

# **ANNUAL PROGRESS REPORT**

**(KVK Mayurbhanj-I, Odisha)**  
**April 2016 to March 2017**

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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. Grey color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).  
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).  
Fruits :- Mango, Guava, Custard apple, Pear etc.  
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

**REPORTING PERIOD – April 2016 to March 2017****Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17**

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
<b>1</b>	<b>On Farm Testing</b>			
	Proposed OFT	13		114
	On Going OFT	2		14
	Technologies assessed (Completed OFT)	9		90
	Technologies refined	-		-
	On farm trials conducted	11		104
<b>2</b>	<b>Frontline demonstrations</b>			
	Proposed Frontline demonstrations	16		155
	On Going Frontline demonstrations	12		115
	<b>FLDs conducted on crops</b>	<b>4</b>		<b>40</b>
	Area under crops (ha.)	4.0		40
	FLD on farm implement and tools	3		30
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1		10
	FLD on Fisheries - Finger lings	1		5
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-		-
	FLD on Women in Agriculture - ( Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	3		30
<b>3</b>	<b>Training programmes</b>	<b>No. of Course</b>	<b>Duration (days)</b>	<b>Participants</b>
	Farmers	11	12	275
	Farm women	9	13	250
	Rural youth	14	34	322
	Extension personnel/ In service	4	5	110
	Vocational trainings	5	26	80
	Sponsored Training	1	4	90
	<b>Total</b>	<b>44</b>	<b>94</b>	<b>1127</b>
		<b>No. of programmes</b>	<b>Participants</b>	
<b>4</b>	<b>Extension Programmes</b>	<b>523</b>	<b>11080</b>	
<b>5</b>	<b>Production of technology inputs etc</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Seed (qt.)	454.2		
	Planting material produced (nos.)	289700	355	
<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.)	5527	310	
<b>7</b>	<b>Bio Products</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	

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	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.)		
<b>8</b>	<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	3
	Publications ( Res. Paper/ pop. Art./Bulletin,etc.)	5	2100
	KVK News letter	4	2000
	SAC Meetings conducted	1	35
	Soil sample tested	205	1001
	Water sample tested	-	-
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-
	KVK-KMA (Message and beneficiaries)	65	10541
	Convergence programmes	2	
	Sponsored programmes	1	90
	KVK Progressive Farmers interaction	5	885
	No. of Technology Week Celebrations	4	78
	Attended HRD activities organized by ZPD	6	4
	Attended HRD activities organized by DES	-	-
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc. )	-	-
<b>9</b>	Current status of Revolving Funds ( Amt. in Rs.)		1383726.00
<b>10</b>		<b>No. of blocks</b>	<b>No. of villages</b>
	Outreach of KVK in the District	8	40
<b>11</b>		<b>ICAR</b>	<b>SAU Others</b>
	No. of important visitors to KVK (nos.)	-	5 3
<b>12</b>		<b>Working (Yes/No)</b>	<b>No. of Update</b>
	Status of KVK Website	Yes	135
<b>13</b>		<b>Application received</b>	<b>Application disposed</b>
	Status of RTI (nos.)	1	1
<b>14</b>		<b>Query received</b>	<b>Query dissolved</b>
	Citizen Charter (nos.)	559	559
<b>15</b>		<b>Working (Yes/No)</b>	<b>No. of programme viewed</b>
	E-connectivity	No	-
<b>16</b>		<b>Filled</b>	<b>Vacant</b>
	Staff Position	12	4
<b>17</b>	Workshop/ Seminar/ Conference attended by staff of KVK ( nos)		
<b>18</b>	Publication received from ICAR /other organization (nos.)		15
<b>19</b>		<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 (31.03.2017)

#### Summary of Staff position in KVKs on 31<sup>st</sup> March, 2017

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
KVK Mayurbhanj-I	16	1	1	6	3	3	3	6	5	16	12

