

# **ANNUAL PROGRESS REPORT**

## **2014 - 2015**

**Indira Gandhi Krishi Vishwavidyalaya  
Krishi Vigyan Kendra, Mahasamund (C.G.)**

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## Instructions for Filling the Format

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

## REPORTING PERIOD – April 2014 to March 2015

### Summary of KVK Annual Report (Quantifiable Achievement) for the year 2014-15

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
<b>1</b>	<b>On Farm Testing</b>			
	Proposed OFT	14	26	
	On Going OFT	1	5	
	Technologies assessed (Completed OFT)	7	21	
	Technologies refined			
	On farm trials conducted	8	26	
<b>2</b>	<b>Frontline demonstrations</b>			
	Proposed Frontline demonstrations	8	60	
	On Going Frontline demonstrations	-	-	
	FLDs conducted on crops	3	36	
	Area under crops (ha.)	15	36	
	FLD on farm implement and tools	2	10	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-	-	
	FLD on Fisheries - Finger lings	2	4	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1	6	
	FLD on Women in Agriculture - ( Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
<b>3</b>	<b>Training programmes</b>	<b>No. of Course</b>	<b>Duration (days)</b>	<b>Participants</b>
	Farmers	47	47	1650
	Farm women	12	12	250
	Rural youth	5	5	110
	Extension personnel/ In service	5	5	130
	Vocational trainings	6	40	140
	Sponsored Training	2	3	100
	<b>Total</b>	77	112	2380
		<b>No. of programmes</b>	<b>Participants</b>	
<b>4</b>	<b>Extension Programmes</b>			
<b>5</b>	<b>Production of technology inputs etc</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Seed (qt.)			
	Planting material produced (nos.)			
<b>6</b>	<b>Livestock</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Livestock strains ( Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)	750	20	
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)			

7	<b>Bio Products</b>		<b>Qty</b>	<b>Beneficiaries (nos.)</b>
	Bio Agents -Earth worm (Kg.)			
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)		<b>1500</b>	20
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)			
8	<b>Any other significant achievement in the Zone</b>		<b>Nos.</b>	<b>Participants/ beneficiaries</b>
	Award (Best KVK award and scientist and farmer's award)		3(farmer award)	3
	Publications ( Res. Paper/ pop. Art./Bulletin,etc.)		4+10+1	Mass
	KVK News letter		4	Mass
	SAC Meetings conducted		18-06-2014	30
	Soil sample tested			
	Water sample tested			
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)			
	KVK-KMA (Message and beneficiaries)		52	5172
	Convergence programmes		5	Mass
	Sponsored programmes		4	185
	KVK Progressive Farmers interaction		1	15
	No. of Technology Week Celebrations		2	200
	Attended HRD activities organized by ZPD		2	2
	Attended HRD activities organized by DES		10	10
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc. )			
9	Current status of Revolving Funds ( Amt. in Rs.)			
10			<b>No. of blocks</b>	<b>No. of villages</b>
	Outreach of KVK in the District		5	554
11			<b>ICAR</b>	<b>SAU</b>   <b>Others</b>
	No. of important visitors to KVK (nos.)		5	15   46
12			<b>Working (Yes/No)</b>	<b>No. of Update</b>
	Status of KVK Website		Yes	52
13			<b>Application received</b>	<b>Application disposed</b>
	Status of RTI (nos.)			
14			<b>Query received</b>	<b>Query dissolved</b>
	Citizen Charter (nos.)			
15			<b>Working (Yes/No)</b>	<b>No. of programme viewed</b>
	E-connectivity		No	
16			<b>Filled</b>	<b>Vacant</b>
	Staff Position		13	3
17	Workshop/ Seminar/ Conference attended by staff of KVK ( nos)			10
18	Publication received from ICAR /other organization (nos.)			10
19			<b>Particulars</b>	<b>Organization</b>
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)			

# GENERAL INFORMATION

## 1.1. Staff Position (as on date)

### Summary of Staff position in KVKs on March, 2015

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Mahasamund	16	1	1	6	5	3	2	6	5	16	13

