

# ANNUAL PROGRESS REPORT

April 2017 to March 2018



**Krishi Vigyan Kendra, Bemetara (C.G.)**



# Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2017-18	4-5
1	General Information	6-8
2	On Farm Testing	9-13
3	Achievements of Frontline Demonstrations	14-19
4	Documentation of the need assessment conducted by the KVK for the training programme	19-20
5	Training programmes	21-25
6	Extension Activities	26-27
7	Literature Developed/Published (with full title, author & reference)	27
8	Production and supply of Technological products	28
9	Activities of Soil and Water Testing Laboratory	29
10	Rainwater Harvesting	30
11	Utilization of Farmer Hostel facilities	30
12	Utilization of Staff Quarter facilities	30
13	Details of SAC Meeting	30
14	Status of Kisan Mobile Advisory	30
15	Status of Convergence with agricultural schemes	31
16.	Status of Revolving Funds	31
17.	Awards & Recognition	31
18.	Details of KVK Agro-technological Park	31
19.	Farm Innovators	32
20.	KVK interaction with progressive farmers	32
21.	Outreach of KVK	32
22.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	32
23.	KVK Ring	32
24.	Important visitors to KVK	33
25.	Status of KVK Website	33
26.	Status of E-connectivity	33
27.	Status of RTI	33
28.	Status of Citizen Charter	33
29.	Attended HRD activities organized by ZPD	34
30.	Attended HRD activities organized by DES	34
31.	Attended HRD activities by KVK Staff	34
32	Agri Alert report	34
33.	Details of Technological Week Celebration	35-36
34.	Interventions on Drought Mitigation	36-38
35.	Proposal of NICRA	38-39
36.	Proposed works under NAIP	39
37.	Case study / Success Story to be developed	39
38.	Action Photographs	40-59

## **Instructions for Filling the Format**

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

## REPORTING PERIOD – April 2017 to March 2018

### Summary of KVK Annual Report (Quantifiable Achievement) for the year 2017-18

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
<b>1</b>	<b>On Farm Testing</b>			
	Proposed OFT	08		40
	On Going OFT			
	Technologies assessed (Completed OFT)			
	Technologies refined	08		40
	On farm trials conducted			
<b>2</b>	<b>Frontline demonstrations</b>			
	Proposed Frontline demonstrations	04		20
	On Going Frontline demonstrations			
	FLDs conducted on crops	04		
	Area under crops (ha.)	08 hac		
	FLD on farm implement and tools			
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)			
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)			
	FLD on Women in Agriculture - ( Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
<b>3</b>	<b>Training programmes</b>	<b>No. of Course</b>	<b>Duration (days)</b>	<b>Participants</b>
	Farmers	53	53	1200
	Farm women	11	11	267
	Rural youth	07	10	203
	Extension personnel/ In service			
	Vocational trainings	02	90	41
	Sponsored Training	02	7	63
	<b>Total</b>			
		<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)			
	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.)			
	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)		02	01
	Publications ( Res. Paper/ pop. Art./Bulletin,etc.)			
	KVK News letter			
	SAC Meetings conducted		01	46
	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)			
	Convergence programmes			
	Sponsored programmes			
	KVK Progressive Farmers interaction		10	
	No. of Technology Week Celebrations			
	Attended HRD activities organized by ZPD			
	Attended HRD activities organized by DES			
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc. )			
9	Current status of Revolving Funds ( Amt. in Rs.)			145000.00
10		<b>No. of blocks</b>	<b>No. of villages</b>	
	Outreach of KVK in the District	04	714	
11		<b>ICAR</b>	<b>SAU</b>	<b>Others</b>
	No. of important visitors to KVK (nos.)	01	03	06
12		<b>Working (Yes/No)</b>	<b>No. of Update</b>	
	Status of KVK Website	yes	01	
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			
16		<b>Filled</b>	<b>Vacant</b>	
	Staff Position	06	11	
17	Workshop/ Seminar/ Conference attended by staff of KVK ( nos)	07		
18	Publication received from ICAR /other organization (nos.)	-		
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, 2018

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Bemetara (C.G.)	16	01	01	06	02	03	01	06	02	16	06

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Bemetara	Senior Scientist & Head	Dr. C.R. Netam	Agronomy	Ph.D.	Agronomy	8000-13500	13650	31-03-2017	Temporary	ST
	Subject Matter Specialist1	Mrs. Kunti	Horticulture	M.Sc.	Horticulture	15600-39100 AGP- 5400	21000	01-05-2017	Permanent	SC
	Subject Matter Specialist2	Shri Ranjeet Modi	Entomology	M.Sc.	Entomology	15600-39100 AGP- 5400	21000	15-05-2017	Permanent	GEN
	Subject Matter Specialist3	Vacant	-	-	-	-	-	-	-	-
	Subject Matter Specialist4	Vacant	-	-	-	-	-	-	-	-
	Subject Matter Specialist5	Vacant	-	-	-	-	-	-	-	-
	Subject Matter Specialist6	Vacant	-	-	-	-	-	-	-	-
	Programme Assistant (Computer)	Shri Shiv Kumar Sinha	Prog. Assi. (Computer)	M.A.	Prog. Assi. (Computer)	9300-34800 AGP- 4200	13500	03-05-2017	Permanent	OBC
	Farm Manager	Vacant	-	-	-	-	-	-	-	-
	Computer Programmer	Vacant	-	-	-	-	-	-	-	-
	Accountant / superintendent	Shri Chaitram Sahu	AG-I	12 <sup>th</sup>	AG-I	5200-20200 AGP -2800	10780	04-09-2017	Permanent	OBC
	Stenographer	Vacant	-	-	-	-	-	-	-	-
	Driver	Shri Panchu Ram Yadav	Driver	12 <sup>th</sup>	Driver	5200-20200 AGP-1900	7100	11-05-2017	Permanent	OBC
	Driver	Vacant	-	-	-	-	-	-	-	-
	Supporting staff	Vacant	-	-	-	-	-	-	-	-
Supporting staff	Vacant	-	-	-	-	-	-	-	-	