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
KVK Mayurbhanj-I	Sr. Scientist & Head	Dr. S. Pattnaik	Horticulture	Ph.D.	Floriculture	15600-39100 & GP-8000	16310	12.11.2015	Permanent	General
KVK Mayurbhanj-I	Scientist1	Dr. D. K. Mohanty	Agril. Engg.	Ph.D.	Farm Machinery & Power	15600-39100 & GP-6000	29950	11.03.2005	Permanent	General
KVK Mayurbhanj-I	Scientist2	Mr. B. Samantaray	Fishery Science	M.Sc. (Fishery Sc.)	Inland Aquaculture	15600-39100 & GP-6000	29070	12.01.2006	Permanent	General
KVK Mayurbhanj-I	Scientist 3	Mrs. J. Bhuyan	Home Science	M.Sc.(Home Sc.)	Food & nutrition	15600-39100 & GP-6000	21190	23.10.2009	Permanent	OBC
KVK Mayurbhanj-I	Scientist 4	Vacant								
KVK Mayurbhanj-I	Scientist 5	Vacant								
KVK Mayurbhanj-I	Scientist 6	Vacant								
KVK Mayurbhanj-I	Programme Assistant	Miss S. Mohapatra	Soil Science	M.Sc.(Soil Science)	Soil science	9300-34800 & GP-4200	13910	21.12.2015		General
KVK Mayurbhanj-I	Farm Manager	Mr. M. Adhikari	Plant Protection	M.Sc. (Ag.)	Entomology	9300-34800 & GP-4200		26.09.2011	Permanent	General
KVK Mayurbhanj-I	Computer Programmer	Mr. J. K. Biswal	Computer Science	MCA	Computer Application	9300-34800 & GP-4200	18730	30.01.2006	Permanent	General
KVK Mayurbhanj-I	Accountant / superintendent	Vacant								
KVK Mayurbhanj-I	Stenographer	Mr. R.N.Pati	Arts	Master in Arts	Public Administration	5200-20200 & GP-2400	10260	16.10.2006	Permanent	General
KVK Mayurbhanj-I	Driver	Mr. P.K.Biswal				5200-20200 & GP-1900	9300	25.07.2007	Permanent	OBC
KVK Mayurbhanj-I	Driver	Mr. B.K.Behera				5200-20200 & GP-1900	8760	18.07.2008	Permanent	OBC
KVK Mayurbhanj-I	Supporting staff	Mr. D.Swain				4440-7440 & GP-1500	7760	20.12.2007	Permanent	OBC
KVK Mayurbhanj-I	Supporting staff	Mr. P.Martha				4440-7440 & GP-1500	7760	20.12.2007	Permanent	OBC

### 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
KVK Mayurbhanj-I	North central plateau	26	382	25,19,738	63.98%	16,64,258	3,89,981	0.92 ha

**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)
KVK Mayurbhanj-I	Belam	2014	Badasahi	24 km	587	316
KVK Mayurbhanj-I	Kansapal	2014	Bangiriposi	48 km	475	280
KVK Mayurbhanj-I	Tarajudi	2013	Shamakhunta	20 km	250	124
KVK Mayurbhanj-I	Jhalliamara	2012	Suliapada	30 km	375	63
KVK Mayurbhanj-I	Kailash Chandrapur	2012	Baripada	18 km	1025	118
KVK Mayurbhanj-I	Machhia	2009	Kaptipada	62 km	315	50
KVK Mayurbhanj-I	Dabak	2009	Khunta	43 km	350	72
KVK Mayurbhanj-I	Madhunanda	2009	Betnoti	55 km	430	63
KVK Mayurbhanj-I	Baunsabilla	2006	Shamakhunta	09 km	2400	145
KVK Mayurbhanj-I	Khandia	2006	Shamakhunta	13 km	1039	165

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

KVK Name	THRUST AREA
KVK Mayurbhanj-I	Farm mechanization
KVK Mayurbhanj-I	Self employment generation through skill formation in mechanized farming
KVK Mayurbhanj-I	Line sowing
KVK Mayurbhanj-I	Zero tillage
KVK Mayurbhanj-I	Water management
KVK Mayurbhanj-I	Soil and water conservation
KVK Mayurbhanj-I	Seed production programme in paddy & vegetables
KVK Mayurbhanj-I	Aromatic rice cultivation
KVK Mayurbhanj-I	Oilseed and pulse cultivation
KVK Mayurbhanj-I	Off season & hybrid vegetable cultivation
KVK Mayurbhanj-I	Organic Farming and Vermi-composting
KVK Mayurbhanj-I	Cultivation of Fruit and development of orchards
KVK Mayurbhanj-I	Bee keeping
KVK Mayurbhanj-I	Mushroom cultivation
KVK Mayurbhanj-I	Value addition of fruits & vegetables
KVK Mayurbhanj-I	IPM and IDM in field crops and vegetables
KVK Mayurbhanj-I	Nutritional garden
KVK Mayurbhanj-I	Soil reclamation and use of micro nutrients
KVK Mayurbhanj-I	Micro-irrigation and use of plastic in agriculture
KVK Mayurbhanj-I	Back yard poultry cultivation & Goatery
KVK Mayurbhanj-I	Commercial pisciculture
KVK Mayurbhanj-I	Commercial floriculture
KVK Mayurbhanj-I	Entrepreneurship through nursery development