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)
Mahasamund	Programme Coordinator	Dr. Satish Kumar Verma Programme Coordinator	Horticulture	Ph.D.	Horticulture	15600-39100/- 8000 (AGP)	24520-8000/-	04/10/2014	Permanent	OBC
Mahasamund	Subject Matter Specialist - 1	Dr. Rekha Singh	Home Science	Ph.D.	Food & Nutrition	15600-39100/- 6000(AGP)	23,790- 6000/-	24/10/2007	Permanent	GEN
Mahasamund	Subject Matter Specialist - 2	Dr. Saugata Sasmal	Fisheries	Ph.D.	Aquaculture	15600-39100/- 5400(AGP)	15,600- 5400/-	06/09/2012	Permanent	GEN
Mahasamund	Subject Matter Specialist - 3	Shri. Saket Dubey	Horticulture	M.Sc.	Horticulture	15600-39100/- 5400 ( AGP)	15,600- 5400/-	06.09.2012	Permanent	GEN
Mahasamund	Subject Matter Specialist - 4	Mr. Manish Kumar Singh	Agronomy	M.Sc.	Agronomy	15600-39100/- 5400(AGP)	15,600- 5400/-	17.09.2014	Permanent	GEN
Mahasamund	Subject Matter Specialist - 5	Er. Ravish Keshri	Soil & Water Engg.	M.E	Irrigation Water Mgmt Engg.	15600-39100/- 5400(AGP)	15,600- 5400/-	20.10.2014	Permanent	GEN
Mahasamund	Subject Matter Specialist – 6	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Programme Assistant	Smt.Punitha Kartikeyan	Computer Science	MCA, M.Phil	Computer Science	9300-34600/- 4200(AGP)	9300-4200/-	29/07/2013	Permanent	GEN
Mahasamund	Programme Assistant	Mr. S. M. Ali Humayun	Entomology	M.Sc.	Entomology	9300-34600/- 4200(AGP)	9300-4200/-	27.10.2014	Permanent	GEN
Mahasamund	Computer Programmer	Vacant	-	-	-	-	-	-	-	-

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)
Mahasamund	Accountant / superintendent	Mr.U.M.Uppadhaya	-	H.S.C.	-	5200-20200/- 2800 (AGP)	11,900/- 2800/-	27/12/2013	Permanent	GEN
Mahasamund	Stenographer	Shri Mahendra Bahpagaria	-	M.Com L.L.B	-	5200-20200/- 2800 (AGP)	11,810/- 2800/-	18.01.2008	Permanent	OBC
Mahasamund	Driver	Shri B. P. Dhruw	-	Primary	-	5200-20200/- 2200 (AGP)	11,480- 2800/-	20/12/2005	Permanent	ST
Mahasamund	Driver	Mr.Rajesh Markandey	-	10th	-	5200-20200/- 1900 (AGP)-	5200/-1900/-	02/04/2013	Permanent	SC
Mahasamund	Messenger	Shri Khayal Das Vaishnav	-	-	-	4750-7440 AGP- 1300)	6180/- 1300/-	04/02/2006	Permanent	GEN

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Mahasamund	Chhattisgarh Plain	5	492	10,32,754	61.77%	SC- 13.51% ST-27.10% Others-59.39%	Marginal- 80.63% Small- 18.82% Large- 0.56%	

S. No.	Particular	Area(ha)	Data
1	Geographical area	Thousands(ha)	496.30
2	Forest area	Thousands(ha)	110.20
3	Cultivable Waste land	Thousands(ha)	8.98
4	Pasture land	Thousands(ha)	29.73
5	Net cropped area	Thousands(ha)	267.64

6	Double crop area	Thousands(ha)	48.25
7	Total Crop Area	Thousands(ha)	315.89
8	Rainfall	mm	1434.2 mm
9	Area Khaif (2014-15)	Thousands(ha)	265.65
10	Major Crop in Kharif	Per cent	Rice - 89 % (236700 ha) Blackgram - 4% (11610 ha) Groundnut - 2.5% (6020 ha) Greengram - 1.5% (3860 ha )
11	Area Rabi (2014-15)	Thousands(ha)	52.76
12	Major Crop in Rabi	Per cent	Summer Rice 57% (30000 ha ) Lathyrus-13% (7000) Vegetables -12% (6400) Wheat-3.2% (1700) Mustard -2.7% (1460)
13	Cropping Intensity	Per cent	118.02
14	Kharif Irrigated Area	Per cent	105.07
15	Rabi Irrigated Area	Per cent	41.72
16	Irrigated area on the basis of Source (Kharif) (Total 39%)	Per cent	54.47 – Canal 11.06 – Pond 1.20 – Open Well 28.49 – Tube Well 4.77 – Others
17	Irrigated area on the basis of Source (Rabi) (Total 16%)	Per cent	8.83 – Canal 8.39 – Pond 3.46 – Open Well 71.5– Tube Well 7.80 – Others
18	Total Population (on the basis of census 2011)	No/ Per cent	10,32,275 (10.32 Lakhs) [M - 511475 ; F – 520800] 13.51% – SC, 27.10% – ST 59.39 %– Others
19	Literacy Rate	Per cent	71.54 [M-83.01; F-60.37]
20	Farmers Family on the basis of Caste (Total 193706)	Per cent	11.98 – SC 26.47 – ST 61.54 – Others
21	Farmers Family on the basis of Land Holding	Per cent	80.62– Marginal



			18.81– Small 0.56 - Large
22	Total No. of Villages	No	1147
23	Total No. of Panchayat	No	491
24	Total No. of Block	No	05
25	Total No. of Tehsil	No	05