**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
Bemetara	Plain	04	175	795759	70	40516	186939	5 hac

**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)
Bemetara	Jhal	2017	Bemetara	01	3300	638

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

KVK Name	THRUST AREA
Bemetara	Popularizing of High Yielding varieties of Cereals, Oilseed, Pulses and vegetables
	Enhancing productivity of horticultural crops thorough crop diversification.
	Planting Pattern of Vegetables & Commercial Crops
	Integrated Nutrient management in food and fruit crops.
	Improvement of soil health though popularization of Organic Farming.
	Quality seed production programme. Direct seeding technology, laser levelling, use of paddy transplanted and zero/minimum till in rice-wheat/mustard cropping sequence
	Capacity building of Rural Youth and women through vocational training for taking up of income generating activity through SHG.
	Empowerment of farm women and rural youth with skill enhancement
	Market led extension
	Developing farm management skills Scientific Livestock Management with appropriate feeding, breeding and health management practices.

**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>	<b>Location Name of Village &amp; Block</b>
<b>Bemetara</b>	Poor yield in Soybean due to severe weed problem.	During group discussion with formers	<u>Lolesara, Madai, Majgaon, Marjadpur, Marka, Martara, Matka, Mau Modhe Moharenga Mohlai</u>
	Poor yield in Soybean due to severe incidence of Girdle beetle and infestation of Tobacco Cater pillar.	During group discussion with formers	<u>Amlidih, Amora, Andu, Arjuni, Atariya, Bahera Jhal, Berla, Saaja, Lolesara, Madai, Majgaon, Marjadpur, Marka, Martara, Matka, Mau Modhe Moharenga Mohlai</u>
	Incidence of fruit borer in Tomato and infestation of Leaf curl virus in tomato.	During group discussion with formers	<u>Navagarh Rajkudi, Rampur, Raurpur, Raweli, Sanakpar, Sanakpat, Sanwatpur, Sarangpur, Semariya, Sendri Singhanpuri, Singpur</u>
	Imbalance use of fertilizer	During group discussion with formers & visit	<u>Rajkudi, Rampur, Raurpur, Raweli, Sanakpar, Sanakpat, Sanwatpur, Sarangpur, Semariya, Sendri Singhanpuri, Singpur</u>
	No Use of improves implements	During group discussion with formers & visit	<u>Lolesara, Madai, Majgaon, Marjadpur, Marka, Martara, Matka, Mau Modhe Moharenga Mohlai</u>
	Poor yield due to local seed and planting material	During group discussion with formers & visit	<u>Amlidih, Amora, Andu, Arjuni, Atariya, Bahera Jhal, Berla, Saaja, Lolesara, Madai, Majgaon, Marjadpur, Marka, Martara, Matka, Mau Modhe Moharenga Mohlai</u>
	Un employment of rural youth and women	During group discussion with formers & visit	<u>Amlidih, Amora, Andu, Arjuni, Atariya, Bahera Jhal, Berla, Saaja, Lolesara, Madai, Majgaon, Marjadpur, Marka, Martara, Matka, Mau Modhe Moharenga Mohlai</u>



## 2. On Farm Testing (OFT)

### Note-

- Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.
- Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.
- Don't press enter key to navigate among column use arrow or tab key
- don't add space before or after statement within the table cell
- Kindly mention realistic estimated yield of your crop under trail.
- If crop has been not yet harvested, mark it \* on that

### 2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T3	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T3	
Bemetara	2017-18	Kharif	Low yield due to indiscriminate variety & poor management practices	Assessment of improved variety of Cowpea	Assessment	ICM	Cowpea	Rain fed	04	48.32	29.60	-	31505	64100	-	Improved variety- Indira Barbati lal
Bemetara	2017-18	Kharif	Low Yield due to Use of Deshi Sem	Varietal Assessment of Indian bean	Assessment	ICM	Indian bean	Rain fed	04	86.16	132.64	124.26	40886	75558	67148	Improved varieties- Indira Sem-1 Indira Sem -2
Bemetara	2017-18	Rabi	Heavy Infestation of early and late blight	Assessment of chemical fungicide for the control of early and	Assessment	IDM	Tomato	Irrigated	04	189.19	329.38	-	55927	118401	-	-