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
KVK Mayurbhanj-I	Low productivity due to improper planting techniques and water management in paddy	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low income and distress sale of paddy grains	PRA, Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Low yield for ruling varieties in paddy in medium land	PRA	All blocks
KVK Mayurbhanj-I	Pest and disease management in paddy	PRA	All blocks
KVK Mayurbhanj-I	Weed problem in upland and medium land paddy	PRA	All blocks
KVK Mayurbhanj-I	Improper plant population and more cost in weeding on paddy	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Loss of quality and quantity of paddy grains due to faulty PHT	Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Low yield of oilseed and pulses due to unscientific method of cultivation and soil acidity	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low profit due to increase in cost of cultivation and unavailability of labors in time	PRA, Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Improper management of soil and water	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low yield of oilseed and pulse crops due to pest and diseases	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Unavailability of quality composts	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low return from maize cultivation	Secondary data	All blocks
KVK Mayurbhanj-I	Low productivity from vegetables due to pest & diseases	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low productivity and return from fruits	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low productivity and return from traditional suckers	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low productivity and return from tuber crops	Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Low return from fruits and vegetables	PRA, Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Drudgery of farm women due to manual weeding and threshing	Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Unavailability of nutritious balanced diets to farm women	Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Low income of rural youth and farm women due to lack of Entrepreneurship	PRA, Group discussion	All blocks
KVK Mayurbhanj-I	Low output of livestock and fishery	PRA, Group discussion, Secondary data	All blocks
KVK Mayurbhanj-I	Lack of farm mechanization	Group meeting and discussion	Hatisahi, Khunta, Pasuda, GB nagar, Tarajudi, Shamakhunta, ABCpur, Badsahi
KVK Mayurbhanj-I	No line sowing or transplanting	Group meeting and discussion	Hatisahi, Khunta, Pasuda, GB nagar, Tarajudi, Shamakhunta, ABCpur, Badsahi
KVK Mayurbhanj-I	Lack of entrepreneurial attitude	Group meeting and discussion	Hatisahi, Khunta, Pasuda, GB nagar, Tarajudi, Shamakhunta, ABCpur, Badsahi
KVK Mayurbhanj-I	No irrigation water management	Group meeting and discussion	Hatisahi, Khunta, Pasuda, GB nagar, Tarajudi, Shamakhunta, ABCpur, Badsahi



## 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	
KVK Mayurbhanj-I	2016	Kharif	High rate of sapling mortality due to heavy rain	Assessment of planting time in tissue culture banana	Assessment	Varital Evaluation	Tissue culture banana	Partially irrigated Upland	5	1980 bunch /yield/ ha	2000 bunch /yield/ ha		147000	240000		
KVK Mayurbhanj-I	2016-17	Throught out the year	Low remuneration from the traditional vegetable crops	Assessment of different ornamental plants in poly house thorough out the year	Assessment	Varital Evaluation	Floriculture	Poly house	5	-	35000 flower stick/ 200sq. m	-	-	220000		
KVK Mayurbhanj-I	2016	Kharif	In direct seeded rice nutrient management is a challenge, Farmers not willing to apply organic manure, Weed infestation at early stage of crop causes huge labour cost	Assessment of brown manuring in yield of direct seeded rice basing on soil test	Assessment	INM	Rice	Rainfed	13	40.6	42.5		24510	25405		
KVK Mayurbhanj-I	2016-17	Rabi	Poor quality of head fetch less market price	Assessment of incubated Bio-fertilizer in yield of Cauliflower	Assessment	INM	Cauliflower	Irrigated	13	130	142		76,597	68,197		Vermicompost could be used in place of FYM
KVK Mayurbhanj-I	2016	Kharif	Increasing labour shortage and labour cost in transplanting of rice increases cost of	Assessment of multi crop seed cum fertilizer drill for direct seeding of	Assessment	Farm mechanization	Rice	Rainfed, Medium land, Rice – green	13	42.5	40.6	-	23760	24650	-	

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			cultivation with lower yield	rice				gram								
KVK Mayurbhanj-I	2016-17	Rabi	High labour requirement (10 man-days/ha), improper plant population resulting low yield (20 % yield reduction) and net return in traditional method	Assessment of bullock drawn three row seed cum fertilizer drill for sowing maize for small and marginal farmer	Assessment	Farm mechanization	*Maize	Irrigated Up land, Rice – fallow	7	36	44	42	22550	35600	33560	
KVK Mayurbhanj-I	2016-17	Rabi	Low yield due (4.74 q/ha) due to delayed sowing of green gram in traditional methods in available moisture after rice harvesting in rice fallow (65000 ha) with more time, cost and labour consumption in traditional methods	Assessment of tractor drawn zero till drill for sowing green gram in rice-green gram cropping system	Assessment	Farm mechanization	*Green gram	Rainfed, Up land/Medium land, Rice – fallow	7	4.5	4.7	4.4	11300	15007	13583	