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

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Mahasamund	Virajpali	2013	Bagbahara	43 Km	2200	90
Mahasamund	Kotanpali	2013	Bagbahara	44 Km	1700	78

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

KVK Name	THRUST AREA
Mahasamund	Diversification of existing production systems for better profitability.
Mahasamund	Farm mechanization through improved agricultural implements.
Mahasamund	Introduction of community based quality seed and planting material.
Mahasamund	Income augmentation of resource poor farm women through small scale backyard enterprise.
Mahasamund	Reduction of cost of cultivation of existing major crop enterprises through better management practice.
Mahasamund	To enhance crop productivity and cropping intensity under rainfed and irrigated conditions.
Mahasamund	Improve riverbed cultivation through community based.
Mahasamund	Entrepreneurship development of rural youths and woman SHG members.
Mahasamund	Water management using micro irrigation.

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Mahasamund	High yield losses due to weeds and Pest	Participatory group discussion among the farmers and extension functionaries.	Virajpali, Kotanpali, Block Bagbahara
Mahasamund	High drudgery farm implements	Participatory group discussion among the farmers and extension functionaries.	Virajpali, Kotanpali, Block Bagbahara
Mahasamund	Poor household nutritional security of farm families	Participatory group discussion among the farmers and extension functionaries	Virajpali, Kotanpali, Block Bagbahara
Mahasamund	Lack of knowledge and unawareness about proper agricultural produce storage.	Participatory group discussion among the farmers and extension functionaries	Virajpali, Kotanpali, Block Bagbahara
Mahasamund	Low productivity of fish pond	Participatory group discussion among the farmers and extension functionaries	Virajpali, Kotanpali, Block Bagbahara

## 2. On Farm Testing

### Note-

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

\*Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.

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

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

### 2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T <sub>3</sub>	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T <sub>3</sub>	
Mahasamund	2014-15	Kharif	Low survival rate of fry at nursery ponds (Dabry)	Impact on survival rate of fry at nursery ponds through control of aquatic insects	Assessment	Production of fish seed	Fisheries	Lowland	04	3.30	7.95		45000	143250		

Mahasamund	2014-15	Kharif	At early stages, heavy mortality of fry at nursery at ponds	Assessment of soya milk and egg yolk on rearing of initial stages (01-05 days) of fry (IMC) at nursery pond	Assessment	Production of Fish seed	Fisheries	Lowland	04	3.81	9.33		47700	161800		
Mahasamund	2014-15	Kharif	Less efficiency and less output by manual shelling of maize resulting distress sale of green cob	Assessment of power operated Maize Sheller	Assessment	Farm Mechanization	Maize	Irrigated	04	5(Kg/hr)	109 (Kg/hr)	-	42750	62272		<b>Shelling of maize by power operated maize sheller can save 84.5 % cost and 95.5 % labour in comparison to manual shelling with less drudgery</b>
Mahasamund	2014-15	Kharif	Heavy yield loss due to moisture stress in rainfed condition	<b>Evaluation of new drought tolerant variety under rainfed condition</b>	Assessment	Varietal replacement	Paddy	Rainfed	03	30	42	40	14500	28400	38000	
Mahasamund	2014-15	Kharif	Use of imbalance nutrient in paddy affects crop yield as well as cost of cultivation	<b>Assessment of STCR based nutrient management in paddy</b>	Assessment	Integrated nutrient management	Paddy	Irrigated	04	33.0	40.5	42	19100	27100	28400	
Mahasamund	2014-15	Kharif	Heavy yield loss due to poor weed management/ No weeding / hand weeding	<b>Assessment of chemical weed management in black gram.</b>	Assessment	Weed management	Black gram	Rainfed	05	8	12	14	33500	56000	68500	
Mahasamund	2014-15	Rabi	Low yield of wheat due to broad leaf weed infestation in wheat crop	<b>Assessment of chemical weed management in Wheat.</b>	Assessment	IWM	Wheat	Irrigated	04	13	19	-	11600	24300	-	
Mahasamund	2014-15	Rabi	Low yield due to less female flower	<b>Assessment of female flower in water melon through Ethrel</b>	Assessment	Crop Production	Water melon	Irrigated	04	Result awaited						

## 2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T <sub>1</sub> ) q/ha	RP (T <sub>2</sub> ) q/ha	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP(T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
<b>Mahasamund</b>	Impact on survival rate of fry at nursery ponds through control of aquatic insects	Oil soap emulsion = 56 lit. diesel & 18 Kg detergent powder per ha.	3.30	7.95	37500	55500		82500	198750		45000	143250		1.20	2.58	
<b>Mahasamund</b>	Assessment of soya milk and egg yolk on rearing of initial stages (01-05 days) of fry (IMC) at nursery pond	1 egg yolk & 560 ml soymilk per lakh of spawn	3.31	9.33	37500	65000		87500	226800		47700	161800		1.23	2.25	
<b>Mahasamund</b>	Assessment of power operated Maize Sheller	Shelling capacity per hour (50q/ha yield)	5(Kg/hr)	109 (Kg/hr)	22750	3528	-	65500	65500	-	42750	62272	-	2.87	18.56	
<b>Mahasamund</b>	Evaluation of new drought tolerant variety under rainfed condition		30 q/ha	42q/ha	21500	22000		36000	50400		14500	28400		1.67	2.29	