				late blight of Tomato												
Bemetara	2017-18	Rabi	Low yield due to local variety	Varietal Assessment of Bitter Gourd VNR NO. 22	Assessment	ICM	Bitter Gourd	Irrigated	04	86.44	145.24	-	49768	102710	-	VNR-NO. 22
bemetara	2017-18	Kharif	Low yield due to heavy infestation of paddy stem borer	Assessment of IPM against Stem borer of paddy	Assessment	PCM	Paddy	irrigated	05	30	42		19000	33000		Swarna
bemetara	2017-18	Kharif	Low yield due to insect pest of soybean	Assessment of IPM against soybean pest	Assessment	PCM	Soybean	Irrigated	05	2.5	3.5		--	-		Js 9752
bemetara	2017-18	Rabi	Low yield due to insect pest of brinjal	Assessment of IPM against insect pest of Brinjal	Assessment	PCM	Brinjal	Irrigated	05	140.3	260		75305	162400		VNR 212
bemetara	2017-18	Rabi	Low yield due to insect pest of Chickpea	Assessment of IPM against insect pest of Chickpea	Assessment	PCM	Chickpea	Irrigated	05	10.5	18		21600	35400		Jaki 5218

## 2.2 Economic Performance

### 2.3

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> )	RP (T <sub>2</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> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Bemetara	Assessment of improved variety of Cowpea	No. of pods per plant, length pod yield q/ha, B:C ratio	17.22	28.41	27695	31540	-	59200	96640	-	31505	64100	-	2.14	3.06	-
Bemetara	Varietal Assessment of Indian bean	No. of pods/ Inflorescence , No. of Pod /fruit yield q/ha, B:C ratio	12.74	22.34	28042	33554	32260	68928	106112	99408	40886	725558	67148	2.45	3.16	3.08
Bemetara	Assessment of chemical fungicide for the control of early and late blight of Tomato	No. of fruit per plant, yield q/ha, B:C ratio	82.00	132.66	38668	46289	-	94595	164690	-	55927	118401	-	2.44	3.55	-
Bemetara	Varietal Assessment of Bitter Gourd VNR NO. 22	Fruit weight /fruit,yield q/hac,B:C ratio	86.44	145.24	36672	42530		86440	145240		49768	102710		2.35	3.41	
Bemetara	Assessment of IPM against	No..of deadheart/ Plant	30	42	26000	30000		45000	63000		19000	33000		.73	1.1	

	Stem borer of paddy															
Bemetara	Assessment of IPM against soybean pest	No. of pod damage / plant	2.5	3.5	12000	18000		7500	10500	-	-			-	-	
Bemetara	Assessment of IPM against insect pest of Brinjal	No. of damage fruit /plant	140.3	260	36935	45600		112240	208000	75305	162400			2.0	3.5	
Bemetara	Assessment of IPM against insect pest of Chickp	No of damage pod/plant	10.5	18	16000	24000		34600	59400	21600	35400			1.2	1.4	

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

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

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

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

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

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

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

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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)						Anthropometric measurements							
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm )		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

**2.5 Feedback from KVK to Research System**

Name of KVK	Feedback
Bemetara	Farmers of Bemetara wants substitute of soybean, problem of monkey ,drought resistant variety

### 3. Achievements of Frontline Demonstrations (FLD)

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Bemetara	Demonstration on Banana Variety with Fertigation	Varietal Demonstration	Improved HYV- G-9	Fertigation techniques with improved package of practices	3	05	2.0 ha
Bemetara	Demonstration on Onion Variety Bhima Shakti	Varietal Demonstration	Improved Variety- Bhima Shakti	Proper Specing, Balance dose of fertilizer	2	05	2.0 ha
Bemetara	Demonstration on Coriander Variety Pant Haritima	Varietal Demonstration	Improved Variety – Pant Haritima	Proper Specing, Balance dose of fertilizer	2	05	2.0 ha
Bemetara	Demonstration of Stacking techniques in Tomato Laxmi-5005	Varietal Demonstration	Stacking Techniques- Indeterminate variety of Laxmi 5005	Stacking techniques	2	05	2.0 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
- Kindly mention realistic estimated yield of your crop under Demonstration.
- If crop has been not yet harvested, mark it \* on that

### 3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/En- treprizes	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
Bemetara	2017-18	Kharif	Varietal Evaluation	Varietal demonstration	Banana	G-9	2.0	366.06	650.26	77.63	05	-	04	03	12
	2017-18	Kharif	Varietal Evaluation	Varietal demonstration	Onion	Bhima Shakti	2.0	162.33	286.54	76.51	03	-	06	03	12
	2017-18	Rabi	Varietal Evaluation	Varietal demonstration	Coriander	Pant Haritima	2.0	7.59	12.96	70.75	07	-	05	-	12
	2017-18	Rabi	ICM	Variety + Stacking techniques	Tomato	Laxmi 5005	2.0	196.26	355.72	81.24	04	-	04	04	12

### 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> )
Bemetara	Varietal demonstration	Banana	Bunch weight/ plant, yield q/ha, B:C ratio	16.40	25.50	110000	125000	256242	455182	146242	330182	2.32	3.64
	Varietal demonstration	Onion	Bulb weight (g) per plant, yield q/ha, B:C ratio	40.34	65.55	34367.64	39986.27	81165	143270	46797.36	103283.73	2.36	3.58
	Varietal demonstration	Coriander	No. of seeds per Umbel, yield q/ha, B:C ratio	16.73	24.41	28624	32896	53130	90720	24506	57824	1.85	2.75
	Variety + Stacking techniques	Tomato	No. of fruit per plant, yield q/ha, B:C ratio	78.84	129.54	38984	48567	98130	177860	59146	129293	2.51	3.66