## 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> )	RP (T <sub>2</sub> )	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> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
KVK Mayurbhanj-I	Assessment of planting time in tissue culture banana	No. of bunches/ yield/ha	2000	1980		80000	12000		227700	360000		147000	240000		2.84	3.0	
KVK Mayurbhanj-I	Assessment of different ornamental plants in poly house thorough out the year	No. of flower stick/ 200sq.m	-	35000									220000				
KVK Mayurbhanj-I	Assessment of brown manuring in yield of direct seeded rice basing on soil test	Organic Carbon(%)	0.36	0.39		27000	27720		50750	53125		23750	25405		1.87	1.91	
KVK Mayurbhanj-I	Assessment of incubated Bio-fertilizer in yield of Cauliflower	Organic Carbon(%)	0.42	0.45		38803	39603		104000	113600		65,197	73,997		2.68	2.87	Azospirillum could be added to Azotobacter and PSB(1:1:1)
KVK Mayurbhanj-I	Assessment of incubated Bio-fertilizer in yield of Cauliflower	Avail. P	5.2	5.8													
KVK Mayurbhanj-I	Assessment of multi crop seed cum	Field capacity	0.06	0.3		29365	26100		53125	50750		23760	24650		1.81	1.94	

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	fertilizer drill for direct seeding of rice	(ha/h)															
KVK Mayurbhanj-I	Assessment of multi crop seed cum fertilizer drill for direct seeding of rice	Labour requirement (Man-days/ha)	33.34	1.11													
KVK Mayurbhanj-I	* Assessment of bullock drawn three row seed cum fertilizer drill for sowing maize for small and marginal farmer	Field capacity (ha/h)	0.028	0.35	0.13	27850	26000	25240	50400	61600	58800	22550	35600	33560	1.81	2.37	2.33
KVK Mayurbhanj-I	* Assessment of bullock drawn three row seed cum fertilizer drill for sowing maize for small and marginal farmer	Labour requirement (Man-days/ha)	23.8	0.95	2.56												
KVK Mayurbhanj-I	* Assessment of tractor drawn zero till drill for sowing green gram in rice- green gram cropping system	Field capacity (ha/h)	0.023	0.31	0.35	15700	13193	12817	27000	28200	26400	11300	15007	13583	1.72	2.14	2.06
KVK Mayurbhanj-I	* Assessment of tractor drawn zero till drill for sowing green gram in rice- green gram cropping system	Labour requirement (Man-days/ha)	28.99	1.61	0.95												

**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
KVK Mayurbhanj-I	2016	Kharif	Heavy pain in Waist due to bending posture while transplanting manually	Assessment of three row rice transplanter for drudgery reduction of farm women	Assessment	Drudgery reduction	T2 : Transplanting of rice seedling by two row rice transplanter. T3: Transplanting by three row rice transplanter	Paddy	Rainfed	7	
KVK	2016-	Rabi	High drudgery and more	Assessment of	Assessment	Drudgery	T2-Solar Pump	Solar Pump	Rainfed	13	

**KVK Mayurbhanj-I, Odisha**

Mayurbhanj-I	17		time requirement as well as low efficiency on manual lifting of water from open well	Solar pump for small scale irrigation		reduction					
KVK Mayurbhanj-I	2016-17	Rabi	Low birth weight, high mortality and high disease incidence rate.	Assessment of Supplemental concentrate feeding to pregnant and lactating does	Assessment	Feeding technique in goat farming	T2 :100 g of concentrated feed in diet of does in peri parturient period along with mineral mixture 15 g/day T3 : 150 g of concentrated feed in diet of does in peri parturient period along with mineral mixture 15 gm/day.	Goat	Semi intensive goat husbandry	7	
KVK Mayurbhanj-I	2016-17	Rabi	Calcium deficiency in layers leading to irregular egg production and decreases shell strength	Assessment of calcium supplementation during egg laying in backyard poultry farming.	Assessment	Poultry production and management	T2 : 4 ml of calcium per day per layer bird T3: 100 g feed per day along 4 ml of calcium per day per layer bird.	Poultry	Backyard poultry farming	7 (70 Chicks)	

**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	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
KVK Mayurbhanj-I	Assessment of three row rice transplanter for drudgery reduction of farm women	60	80	100	11.8	10.98	10.78	129	124	123	-	6.9	8.6		33.3	66.9	3870	3720	3690		4.03	4.87
KVK Mayurbhanj-I	Assessment of Solar pump for small scale irrigation	150 liter/hr	600 liter/hr	-	8.3	2.9	-	107	72	-	-	65	-	-	300	-	3210	2190	-	-	46.5	-

**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		
KVK Mayurbhanj-I	Assessment of Supplemental concentrate feeding to pregnant and lactating does	Average no. of Kiddings 2	Average no. of Kiddings 2	Body weight at the time of birth(Kg)-1.4	Body weight at the time of birth(Kg)-1.8	-	Growth until weaning(gm)-140	165	180				
KVK Mayurbhanj-I	Assessment of calcium supplementation during egg laying in backyard poultry farming.	110 no.s of eggs	130 no.s of eggs	210	240	550	650			340	410	70	5.1

**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
KVK Mayurbhanj-I	More research on DSR by seed cum fertilizer drill in yield aspects with respect to the sowing and harvesting time
KVK Mayurbhanj-I	More research on Zero tillage by zero till seed cum fertilizer drill with respect to the irrigation