<b>Mah asam und</b>	Assessme nt of STCR based nutrient managem ent in paddy		33 q/ha	40.5q/ha	20500	21500		39600	48600		19100	27100	1.93	2.60	
<b>Mah asam und</b>	Assessme nt of chemical weed managem ent in Black gram		08 q/ha	12 q/ha	14500	16000		48000	72000		33500	56000	3.31	4.5	
<b>Mah asam und</b>	Assessme nt of chemical weed managem ent in Wheat.		13 q/ha	19q/ha	17000	17500		28600	41800		11600	24300	1.68	2.39	
<b>Mah asam und</b>	<b>Assessmen t of female flower in water melon through Ethrel</b>	Result awaited													

### 2.3 Information about Home Science OFT:

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

## 2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m <sup>2</sup> /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

## 2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Mahasamund	Farm women get benefited through cultivation of Oyster Mushroom and ready to multiply the units. Farmers complain for lack of systematic marketing channel.

## 3. Achievements of Frontline Demonstrations

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha

#### Note-

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

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

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

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

### 3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		SC	ST	Others	General	Total
Mahasamund	2014-15	Rabi	Fish Production	Stocking of Grass carp (20% or 10%) with indian major carps.	Fisheries	Demonstration on Control of aquatic vegetation by stocking of Grass carp with Indian major carp at village pond.	2.0	12.13	16.20	33.55	0	01	02	0	03
Mahasamund	2014-15	Rabi	Fish Production	Lime will be applied as pr soil pH.	Fisheries	Demonstration on fish production through application of lime in village ponds.	4.0	12.14	18.17	48.97	0	02	02	0	04
Mahasamund	2014-15	Kharif	Crop Production	HYV	Agronomy	Demonstration of high yielding variety of Groundnut.	2.0	10	18	44.44	0	01	02	02	05
Mahasamund	2014-15	Kharif	Crop Production	Crop Management through Biasi	Agronomy	Popularization of improvement Biasi cultivation of Rice through crop management.	2.0	25	35	28.57	0	01	02	02	05
Mahasamund	2014-15	Kharif & Rabi	Crop Production	Cropping System	Agronomy	Demonstration on Rice -based Cropping Systems Under Limited (one) Irrigation During Rabi.	2.0	28	38	26.31	0	01	02	02	05
							2.0	11	18	38.88	0	0	01	02	03

### 3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )
Mahasamund	Demonstration on Control of aquatic vegetation by stocking of Grass carp with Indian major carp at village pond.	Fisheries	Stocking of Grass carp ( 10%) with indian major carps.	12.13	16.20	25990	29110	84910	113400	58920	84290	2.26	2.89
Mahasamund	Demonstration on fish production through application of lime in village ponds.	Fisheries	Lime will be applied as per soil pH.	12.14	18.17	25990	32330	84910	145360	58920	113030	2.26	3.49
Mahasamund	Demonstration of high yielding variety of Groundnut.	Agronomy		10 q/ha	18q/ha	22000	23200	45000	81000	23000	57800	2.04	3.49
Mahasamund	Popularization of improvement Biasi cultivation of Paddy through crop management	Agronomy		25 q/ha	35q/ha	20500	21500	33750	47250	13250	25750	1.64	2.19
Mahasamund	Demonstration on Paddy-based Cropping Systems Under Limited (one) Irrigation During Rabi.	Rice-MTU1010		28 q/ha	38q/ha	20000	21500	33600	45600	13600	24100	1.46	2.12
		Chickpea JG-14		11 q/ha	18 q/ha	21000	22400	49500	81000	28500	58600	2.36	3.62



### 3.4 Information about Home Science FLDs

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

### 3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m <sup>2</sup> /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				

### 3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mahasamund	Paddy,Blacgram,Wheat, Brinjal, Zero till seed cum fertilizer drill, Seed cum fertilizer drill, Mulching, Fertigation through drip	Farmers Training	8	240	
Mahasamund	Nursery raising, Seed-bed preparation etc.	Farm Women Training	03	95	

Mahasamund	Paddy, Wheat, Chickpea/Seed cum fertilizer drill, Zero till seed cum fertilizer drill	Field Days	03	125	
Mahasamund	Nursery Management, Zero till seed cum fertilizer drill, Seed cum fertilizer drill, TD Ridger	Training for extension functionaries	08	300	