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

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

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

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

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

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

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



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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm )		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

**3.6 Training and Extension activities proposed under FLD**

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Bemetara	Cowpea	Field days	01	50	
		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	01	30	
Bemetara	Indian bean	Field days	01	50	
		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	-	30	
Bemetara	Elephant foot yam	Field days	01	50	
		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	01	30	
Bemetara	Mushoom Cultivation	Field days	01	50	

		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	01	30	
Bemetara	Coriander	Field days	01	50	
		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	01	30	
Bemetara	Soybean	Field days	01	50	
		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	01	30	
Bemetara	Chick pea	Field days	01	50	
		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	01	30	
Bemetara	Brinjal	Field days	01	50	
		Farmers Training	02	30	
		Media coverage	02	Mass	
		Training for extension functionaries	01	30	

### 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
Bemetara	Varietal intervention	Stacking, fertigation, cuse of pesticide	Yield increase	Farmers are happy and ready to adopt
Bemetara	IPM	IPM Tools	Yield increase	Farmers are happy and ready to adopt
Bemetara	IDM	Control disease	Yield increase	Farmers are happy and ready to adopt

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

Name of KVK	Feedback basic of OFT on Technology Tested
Bemetara	Farmers of Bemetara wants substitute of soybean
Bemetara	Problem of monkey ,
Bemetara	Drought resistant variety

### 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

**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

## 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
Bemetara	FW	ONC	CP	Package of practices of cereals, oil-seed & pulse crop	6	1	180	15	4		--	--		
Bemetara	FW	ONC	HOV	Nursery management of vegetable crops	2	1	60	20			--	--		
Bemetara	FW	ONC	HOF	Production technology of fruits Crop	01	01	25	5			--	--		
Bemetara	FW	ONC	HOO	Package of practices of ornamental crop	2	1	40	15			--	--		
Bemetara	FW	ONC	HOP								--	--		
Bemetara	FW	ONC	HOT	Package of practices of tubers crops	2	1	40	10			--	--		
Bemetara	FW	ONC	HOS								--	--		
Bemetara	FW	ONC	HOM								--	--		
Bemetara	FW	ONC	SFM	Soil fertility management	2	1	40	08			--	--		
Bemetara	FW	ONC	LPM	Milk Production and Management of Dairy Farm	1	1	50	05			--	--		
Bemetara	FW	ONC	WOE	Formation of SHGs	1	1	20	07			--	--		
Bemetara	FW	ONC	AEG	Use of improved implements	1	1	25				--	--		
Bemetara	FW	ONC	PLP	Integrated pest & disease management in crops	4	1	80	10			--	--		
Bemetara	FW	ONC	FIS	Pond Management and Production of finger lings	02	01	40	-			--	--		
Bemetara	FW	ONC	PIS								--	--		
Bemetara	FW	ONC	CBD	Formation and management of SHG's	03	01	45	41			--	--		
Bemetara	FW	ONC	AGF								--	--		
Bemetara	FW	ONC	OTH								--	--		
Bemetara	FW	OFC	CP	Package of practices of cereals, oil-seed & pulse crop	14	1	175	65			--	--		

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
Bemetara	FW	OFC	HOV	Nursery management of vegetable crops	2	1	40	08			--	--		
Bemetara	FW	OFC	HOF	Improved Package of practices of Fruits Crops	02	01	40	03			--	--		
Bemetara	FW	OFC	HOO	Improve Package of practices of Ornamental Crops	02	01	40	02			--	--		
Bemetara	FW	OFC	HOP								--	--		
Bemetara	FW	OFC	HOT	Package of practices of tubers crops	2	1	40	--			--	--		
Bemetara	FW	OFC	HOS								--	--		
Bemetara	FW	OFC	HOM								--	--		
Bemetara	FW	OFC	SFM	Soil fertility management	2	1	40	--			--	--		
Bemetara	FW	OFC	LPM	goat production & Management	1	01	25	15			--	--		
Bemetara	FW	OFC	WOE	Formation of SHGs	1	1	20	05			--	--		
Bemetara	FW	OFC	AEG	Use of improved implements	1	1	20	04			--	--		
Bemetara	FW	OFC	PLP	Integrated pest & disease management in crops	4	1	80	12			--	--		
Bemetara	FW	OFC	FIS	Pond treatment and feeding management of diffident fishes	02	01	40	--			--	--		
Bemetara	FW	OFC	PIS								--	--		
Bemetara	FW	OFC	CBD	Formation and management of SHG's							--	--		
Bemetara	FW	OFC	AGF								--	--		
Bemetara	FW	OFC	OTH	Mushroom production	2	2	40	--			--	--		
Bemetara	RY	ONC	CP	Cultivation technique of cerial crop	05	1	65	25			--	--		
Bemetara	RY	ONC	HOV	Nursery management of vegetable crops	02	1	40	10			--	--		
Bemetara	RY	ONC	HOF								--	--		
Bemetara	RY	ONC	HOO	Package of practices of ornamental crop	2	2	40	06			--	--		
Bemetara	RY	ONC	HOP								--	--		
Bemetara	RY	ONC	HOT	Package of practices of tubers crops	02	1	30	03			--	--		