### 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
KVK Mayurbhanj-I	Maize/ Tractor drawn multi crop planter	Farm mechanization	Tractor drawn multi crop planter for sowing maize	Demonstration and capacity building	112	550	320
KVK Mayurbhanj-I	Groundnut/ Power tiller drawn seed cum fertilizer drill	Farm mechanization	Power tiller drawn multi-crop seed cum fertilizer drill for sowing groundnut	Demonstration and capacity building	54	145	80
KVK Mayurbhanj-I	Groundnut/ Bullock drawn seed cum fertilizer drill	Farm mechanization	Bullock drawn 5 row seed cum fertilizer drill for sowing groundnut	Demonstration and capacity building	26	86	45
KVK Mayurbhanj-I	Rice	Water management	Mechanical puddling and levelling and cyclic 5cm submergence of water in paddy field	Demonstration and capacity building	15	44	20
KVK Mayurbhanj-I	Cauliflower	Off-season vegetable cultivation	Cultivation of off-season cauliflower	Training, Field day, group discussion, leaf let distribution	10	75	40
KVK Mayurbhanj-I	Vegetable	Protected cultivation	Size of tunnel 10x5 m , dome shape, use of locally available material such as bamboo, U.V stabilized polythene.	Training, Field day, group discussion, leaf let distribution	12	45	28
KVK Mayurbhanj-I	Vegetable	Production of low volume & high value crop	Cultivation of capsicum with recommended package and practices	Training, Field day, group discussion, leaf let distribution	14	30	25
KVK Mayurbhanj-I	Paddy	Integrated pest management	Use of non –chemical pest management package in rice	Training, Field day, group discussion, leaf let distribution	34	146	72
KVK Mayurbhanj-I	Brinjal	Integrated disease management	Disease management by chemical and mechanical methods	Training, Field day, group discussion, leaf let distribution	72	345	115
KVK Mayurbhanj-I	Paddy	Resource conservation technology	Mechanical puddling and leveling and cyclic 5cm submergence of water in paddy field has to be continued throughout the crop period	Demonstration and capacity building	120	580	600
KVK Mayurbhanj-I	Pisciculture	Small scale income generation	Demonstration of Fry fingerling production in small season ponds	Transfer of technology through field functionaries of the department of fisheries	21	84	31
KVK Mayurbhanj-I	Pisciculture	Production management	Demonstration on stocking of stunted fish fingerling in pisciculture	Transfer of technology through field functionaries of the department of fisheries	08	16	04
KVK Mayurbhanj-I	Pisciculture	Disease Management	Demonstration on control of EUS using CIFAX	Transfer of technology through field functionaries of the department of fisheries	30	300	80
KVK Mayurbhanj-I	Pisciculture	Disease Management	Demonstration on Vitamin-Mineral Premix with traditional feed on increasing fish yield	Transfer of technology through field functionaries of the department of fisheries	4	12	6.0

**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/Enterprises	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		SC	ST	Oth ers	Gener al	Tot al
KVK Mayurbhanj-I	2016	Kharif	Varietal Evaluation	Cultivation of off-season cauliflower	Cauliflower	DAWN 175	1.0	125.0	150.0	20	1	0		9	10
KVK Mayurbhanj-I	2016-17	Rabi	Varietal Evaluation	Cultivation of capsicum with recommended package and practices	Capsicum	Indo American Bharat	1.0	110	207	88	0	4		6	10
KVK Mayurbhanj-I	2016	Kharif	Integrated Nutrient Management	Real time Nitrogen management by Leaf Color Chart	Rice	Pratiksha	1	43.2	45	4.17	0	0	10	0	10
KVK Mayurbhanj-I	2016-17	Rabi	Integrated Nutrient Management	Borax used as foliar spray @ 0.3% in 7days interval after 30 days of sowing based on soil test	Groundnut *	Devi	1	18.5	20.9	12.97	0	0	0	10	10
KVK Mayurbhanj-I	2016	Kharif	Farm mechanization	4 row walk behind rice transplanter for line transplanting of paddy	Rice	4 row walk behind rice transplanter	2	46.8	43.2	8.33	0	3	5	2	10
KVK Mayurbhanj-I	2016-17	Rabi	Farm mechanization	Tractor drawn seed cum fertilizer drill for sowing maize	*Maize	Tractor drawn seed cum fertilizer drill	2				0	3	7	0	10
KVK Mayurbhanj-I	2016-17	Rabi	Farm mechanization	Bullock drawn pre-germinated paddy seeder for line sowing of paddy	*Rice	Bullock drawn pre-germinated paddy seeder	1				0	10	0	0	10
KVK Mayurbhanj-I	2016-17	Rabi	Disease management	Demonstration on application of CIFAX in controlling EUS	Pisciculture *	CIFAX	1					5			5