### 3.7 Details of FLD on crop hybrids.

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

## 4. Feedback System

### 4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Mahasamund	Zero Till Seed Cum Fertilizer Drill	In place of broadcasting Zero Till Seed Cum Fertilizer Drill is used.	Lesser time compared to traditional method	Farmers are convinced with these technologies and ready to adopt the
Mahasamund	Seed Cum Fertilizer Drill	In place of broadcasting Seed Cum Fertilizer Drill is used	Lesser time compared to broadcasting method	All Farmers are appreciated the performance of the
Mahasamund	Improve crop management /variety replacement	Line sowing in place of broadcasting.	Line sowing perform better yield, Initial control of weeds direct affect the yield	All the farmers appreciated the performance of the

### 4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Mahasamund	Mulching reduces the water evaporation by interfacing the radiation falling on the soil surfaces and thus delays the drying of the soil and reduces the soil thermal regime during day time.
Mahasamund	In fertigation, nutrients are applied through emitters directly into the zone of maximum root activity and consequently fertilizer-use efficiency can be improved over conventional method of fertilizer application.
Mahasamund	The estimation of seed rate depends on the vegetative/tillering habit of the plants. In field trial Swarna shows better yield compare to same cultivar whereas, MTU-1010 was not show significant increase over farmer practices in direct seeded

	line sowing.
<b>Mahsamund</b>	The use of ICM was found effective to manage the weed over the traditional method by solving the problem of unavailability of labour in time.

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

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Mahasamund	FW	Field visit & Group Discussion	Kharif	38
Mahasamund	FW	Field visit & Group Discussion	Rabi	49

#### Abbreviation Used

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

RYH	Rural Youth
EXP	Extension Personnel

## 5. TRAINING PROGRAMMES

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

**Table 5.1. Details of Training programmes conducted by the KVKs**

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Mahasamund	FW	ONC	WOE	Training on minimizing nutrient loss in processing	01	01	0	04	0	09	0	06	0	0
Mahasamund	FW	ONC	WOE	Training on value addition in surplus	01	01	0	04	0	20	0	05	0	0
Mahasamund	FW	ONC	WOE	Training on fruit and vegetable processing	01	01	0	0	0	19	0	06	0	06
Mahasamund	FW	ONC	WOE	Training on nutrient loss in vegetables	01	01	0	0	0	01	0	01	0	14
Mahasamund	FW	ONC	WOE	Training on Design and development of low/minimum cost diet	01	01	0	0	0	0	0	0	0	15
Mahasamund	FW	ONC	WOE	Training on Household food security by kitchen gardening and nutrition gardening	01	01	0	0	0	03	0	13	0	32
Mahasamund	FW	ONC	WOE	Training on Mushroom Production and Processing Technology	01	01	0	0	0	0	0	17	0	06
Mahasamund	FW	ONC	WOE	Training on Household food security by kitchen gardening and nutrition gardening	01	01	0	0	0	03	0	13	0	32
Mahasamund	FW	ONC	WOE	Training on reducing drudgery.	01	01	0	03	0	01	0	04	0	16
Mahasamund	FW	ONC	WOE	Training on income generation activities for women empowerment.	01	01	0	06	0	03	0	07	0	01
Mahasamund	FW	ONC	WOE	Training on mushroom production	01	01	0	0	0	0	0	02	0	09
Mahasamund	FW	ONC	WOE	Training on food security through nutrition gardening.	01	01	0	04	0	01	0	02	0	13
Mahasamund	FW	ONC	WOE	Training on mushroom spawn production technology	01	01	0	02	0	0	0	05	0	13
Mahasamund	FW	ONC	WOE	Training on Household food security by kitchen gardening	01	01	0	09	0	04	0	02	0	11

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				and nutrition gardening Household										
Mahasamund	FW	OFC	FIS	Role of Plankton in nursery pond managment	02	01	1	0	6	7	9	13	4	0
Mahasamund	FW	OFC	FIS	Importance of lime in fish pond	01	01	0	0	3	2	8	4	16	0
Mahasamund	FW	OFC	FIS	Suitable fish species in composite fish culture.	01	01	2	0	14	2	12	3	6	2
Mahasamund	FW	OFC	FIS	Different type of natural feeds in fish pond	01	01	2	0	3	0	10	0	17	0
Mahasamund	FW	OFC	FIS	Proper stocking of fingerlings in composite fish culture.	01	01	3	0	6	0	5	0	7	0
Mahasamund	FW	OFC	FIS	Different supplementary feeds and its application.	01	01	2	0	4	0	9	0	17	0
Mahasamund	FW	OFC	FIS	Type of feeding methods to fish	01	01	1	0	2	0	5	1	10	0
Mahasamund	FW	OFC	FIS	Physico-chemical parameters of fish pond.	01	01	1	0	4	0	7	2	7	0
Mahasamund	FW	OFC	FIS	Integrated fish farming models at village level	01	01	0	0	4	0	6	0	5	0
Mahasamund	FW	OFC	FIS	Different types of fish disease and their control	01	01	2	0	3	0	3	0	9	0
Mahasamund	FW	OFC	AEG	Water Management in Kharif Crops	01	01	6	0	8	0	14	0	8	0
Mahasamund	FW	OFC	AEG	Use of zero till seed cum fertilizer drill.	01	01	4	2	7	0	7	0	5	3
Mahasamund	FW	OFC	AEG	Use of tractor drawn rotavator for seed bed preparation.	01	01	7	0	10	0	6	0	14	0
Mahasamund	FW	OFC	AEG	Importance of mulching	01	01	5	0	7	0	6	2	4	1
Mahasamund	FW	OFC	AEG	Soilless protray nursery raising technique	01	01	4	0	8	0	6	0	10	0
Mahasamund	FW	OFC	AEG	Sprinkler irrigation systems	01	01	6	0	7	0	17	0	4	0
Mahasamund	RY	OFC	AEG	Small farm implements for farm women	01	01	3	0	7	3	8	0	4	0
Mahasamund	FW	OFC	AEG	Drip irrigation systems	01	01	5	0	7	-	8	0	5	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				Low head drip irrigation systems										