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
Bemetara	RY	ONC	HOS								--	--		
Bemetara	RY	ONC	HOM								--	--		
Bemetara	RY	ONC	SFM								--	--		
Bemetara	RY	ONC	LPM								--	--		
Bemetara	RY	ONC	WOE								--	--		
Bemetara	RY	ONC	AEG								--	--		
Bemetara	RY	ONC	PLP	Integrated pest & disease management in crops	2	1	40	06			--	--		
Bemetara	RY	ONC	FIS								--	--		
Bemetara	RY	ONC	PIS								--	--		
Bemetara	RY	ONC	CBD								--	--		
Bemetara	RY	ONC	AGF								--	--		
Bemetara	RY	ONC	OTH	Mushroom cultivation	04	2	80	05			--	--		
Bemetara	RY	OFC	CP	Package of practices in Cereal, Pulse and oil seed	3	1	60	--			--	--		
Bemetara	RY	OFC	HOV								--	--		
Bemetara	RY	OFC	HOF								--	--		
Bemetara	RY	OFC	HOO								--	--		
Bemetara	RY	OFC	HOP								--	--		
Bemetara	RY	OFC	HOT								--	--		
Bemetara	RY	OFC	HOS								--	--		
Bemetara	RY	OFC	HOM								--	--		
Bemetara	RY	OFC	SFM								--	--		
Bemetara	RY	OFC	LPM								--	--		
Bemetara	RY	OFC	WOE								--	--		
Bemetara	RY	OFC	AEG								--	--		
Bemetara	RY	OFC	PLP								--	--		
Bemetara	RY	OFC	FIS								--	--		
Bemetara	RY	OFC	PIS								--	--		
Bemetara	RY	OFC	CBD								--	--		
Bemetara	RY	OFC	AGF								--	--		
Bemetara	RY	OFC	OTH								--	--		
Bemetara	IS	ONC	CP	Package of practices of	4	2	60	08			--	--		

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
				ceareals, oil-seed & pulse crop										
Bemetara	IS	ONC	HOV								--	--		
Bemetara	IS	ONC	HOF								--	--		
Bemetara	IS	ONC	HOO	Package of practices of ornamental crop	1	1	30	07			--	--		
Bemetara	IS	ONC	HOP								--	--		
Bemetara	IS	ONC	HOT								--	--		
Bemetara	IS	ONC	HOS								--	--		
Bemetara	IS	ONC	HOM								--	--		
Bemetara	IS	ONC	SFM								--	--		
Bemetara	IS	ONC	LPM								--	--		
Bemetara	IS	ONC	WOE								--	--		
Bemetara	IS	ONC	AEG								--	--		
Bemetara	IS	ONC	PLP	Integrated pest & disease management in crops	2	1	50	08			--	--		

**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	
Bemetara	Training on value addition of fruits/vegetables, (Fruit & Vegetable Processing)	Enterprise	Value addition	90	--	--	--	12	--	--			09
Bemetara	Mushroom cultivation techniques	Mushroom	Employment generation for rural youth through Small scale income generating enterprises	30	--	--	11	--	--	--			09



**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	
Bemetara	Training on value addition of fruits/vegetables, (Fruit & Vegetable Processing)	--	--	--	--
Bemetara	Mushroom cultivation techniques	Mushroom unit	04	04	12

**Table 5.4. Sponsored Training Programmes – Nil**

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

**Table 5.5 Training Programmes for Panchayati raj Institutions Office-bearers & members - Nil**

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) – Nil**

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	Topics	Crop Stages
				M	F	M	F	M	F			
Bemetara	Advisory Services											
	Agri mobile clinic	--										
	Animal Health Camp	--										
	Awareness programme											
	Celebration of important days											
	Diagnostic visits	30										
	Exhibition	05										
	Exposure visits	05										
	Extension Literature	15										
	Ex-trainees Sammelan	--										
	Farm advisory Services	08										
	Farm Science Club conveners meet	--										
	Farmers Seminar/Workshop	02										
	Farmers visit to KVK	1000										
	Field Day	05										
	Film Show	03										
	Group meetings											
	Interface											
	Kharif Sammelan											
	Kisan Ghosthi	04										
	Kisan Mela	02										
	Krishi Gyan Doot meet											
	Krishi Mahotsav											
	Lectures delivered as resource persons	10										
Mahila Mandals conveners meetings												
Method Demonstrations	16											
Newspaper coverage	40											

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	Topics	Crop Stages
				M	F	M	F	M	F			
	Popular articles	10										
	Pradhanmantri phasal bema yojana											
	Radio talks	03										
	Scientific visit to farmers field	150										
	Self Help Group conveners meetings	01										
	Soil health Camp	01										
	Soil test campaigns	02										
	Summer deep ploughing											
	Technology Week											
	TV talks	01										
	Workshop	01										
	Group meetings	12										
	Others											

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

#### 7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed

#### 7.2 Literature developed/published - Nil

KVK Name	Type	Title	Author's name	Number of copies

#### 7.3 Details of Electronic Media Produced - Nil

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

## 8. Production and supply of Technological products

### 8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Bemetara	Cereals	-	-				
	Pulses	-	-				
	Vegetables	Drumstick	PKM-1, PKM-2	2500			
	Fruits	Papaya	Red lady	2000			