### 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> )
KVK Mayurbhanj-I	Cultivation of off-season cauliflower	Cauliflower	Yield(q)	125	150	20,000	32000	90000	175000	70000	143000	4.5	5.46
KVK Mayurbhanj-I	Cultivation of off-season cauliflower	Cauliflower	Curd Size(cm)	3	7								
KVK Mayurbhanj-I	Cultivation of off-season cauliflower	Cauliflower	Curd Weight(gm)	600	300								
KVK Mayurbhanj-I	Cultivation of capsicum with recommended package and practices	Capsicum	Yield (q)	110	207	54,000	65,000	1,65,000	3,10,500	111000	245500	3.05	4.77
KVK Mayurbhanj-I	Real time Nitrogen management by Leaf Color Chart	Pratikshya	Yield (q/ha)	43.2	45	29240	30120	54000	56250	24760	26130	1.84	1.86
KVK Mayurbhanj-I	Borax used as foliar spray @ 0.3% in 7days interval after 30 days of sowing based on soil test	Groundnut	Yield (q/ha)	18.5	20.9	35800	36300	59200	66880	23400	30580	1.65	1.84
KVK Mayurbhanj-I	4 row walk behind rice transplanter for line transplanting of paddy	Paddy	Field capacity (ha/h)	0.006	0.123	28800	26100	54000	58500	25200	32400	1.88	2.24
KVK Mayurbhanj-I	4 row walk behind rice transplanter for line transplanting of paddy	Paddy	Labour requirement (Man-days/ha)	13.89	2.56								
KVK Mayurbhanj-I	Tractor drawn seed cum fertilizer drill for sowing maize	* Maize	Field capacity (ha/h)	0.025	0.38	28200	26350	55300	64400	27100	38050	1.96	2.44
KVK Mayurbhanj-I	Tractor drawn seed cum fertilizer drill for sowing maize	* Maize	Cost of operation (Rs/ha)	26.67	0.87								
KVK Mayurbhanj-I	Bullock drawn pre-germinated paddy seeder for line sowing of paddy	*Paddy	Field capacity (ha/h)	0.005	0.16	28850	24492	50750	52750	21900	28258	1.76	2.15
KVK Mayurbhanj-I	Bullock drawn pre-germinated paddy seeder for line sowing of paddy	*Paddy	Labour requirement (Man-days/ha)	33.34	4.17								
KVK Mayurbhanj-I	Demonstration on application of CIFAX in controlling EUS	Pisciculture *	Yield (q/ha)										



### 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/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
KVK Mayurbhanj-I	2016	Kharif	Breed replacement	Low egg laying capacity of birds	Demonstration of RIR breed in semi intensive system	Poultry	RIR Breed	Backyard	-	10
KVK Mayurbhanj-I	2016	Kharif	Storage loss minimization techniques	Loss to an extent of 30 % in cereals & pulses during storage due to pest attack makes the farmers dispose their products at low price in distress sale condition	Demonstration of grain pro super grain bag for storing of cereals	Rice	Grain pro super bag	Homestead	-	10
KVK Mayurbhanj-I	2016-17	Rabi	Value Addition	low return due to higher content of impurities and poor keeping quality incases of improper drying	Demonstration of dehydrated cereals and pulses products by low cost solar dryer	Cereals and pulses	Cereals and pulses	Homestead	-	10
KVK Mayurbhanj-I	2016-17	Rabi	Drudgery reduction	High pain to the palm during threshing of sun flower	Demonstration of Sun flower thresher bench for drudgery reduction of farm women	Sun flower	Sun flower	Irrigated	-	10

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
KVK Mayurbhanj-I	Demonstration of Sun flower thresher bench for drudgery reduction of farm women	2.8Kg/hr	11Kg/hr	9.6	8.6	115	109		10.41		292.8	6900	6540		5.5

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

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
KVK Mayurbhanj-I	Demonstration of RIR breed	12.5 Body wt.(kg/10 birds)	28 Body wt.(kg/10 birds)	1950	3530	3750	7000	-	-	1800	3470	1670	1.98
KVK Mayurbhanj-I	Demonstration of grain pro super grain bag for storing of cereals (Rice)	Storage loss %-31	Storage loss(%)-11	2500	2610	Cost loss-800	Cost loss-275	-	-	1700	2225	415	-
KVK Mayurbhanj-I	Demonstration of grain pro super grain bag for storing of cereals (Rice)	Storage duration (days)-90	Storage duration (days)-150										

**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		
KVK Mayurbhanj-I	Demonstration of Low cost Solar Dryer for drying of cereals and pulses products	-	-	-	-	Initial weight(gm)-1000	Initial weight(gm)-1000	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Demonstration of Low cost Solar Dryer for drying of cereals and pulses products	-	-	-	-	Final weight(gm)-902	Final weight(gm)-805								
KVK Mayurbhanj-I	Demonstration of Low cost Solar Dryer for drying of cereals and pulses products	-	-	-	-	Time taken for drying(hr)-26	Time taken for drying(hr)-14								