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries								
					Gen		SC		ST		Others		
					M	F	M	F	M	F	M	F	
Mahasamund	Training on mushroom cultivation	Mushroom cultivation	Alternative source of income	100 hrs								60	40
Mahasamund	Skill development on Fisheries	Fish seed production	Quality fish seed production	10								40	

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

Name of KVK	Training title	Self employed after training			Number of persons employed elsewhere
		Type of units	Number of units	Number of persons employed	

**Table 5.4. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Mahasamund	Krishak Sangwari Training	CRP			01	01			100							
Mahasamund	Herbal Aromatic Plant Training	CRP			01	01			50							
Mahasamund	Warehousing Training	CRP						45								

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

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

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

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	

## 6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Mahasamund	Field Day	12	12									
Mahasamund	Kisan Mela	02	-									
Mahasamund	Kisan Ghosthi	10	10									
Mahasamund	Exhibition	3	1									
Mahasamund	Film Show	5	2									
Mahasamund	Method Demonstrations	4	3									
Mahasamund	Farmers Seminar											
Mahasamund	Workshop											
Mahasamund	Group meetings											
Mahasamund	Lectures delivered as resource persons	12	12									
Mahasamund	Newspaper coverage	30	20									
Mahasamund	Radio talks	4	2									
Mahasamund	TV talks	2	1									
Mahasamund	Popular articles	4	4									
Mahasamund	Extension Literature	3	3									
Mahasamund	Farm advisory Services											
Mahasamund	Scientific visit to farmers field	20	20									
Mahasamund	Farmers visit to KVK	30	1100									
Mahasamund	Diagnostic visits	10	10									
Mahasamund	Exposure visits	02	02									
Mahasamund	Ex-trainees Sammelan											
Mahasamund	Soil health Camp											
Mahasamund	Animal Health Camp											
Mahasamund	Agri mobile clinic											
Mahasamund	Soil test campaigns											
Mahasamund	Farm Science Club conveners meet											
Mahasamund	Self Help Group conveners meetings											
Mahasamund	Mahila Mandals conveners meetings											
Mahasamund	Celebration of important days (World environment day)	5	5	200								



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

### 7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Mahasamund	Apr-Jun, 2014	3 Months	500	500
Mahasamund	Jul-Sep, 2014	3 Months	500	500
Mahasamund	Oct-Dec, 2014	3 Months	500	500
Mahasamund	Jan-Mar, 2015	3 Months	500	500

### 7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies

### 7.3 Details of Electronic Media Produced

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

## 8. Production and supply of Technological products

### 8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mahasamund	Agronomy	Greengram	Hum-16	2.67			
Mahasamund		Sesamum	TKG-306	7.05			
Mahasamund		Safflower	JSI7				0.4
		Mustard	Chhatisgarh Sarson				0.4

### 8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mahasamund	Horticulture	Sweet Potato	Shree Rethna, Shree Badhra, Indira Madhur, Indira Navin, ) Indria Nandhini, Moringa PKM-1/PKM-2	500	250	10	0.1
Mahasamund	Horticulture	Turmeric	Narendra Haldi -1	2 q			
Mahasamund	Horticulture	Colocasia	Indria Arbi-1	3 q			

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

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mahasamund	Bio Fertilizer	Vermi Compost	150 q				
Mahasamund	Bio Fertilizer	Nadep Compost	200 q				
Mahasamund	Bio Fertilizer	Azolla	20 q				
Mahasamund	Bio Fertilizer	FYM	100 q				

### 8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre )	Value (Rs.)	No. of Beneficiaries
Mahasamund	Cow	Gir	Milk	750	Rs.36/lit	20
Mahasamund	Goat	Barberi	Meat			