### 8.2 Planting Material production - Nil

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)

### 8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) - Nil

\* 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.)
	Bio Agents						
	Bio Agents						
	Bio Fertilizer						
	Bio Fertilizer						
	BIO PESTICIDES						
	BIO PESTICIDES						

#### 8.4 Livestock and fisheries production - Nil

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre )	Value (Rs.)	No. of Beneficiaries
Bemetara	Cattle	-	-	-	-	-
	Buffalo	-	-	-	-	-
	Sheep and Goat	-	-	-	-	-
	Poultry	-	-	-	-	-
	Fisheries	-	-	-	-	-
	Others (Specify)	-	-	-	-	-

#### 9. Activities of Soil and Water Testing Laboratory : Nil

##### 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 : Nil

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

**10. Rainwater Harvesting - Nil**

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

Name of KVK	Date	Title of the training course	Client (PF/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- Nil**

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 - Nil**

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
Bemetara	25.07.2017	47	On organic practices

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

KVK Name	No. of messages sent	No. of beneficiary		Number of villages covered	Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.			

**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
Bemetara	MGNREGA	KVK Bemetara	46.74	continue	KVK farm	Progress

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

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Bemetara	28360110052136	1,45,000	146773	NOT started

**17. Awards & Recognitions**

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Bemetara	Krishak Samridhi, young scientist /Mrs Kunti Banjare	Individual	Private, CIFA Bhuneshwar	Nil

**18. Details of KVK Agro-technological Park - Nil**

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

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

**b) Details about Technology Park - Nil**

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

**c). Crop Cafeteria - Nil**

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

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Bemetara	Maniram	Pepsi tube use in irrigation	Jhal ,7898591847
2	Bemetara	Holu Ram Sahu	Intercrop in Banana	Khilora,9753321993
3	Bemetara	Dukaru	Intercrop of various vegetable	Jhal, 9754259567
4	Bemetara	Rajan Vargis	Mushroom cultivation	Deori Sharda, 7000416113

### 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	27 August, 2017	12

### 21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Bemetara	1	3	11	40

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. - Nil

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

### 23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1.	Kawardha, Rajnangoan, Bemetara	• Knowledge sharing & SAC meeting PC & All SMS	SS&H & All SMS
		• Sharing mushroom spawn production. SMS Ent & Hort & SHG group	SS&H & All SMS
		• Integrated farming system model sharing	SS&H & All SMS



#### 24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Bemetara	Dr. S.K. Patil, Vice Chancellor, IGKV, Raipur	21.12.2017	--	--	IGKV, Raipur	Visit of KVK Farm
Bemetara	Dr. M.P. Thakur, Ex DES, IGKV, Raipur	27.10.2017	--	--	IGKV, Raipur	To look over the land leveling progress
Bemetara	Dr. A.L. Rathore, DES, IGKV, Raipur	06.04.2018	--	--	IGKV, Raipur	To look over the status of KVK

#### 25. Status of KVK Website: Yes

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Bemetara	29.08.2017	2	105

#### 26. E-CONNECTIVITY - Nil

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 - Nil

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

#### 28. Status of Citizen Charter - Nil

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

**29. Attended HRD Programmes organized by ZPD - Nil**

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
-	-	-	-	-
	<b>Total</b>			

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

**30. Attended HRD Programmes organized by DES - Nil**

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

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

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

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) - Nil**

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
Bemetara	Gosthies	2	85	
Bemetara	Lectures organised	15	600	
Bemetara	Exhibition	02	102	
Bemetara	Film show	02	800	
Bemetara	Fair	03	115	
Bemetara	Farm Visit	-	-	
Bemetara	Diagnostic Practicals	167	275	
Bemetara	Distribution of Literature (No.)	25	600	
Bemetara	Distribution of Seed (q)	-	-	
Bemetara	Distribution of Planting materials (No.)	-	-	
Bemetara	Bio Product distribution (Kg)	-	-	
Bemetara	Bio Fertilizers (q)	-	-	
Bemetara	Distribution of fingerlings	-	-	
Bemetara	Distribution of Livestock specimen (No.)	-	-	
Bemetara	Total number of farmers visited the technology week	06	335	
Bemetara	Animal health camp	-	-	
Bemetara	Awareness programme	06	300	
Bemetara	Cashless Transaction Week			
Bemetara	Celebration of important days (Parthenium eradication week, Swachhata Abhiyan and Soil Health Day, International Women Day, National Integrity Day, World environment day, World forestry day, World Water Day)	02	315	
Bemetara	Demonstration	04	40	
Bemetara	Exposure visit	03	102	
Bemetara	Extension activity	20	900	
Bemetara	Ex-trainees Meet	-	-	
Bemetara	Farmer scientist interaction	05	450	