**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

### 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
KVK Mayurbhanj-I	Economically viable and sustainable for all paddy farmers by using paddy transplanter	Mat type nursery raising, Line transplanting, 4 rows, plant to plant distance adjustable, row to row spacing – 30 cm	Cost, labour and more important time saving	Recommended to line department for popularization of the technology

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

Name of KVK	Feedback basic of OFT on Technology Tested
KVK Mayurbhanj-I	-

## 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
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	08.04.16 & Khandia	25
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	27.05.16 & Ambudubi	25
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	02.06.16 & Kansapal	25
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	29.08.16 & Balimunduli	25
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	23.09.16 & Kenduadhia	25
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	05.11.16 & Kochilapada	25
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	20.01.17, 21.01.17,07 & 08.02.17-KVK campus, Shamakhunta	75
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	27.02.17 & Ambudubi	25
KVK Mayurbhanj-I	Farmers & Farmwomen	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	02.03.17 & 03.03.17 & Badakhaladi	50
KVK Mayurbhanj-I	Rural Youth	Group discussion with the rural youth clubs and SHG members and analyzing secondary data from line department like women & CD department, horticulture department, banking officials.	04 & 05.07.16- KVK campus, Shamakhunta	25
KVK Mayurbhanj-I	Rural Youth	Group discussion with the rural youth clubs and SHG members and analyzing secondary data from line department like women & CD department, horticulture department, banking officials.	21-24.12.16 & - KVK campus, Shamakhunta	25
KVK Mayurbhanj-I	In service Personnel	Interview method and analysis of professional performance by group exercise	18 & 19.10.16-KVK campus	25

### Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths

IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
<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
KVK Mayurbhanj-I	RY	ONC	HOT	Commercialization of Tuber Crops	1	2	1		2	2	20	-	-	-
KVK Mayurbhanj-I	RY	ONC	HOV	Seed production in vegetable crops	1	2	4		1		20			
KVK Mayurbhanj-I	FW	OFC	AEG	Use, operation and maintenance of tillage machineries	1	1	0	0	0	0	1	0	24	0
KVK Mayurbhanj-I	FW	OFC	AEG	Use, operation and maintenance of sowing and planting machineries	1	1	0	0	0	0	11	1	13	0
KVK Mayurbhanj-I	FW	OFC	AEG	Use and operation of intercultural machineries	1	1	2	0	0	0	10	0	13	0
KVK Mayurbhanj-I	FW	OFC	AEG	Use, operation and maintenance of drip and sprinkler irrigation	1	1	0	0	0	0	20	4	1	0
KVK Mayurbhanj-I	FW	OFC	AEG	Use, operation and maintenance of harvesting and threshing implements	1	1	1	0	1	0	15	0	8	0
KVK Mayurbhanj-I	FW	OFC	AEG	Water management in paddy cultivation	1	1	0	0	0	0	25	0	0	0
KVK Mayurbhanj-I	RY	ONC	AEG	Mat type nursery technique for mechanical transplanting with use and operation of rice transplanter	2	10	0	1	1	0	4	0	4	0
KVK Mayurbhanj-I	RY	ONC	AEG	Calibration, use and operation of seed cum fertilizer drill	1	7	0	0	0	0	3	0	9	0
KVK Mayurbhanj-I	IS	ONC	AEG	Farm mechanization in paddy cultivation	1	2	2	1	3	1	6	2	6	4
KVK Mayurbhanj-I	IS	ONC	FIS	New approaches of seed production in extreme weather	1	2	60							
KVK Mayurbhanj-I	FW	OFC	WOE	Laying out and planting different components of kitchen garden for a rural family	1	2	0	0	0	0	0	24	0	1
KVK Mayurbhanj-I	FW	OFC	WOE	Vaccination schedule for backyard poultry rearing	1	1	0	0	0	0	0	0	0	25
KVK Mayurbhanj-I	FW	OFC	WOE	Safety measures in use of manual transplanter for drudgery reduction of farm women	1	1	0	0	0	4	0	7	0	14
KVK Mayurbhanj-I	FW	OFC	WOE	Preparation of low cost diet from the locally available cereals	1	2	0	0	0	0	0	2	0	23
KVK Mayurbhanj-I	FW	OFC	WOE	Weeding operations in vegetables by small women friendly tools	1	1	0	0	0	2	0	17	0	6
KVK Mayurbhanj-I	FW	ONC	WOE	Preparation of value added products from lemon	1	2	0	0	0	0	0	7	0	18
KVK Mayurbhanj-I	FW	OFC	WOE	Preparation of value added products from mushroom	1	1	0	0	0	0	0	0	0	25
KVK Mayurbhanj-I	FW	ONC	WOE	Vaccination procedure in goats for deworming	1	2	0	0	0	3	0	0	0	47
KVK Mayurbhanj-I	FW	OFC	WOE	Preparation of value added products from Mahua flowers	1	1	0	0	0	3	0	9	0	13
KVK Mayurbhanj-I	RY	ONC	WOE	Preparation of value added products from sabai grass	1	2	0	0	0	3	0	14	0	8