## 9. Activities of Soil and Water Testing Laboratory

### 9.1 Details of soil samples analyzed so far:

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

### 9.2 Details of water samples analyzed so far :

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

## 10. Rainwater Harvesting

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

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

## 11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)

## 12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
	-	-	-	-	-

## 13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mahasamund	18-06-2014	30	<ol style="list-style-type: none"> <li>1. Different SMSs posted in KVK should visit farmers field after getting the information regarding problems in farmers field and give solution to them.</li> <li>2. Crop related demonstration unit should be established in KVK farm</li> <li>3. Promote groundnut in place of wheat</li> <li>4. To promote riverbed cultivation of fruits and vegetables in summer, technology should be demonstrated and suggestion to the farmers.</li> <li>5. Training should be conducted for the technology assessed or demonstrated through OFT and FLD respectively.</li> <li>6. Soil testing facility should be provided</li> <li>7. Improved variety of groundnut should be made available to the farmers</li> <li>8. Formation of project for cultivation of vegetable using micro irrigation through SHG</li> <li>9. Recommendation for improved variety of black gram and package of practice.</li> <li>10. Demonstration should be made for zero-seed-cum fertilizer drill, seed-cum-fertiliser drill, paddy transplanter for promotion of agricultural mechanization</li> <li>11. In view of status of farm, dry land horticultural crop should be incorporated and develop as demonstration unit</li> </ol>

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Mahasamund	58	5172	38	Farmers Portal	Useful suggestions given to the farming community through KMS by KVK

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

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Mahasamund	ATMA(Krishak Sangwari)	State	40,000	Training	On Campus	
Mahasamund	ATMA(VTP)	State	2,70,000	Training	On Campus	
Mahasamund	Others (Plz. Specify)	NFDB	90,000	Training	On Campus	

## 16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Mahasamund	63011331023			

## 17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Mahasamund	Farmers (3)	Farmer fellowhip Award	IGKV	15,000

## 18. Details of KVK Agro-technological Park .

### a) Have you prepared layout plan, where sent?

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

### b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Mahasamund	Crop Cafeteria	Kharif- Sweet Potato , Turmeric, Colocassia, Greengram, Blackgram, Til, Niger, Ragi, Rice, Maize, Ground nut Rabi - Wheat, Sweet Potato, ChickPea, Pea, Maize, Groundnut, Mustard, Linseed, Lathyrus
	Technology Desk	To display Kharif and Rabi Seeds
	Visitors Gallery	Yes
	Technology Exhibition	Yes
	Technology Gate-Valve	Yes

**c). Crop Cafeteria-**

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Agronomical Crop	30
2	Horticultural Crop	40
3	Fodder Crop	05

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Mahasamund	Shri Prashant Kumar Prohit	To cultivate paddy straw mushroom round the year.	Village Kishanpur , Thana Pithora, District Mahasamund Mob-no: 7049903805
2	Mahasamund	Shri Nand Kumar Dewangan	Mini Tractor	Ward No. 13, Gondpara, Mahasamund
3	Mahasamund	Shri Jitendra Chandrakar	Rice-Soybean System	Paraswani, Post-Birkoni, Mahasamund
4	Mahasamund	Shri Jitendra Patel	Mini Harvester	Jhalap, Post-Jhalap, Mahasamund

**20. KVK interaction with progressive farmers**

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	20-August-2014	15

**21. Outreach of KVK**

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Mahasamund	3	2	10	1070

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

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

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### 23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
Mahasamund	Dhamtari	Mushroom Cultivation, Fisheries	
Mahasamund	Gariyaband	Sharing Farm Equipments like implements, tractor	

### 24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Mahasamund	Shri Agni Chandrakar	20.05.14				Ex. MLA, Mahasamund
Mahasamund	Dr.Vimal Chopra	10.09.14				MLA, Mahasamund
Mahasamund	Dr. M.P. Thakur	15.09.14				DES, IGKV, Raipur
Mahasamund	Dr. S. Patel	15.09.14				IGKV, Raipur
Mahasamund	Smt. S. Samazdar	15.03.15				CEO, Zilla Panchayat
Mahasamund	VTP visitors					
Mahasamund						

### 25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Mahasamund	Feb 2014(www.kvkmahasamundcg.org)	52	

### 26. E-CONNECTIVITY

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

### 27. Status of RTI

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

1	Mahasamund	NIL	NIL	
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## 28. Status of Citizen Charter

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

## 29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Smt. Punitha Kartikeyan	Programme Assistant(Computer)	01	Brainstorming Programme at ZPD Zone –VII, Jabalpur 2014
Mahasamund	Er. Ravish Keshri	Subject Matter Specialist(SWE)	01	Orientation programme of newly appointed Subject Matter Specialist 14-16 Jan 2015
Mahasamund	Shri Manish Kumar Singh	Subject Matter Specialist(Agronomy)	01	Orientation programme of newly appointed Subject Matter Specialist 14-16 Jan 2015
Mahasamund	Shri S.K. Markam	Subject Matter Specialist	01	Orientation programme of newly appointed Subject Matter Specialist 14-16 Jan 2015
Mahasamund	Shri Manish Kumar Singh	Subject Matter Specialist(Agronomy)	01	Training programme on certification and internal control system management 09-13/12/14