Bemetara	Farmers Training	65	1574	
Bemetara	Field Day	02	60	
Bemetara	Field visit	105	115	
Bemetara	Gajarghans Unmulan Pakhwada	-	-	
Bemetara	Group Meeting	15	180	
Bemetara	Hindi diwas pakhwada	-	-	
Bemetara	Jai Kisan Jai Vigyan Sangoshthi	-	-	
Bemetara	Narmada sewa Yatra	-		
Bemetara	News Paper/Mass Media	35	1500	
Bemetara	Plant health camp	-	-	
Bemetara	Plant Protection Week	-	-	
Bemetara	Scientists visits in farmers field	105	115	
Bemetara	Seed treatment campaign	20	100	
Bemetara	Self Help Group convener meet	5	30	
Bemetara	Soil health Camp	02	80	
Bemetara	Swachha Bharat Abhiyan	-	-	
Bemetara	Technology Week	-	-	
Bemetara	Van Mahotsava	-	-	
Bemetara	Others (Pl. Specify)			

#### 34. INTERVENTIONS ON DROUGHT MITIGATION - Nil

##### Introduction of alternate crops/varieties

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

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

Name of KVK	Crops	Area (ha)	Number of beneficiaries

**Farmers-scientists interaction on livestock management - Nil**

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

**Animal health camps organized - Nil**

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

**Seed distribution in drought hit states - Nil**

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

**Seedlings and Saplings distributed - Nil**

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

**Bio-control Agents - Nil**

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

**Bio-Fertilizer - Nil**

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

**Vermis Produced - Nil**

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

**Large scale adoption of resource conservation technologies - Nil**

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
Bemetara	15	180	2	85	02	60	03	115	02	102	02	800

**35. Proposal of NICRA - Nil**

**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 - Nil**

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

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

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

**4. Proposed Activities for Fodder Bank - Nil**

Established (Years)	Capacity	Current Status

**5. Proposed Activities for Seed Bank - Nil**

Established (Years)	Capacity	Current Status

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

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

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

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

**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, 2-3 Photographs with caption in .jpeg format.**

Sr. No.	Name of KVK	No. of success stories	No. of case studies
1	Bemetara	01	-

Name of the KVK, Bemetara

TITLE, Crop Management

Introduction, Shri Mani Ram, Village Jhal

KVK intervention, Varietal Intervention on staking at bund

Output, 300000 earn

Out come 75-80000

Impact, Highly influenced the village by getting handsome money

2-3 Photographs with caption in .jpeg format.

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

# Krishi Vigyan Kendra, Bemetara (C.G.)

## Initial scenario of kvk jhal

### Establishment - 25.03.2017







# Visit of Patwari to solve the encroachment of kvk land by the villagers



# Land levelling of kvk farm





# Canal formation at kvk farm



# Scenario after land levelling of kvk farm



# Fencing of kvk farm under mother orchard









# VTP Training on Preservation of Fruits & Vegetables





## VTP Training Mushroom Cultivation





# Training





# Training





**Diagnostic visit at farmer's field**






# Success Story

## सफलता कि कहानी

### फसल प्रबंधन

श्री. मनीराम वर्मा, ग्राम-झाल, विकासखण्ड-बेमेतरा, जिला-बेमेतरा (छ.ग.)

सेम कि उन्नत किस्म इंदिरा सेम-1, इंदिरा सेम-2 पर नवोन्नवी स्टेकिंग कर मालामाल ।

	कृषक का नाम-	मनीराम वर्मा
	पिताजी का नाम	झुगन राम वर्मा
	उम्र	35 वर्ष
	शिक्षा-	12वीं
	भूमि	15 एकड़
	कृषि में अनुभव	14 वर्ष
	फसल	सेम, बैंगन, मिर्च, बरबटी, भिण्डी
	सिंचाई	ट्यूबवेल
पशुपालन	गाय	



**नये अन्वेषण का विवरण-** श्री. मनीराम वर्मा, बेमेतरा जिले के ग्राम झाल के एक प्रगतिशील युवा कृषक हैं। उन्होंने कृषि को अपने जीवनव्यापन के रूप में चुना है। श्री. मनीराम वर्मा प्रारंभ से ही पारंपरिक रूप से खेती करते रहे हैं। कृषि विज्ञान केंद्र, बेमेतरा के सम्पर्क में आते ही वैज्ञानिक तरीके से खेती को भूखुवात की। उन्होंने अपने खेत के मेड़ों पर एवं खेतों पर लगभग एक एकड़ क्षेत्र पर बाँस कि बल्ली से स्टेकिंग कर इंदिरा गांधी कृषि विज्ञान केंद्र, रायपुर को विकसित किस्म इंदिरा सेम-1 एवं इंदिरा सेम-2, लगाया। जिसमें से सबसे ज्यादा मांग इंदिरा सेम-1 किस्म को है, जिसकी फलियाँ आकर्षक सफेद रंग, 4-5 सेमी. लम्बी, तथा 2-3 सेमी. चौड़ी होती हैं, जिनमें 3-4 बीज पाये जाते हैं, जो दिखने में आकर्षक बोल्ल्ड एवं खाने में स्वादिष्ट होते हैं। पहले कृषक 'दे' की किस्म लगाता था उसकी तुलना में इंदिरा सेम-1 से उत्पादन में दुगुनी वृद्धि हो रही है। जो कि निम्नानुसार है- अभी तक किसान ने लगभग 8-10 तुड़ाई कर ली है। जिसमें उन्होंने 30 किलोग्राम प्रतिदिन तुड़ाई करके 40 रुपये बाजार मूल्य की दर से विक्रय/बेचता है। कृषक ने अब तक 5-6 किबटल तुड़ाई कर चुका है, एवं लगभग 30,000 रुपये का आय प्राप्त कर चुका है, और उपज आना जारी है। सेम कि उन्नत किस्म एवं स्टेकिंग तकनीक का उपयोग कर उपज में 35-40 प्रतिशत वृद्धि हुई है।



