolerant crop and sort duration variety		
Jagatsinghpur	Integrated Crop Management		
Jagatsinghpur	Irrigation Scheduling		
Jagatsinghpur	Mechanization		
Jagatsinghpur	Mulching		
Jagatsinghpur	SRI		
Jagatsinghpur	Water Management		
Jagatsinghpur	Weed management		
Jagatsinghpur	Direct seeding and weed management in Rice		
Jagatsinghpur	Early & drought tolerance varieties of Maize		
Jagatsinghpur	Dry seeded method of rice cultivation		
<b>Total</b>			

## 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
Jagatsinghpur												
Jagatsinghpur												
<b>Total</b>												

## 15. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Jagatsinghpur	Gosthies			
Jagatsinghpur	Lectures organized	6	300	
Jagatsinghpur	Exhibition			
Jagatsinghpur	Film show			
Jagatsinghpur	Fair			
Jagatsinghpur	Farm Visit			
Jagatsinghpur	Diagnostic Practical's			
Jagatsinghpur	Distribution of Literature (No.)			
Jagatsinghpur	Distribution of Seed (q)			
Jagatsinghpur	Distribution of Planting materials (No.)			
Jagatsinghpur	Bio Product distribution (Kg)			
Jagatsinghpur	Bio Fertilizers (q)			
Jagatsinghpur	Distribution of fingerlings (No)			
Jagatsinghpur	Distribution of Livestock specimen (No.)			
Jagatsinghpur	Total number of farmers visited the technology week	6	300	

## 16. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Number of Member Participated	Major recommendations
Jagatsinghpur	07.03.2012	30	IPDM, INM, Entrepreneurship development

## 17. E-CONNECTIVITY

Name of KVK	Number and Date of Lector 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			
					1.	2. Attend and interact with the expert during the lecture 3. Time-to time interact with the other e-linked KVKs 4. <b>All KVK staffs get the opportunity to interact with Hon'ble DDG (AE)</b>	

## 18. Kisan Mobile Advisory Services

Name of KVKs	Month and year of Starting	No. of SMSs sent	No. of farmers benefited	Remark (Continued/Discontinued)
Jagatsinghpur	April 2011	215	450	Continued

## 19. Details of KVK Agro-technological Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Jagatsinghpur	Crop Cafeteria	
Jagatsinghpur	Technology Desk	
Jagatsinghpur	Visitors Gallery	
Jagatsinghpur	Technology Exhibition	
Jagatsinghpur	Technology Gate-Valve	

## 20. Status of KVK Website: Not Available

## 21. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Jagatsinghpur	Dr. R.K.Raj	26-12-11	To review KVK work activities
Jagatsinghpur	Dr. S.S. Nanda	07-03-12	As Chairman on 5 <sup>th</sup> SAC
Jagatsinghpur	Dr. N.C.Rath	07-03-12	As invitee member on 5 <sup>th</sup> SAC

## Annexure – I

Discipline	Discipline Code No.	Discipline	Discipline Code No.
Agronomy	01	Fishery	04
Horticulture	02	Home Science	05
Plant protection	03	Extension	06