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Mahasamund	5	5

## 30. Attended HRD Programmes organized by DES



Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Dr. S.K. Verma	PC	12	Review Meeting
Mahasamund	Dr. Rekha Singh	SMS, Home Science	1	
Mahasamund	Shri Manish Kumar Singh	Subject Matter Specialist(Agronomy)	1	Drought Risk and Its Mitigation in Agriculture 05-10 Feb 2015
Mahasamund				

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Mahasamund	14	3

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

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

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

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

Name of KVK	Alert observed	Particulars	Reported to organization

### 33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Mahasamund	Technology demonstration Kharif Crops	10	200	All Kharif Crops, Vermicompost, Nadep, Azolla and Animal Unit

Mahasamund	Technology demonstration Rabi Crops	20	250	All Rabi Crops, Vermicompost, Nadep, Azolla and Animal Unit, Nutrition Garden
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### 34. INTERVENTIONS ON DROUGHT MITIGATION

#### Introduction of alternate crops/varieties

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

#### Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

#### Farmers-scientists interaction on livestock management

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

#### Animal health camps organized

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

#### Seed distribution in drought hit states

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

#### Seedlings and Saplings distributed

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

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### Bio-control Agents

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

### Bio-Fertilizer

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

### Verm Produced

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

### Large scale adoption of resource conservation technologies

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

### Awareness campaign

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

## 35. Proposal of NICRA

### 1. Technologies to be Demonstrated

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

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

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

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

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

**4. Proposed Activities for Fodder Bank**

Established (Years)	Capacity	Current Status

**5. Proposed Activities for Seed Bank**

Established (Years)	Capacity	Current Status

**6. Public Representative/District Administration Visited in NICRA Village**


Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors


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

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

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

Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	<b>Mahasamund</b>	<p>A farm of Shri Sanjay Chandrakar is situated at BTI Road, Mahasamund. Since 2000 he has started farming. He is Diploma in Electrical Engineering. After dissatisfaction in previous job, he started farming in 2.5 acre for rice cultivation. During starting phase the productivity of rice was about 30 quintal per hectare. After one and half year he got about 55-60 quintal per hectare. Now he has taken seed production programme of rice and selling it to Beej Vikas Nigam , Mahasamund and getting good price of seed production. Then he went to training programme at Bangalore for drip irrigation system in horticulture department. Before training programme was followed flood irrigation system for different vegetable crops in about 5 acres. After getting training he started drip irrigation system for cultivating vegetable crops. After attending the training programme he was confident and he is increasing the cultivation area from 5 acre to 25 acre. Now a day he has taken maize crop through drip irrigation system. One year back he got 50-60 quintal per hectare of maize and now he is expecting 100 quintal per hectare yield of maize crop. By cultivation through drip irrigation system he is so excited and he wants to expand the farming system as a small scale business.</p>	

2	Mahasamund	<p style="text-align: center;"><b>किया गया नवोन्वेषी कार्य</b></p> <p style="text-align: center;"><b>पैरा मशरूम उत्पादन</b></p> <p>मेरा नाम प्रशांत पुरोहित है और मैं ग्राम किसनपुर , पिथोरा का एक कृषक हूँ। दो वर्ष पहले मैंने पैरा मशरूम उत्पादन के बारे में सुना , जिज्ञासा बढ़ने के बाद मैंने स्वयं पैरा मशरूम उत्पादन करना आरंभ किया, उपपादन इकाई मैंने मेरे घर पर ही स्थापित की है। पहले ही वर्ष के उत्पादन मे मैंने लगभग 50000/- रुपयों के मशरूम की बिक्री की , उत्पाद की बिक्री के लिए मैंने व्यक्तिगत रूप से लोगों से संपर्क किया , उसके पश्चात मेरा सारा उत्पाद मेरे गाँव के आस-पास ही बिक जाता है। इस प्रकार विगत दो वर्षों से मैं तीन मजदूरों की सहायता से पैरा मशरूम का उत्पादन सफलतापूर्वक कर रहा हूँ।</p> <p>नाम - श्री। प्रशांत पुरोहित  पता - ग्राम- किसनपुर  वि. ख. - पिथोरा  ज़िला- महासमुंद - छ. ग., फोन-  07049903805/ 07771054123</p>	
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38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –



**Vocational Training Programme on Mushroom Spawn Production**



**Training programme on community tank management for fish seed production sponsored by NFDB, Hyderabad**



**On farm trial on farmers field**



**Front line demonstrations**