# Funded Project Under MGNREGA

**कार्यालय, जिला पंचायत - बेमेतरा (छ.ग.)**  
**महात्मा गांधी राष्ट्रीय ग्रामीण रोजगार गारंटी योजना**  
 zp-bemetara.cg@nic.indra.bmt@gmail.com Phone No -07824-222609, 222475

**:: प्रशासकीय स्वीकृति आदेश ::**

क्र./ 1894 / जि.पं./MGNREGA/ प्रशा.स्वी./ 2017-18, बेमेतरा, दिनांक 15.08.17

छ.ग. शासन पंचायत एवं ग्रामीण विकास विभाग का पत्र क्रमांक/607/वि-3/NREGA /रायपुर दिनांक 02.02.2007 के तहत प्रदत्त अधिकारों का प्रयोग करते हुये महात्मा गाँधी राष्ट्रीय ग्रामीण रोजगार गारंटी योजना अंतर्गत वर्ष 2017-18 हेतु निम्नलिखित कार्य के लिए क्रियान्वयन एजेंसी मुख्य कार्यपालन अधिकारी, जनपद पंचायत बेमेतरा (स्वीकृत कार्य का संपादन संबंधित ग्राम पंचायत के माध्यम से कराया जाना है।) को नीचे दर्शित शर्तों के अधीन प्रशासकीय स्वीकृति प्रदान की जाती है :-

क्रिया, एजेंसी :- वरिष्ठ वैज्ञानिक एवं प्रमुख, कृषि विज्ञान केंद्र बेमेतरा (राशि लाख में)

क्र.	ग्राम पंचायत	ग्राम	कार्य का नाम	तकनीकी स्वीकृति			प्रशासकीय स्वीकृति					
				क्र.	दिनांक	राशि	मजदूरी	प्रति.	सामग्री	प्रति.	योग	योग
1	झाल	झाल	नया तालाब निर्माण कार्य ख.नं. 1633/2	3	28.02.2018	7.17	5.56	78	1.61	22	7.17	
2	झाल	झाल	नया तालाब निर्माण कार्य ख.नं. 1573	5	28.02.2018	9.86	8.22	83	1.64	17	9.86	
3	झाल	झाल	हालात राष्ट्रीयकरण कार्य ख.नं. 1624	4	28.02.2018	8.51	6.89	81	1.62	19	8.51	
योग						25.54	20.67	81	4.87	19	25.54	

(अक्षरी राशि पच्चीस लाख चौवन हजार रु. मात्र)

**कार्यालय, जिला पंचायत - बेमेतरा (छ.ग.)**  
**महात्मा गांधी राष्ट्रीय ग्रामीण रोजगार गारंटी योजना**  
 zp-bemetara.cg@nic.indra.bmt@gmail.com Phone No -07824-222609, 222475

**:: प्रशासकीय स्वीकृति आदेश ::**

क्र./ 725 / जि.पं./MGNREGA/ प्रशा.स्वी./ 2017-18, बेमेतरा, दिनांक 09.08.17

छ.ग. शासन पंचायत एवं ग्रामीण विकास विभाग का पत्र क्रमांक/607/वि-3/NREGA /रायपुर दिनांक 02.02.2007 के तहत प्रदत्त अधिकारों का प्रयोग करते हुये महात्मा गाँधी राष्ट्रीय ग्रामीण रोजगार गारंटी योजना अंतर्गत वर्ष 2017-18 हेतु निम्नलिखित कार्य के लिए क्रियान्वयन एजेंसी वरिष्ठ वैज्ञानिक एवं प्रमुख, कृषि विज्ञान केंद्र बेमेतरा, जिला बेमेतरा (स्वीकृत कार्य का संपादन संबंधित ग्राम पंचायत के माध्यम से कराया जाना है।) को नीचे दर्शित शर्तों के अधीन प्रशासकीय स्वीकृति प्रदान की जाती है :-

क्रियान्वयन एजेंसी :- वरिष्ठ वैज्ञानिक एवं प्रमुख, कृषि विज्ञान केंद्र बेमेतरा (राशि लाख में)

क्र.	ग्राम पंचायत	ग्राम	कार्य का नाम	खंसा नं. /रकबा	तकनीकी स्वीकृति		प्रशासकीय स्वीकृति					घोषे की संख्या		
					क्र.	दिनांक	मजदूरी	प्रति.	सामग्री	प्रति.	योग			
1	झाल	झाल	झाल प्रक्षेत्र पर मातृ वाटिका (फलोद्यान कार्यक्रम) स्थापित	1524, 5 हेक्टे.	1	01/08/2017	6.32	60	4.28	40	10.60	2900		
2	झाल	झाल	झाल प्रक्षेत्र पर मातृ वाटिका (फलोद्यान कार्यक्रम) स्थापित	1581, 5 हेक्टे.	2	01/08/2017	6.32	60	4.28	40	10.60	2900		
योग									12.64	60	8.56	40	21.20	5800

(अक्षरी राशि इक्कीस लाख बीस हजार रु. मात्र)





# Dignitaries Visit



*Thank you*