**KVK Mayurbhanj-I, Odisha**

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
KVK Mayurbhanj-I	RY	ONC	WOE	Mushroom production in entrepreneurial basis	1	4	0	0	0	2	0	6	0	17
KVK Mayurbhanj-I	IS	ONC	WOE	Role of nutritional garden for maintaining nutritional status of the family members	1	2	0	0	0	2	0	3	0	20
KVK Mayurbhanj-I	FW	OFC	SFM	Integrated nutrient management in rice	1	1	-	-	-	-	20	5	-	-
KVK Mayurbhanj-I	FW	OFC	SFM	Method of increase of Nitrogen use efficiency in rice	1	1	-	-	-	-	20	5	-	-
KVK Mayurbhanj-I	FW	OFC	SFM	Method of soil sample collection & result interpretation	1	1	3	1	-	-	9	12	-	-
KVK Mayurbhanj-I	FW	ONC	SFM	Acid soil management for higher production	1	1	19	2	2	-	2	-	-	-
KVK Mayurbhanj-I	FW	ONC	SFM	Soil health management in cropping system	1	2	22	-	-	-	3	-	-	-

**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
KVK Mayurbhanj-I	Mat type nursery technique for mechanical transplanting with use and operation of rice transplanter	Paddy transplanter	Farm machinery	10	0	1	1	0	4	0	4	0
KVK Mayurbhanj-I	Calibration, use and operation of seed cum fertilizer drill	Seed cum fertilizer drill	Farm machinery	7	0	0	0	0	0	0	9	0
KVK Mayurbhanj-I	Preparation of value added products from sabai grass	Sabai	Value addition	4				3		14		8
KVK Mayurbhanj-I	Mushroom production in entrepreneurial basis	Mushroom	Mushroom cultivation	2				2		6		17
KVK Mayurbhanj-I	Soil test based farming	IFS	INM	3	3	7	-	-	-	1	-	-

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

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
KVK Mayurbhanj-I	Cultivation of mushroom in entrepreneurial basis	Commercial	39	42	8
KVK Mayurbhanj-I	Preparation of value added products from sabai grass	Commercial	19	18	2
KVK Mayurbhanj-I	Preparation of value added products from mushroom	Commercial	2	6	-
KVK Mayurbhanj-I	Preparation of value added products from Mahua flowers	Commercial	3	8	-
KVK Mayurbhanj-I	Preparation of value added products from lemon	Commercial	4	9	-

**Table 5.4. Sponsored Training Programmes**

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

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

Table 3.5 Training Programmes for Panchayat 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		
KVK Mayurbhanj-I	Training programme for the Office Bearers of Pani Panchavat	-	-	IS	4		50				15		25		WALMI Govt. of Odisha	200000.00

**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	
KVK Mayurbhanj-I	Use, operation and maintainace of tillage machineries	25	10	75	-	-	-	-	Area expanded (ha)- 200 ha, , No. of Farmers adopted- 350, Change in knowledge- 86.67%
KVK Mayurbhanj-I	Use, operation and maintainace of sowing and planting machineries	25	15	70	-	-	-	-	Area expanded (ha)- 75 ha, , No. of Farmers adopted- 55, Change in knowledge- 78.5%
KVK Mayurbhanj-I	Use and operation of intercultural machineries	25	10	60	-	-	-	-	Area expanded (ha)- 20 ha, , No. of Farmers adopted- 35, Change in knowledge- 83.34%
KVK Mayurbhanj-I	Use, operation and maintenance of drip and sprinkler irrigation	25	20	80	-	-	-	-	Area expanded (ha)- 50 ha, , No. of Farmers adopted- 70, Change in knowledge- 75%
KVK Mayurbhanj-I	Use, operation and maintenance of harvesting and threshing implements	25	20	75	-	-	-	-	Area expanded (ha)- 150 ha, , No. of Farmers adopted- 220, Change in knowledge- 73.34%
KVK Mayurbhanj-I	Water management in paddy cultivation	25	5	60	-	-	-	-	Area expanded (ha)- 20 ha, , No. of Farmers adopted- 40, Change in knowledge- 91.67%
KVK Mayurbhanj-I	Mat type nursery technique for mechanical transplanting with use and operation of rice transplanter	10	15	90	-	-	-	-	Area expanded (ha)- 170 ha, , No. of Farmers adopted- 80, Change in knowledge- 83.34%
KVK Mayurbhanj-I	Calibration, use and operation of seed cum fertilizer drill	12	20	90	-	-	-	-	Area expanded (ha)- 80 ha, , No. of Farmers adopted- 45, Change in knowledge- 77.78%
KVK Mayurbhanj-I	Laying out and planting different components of kitchen garden for a rural family	25	8	25	4	15	3200	4530	No. of Farmers adopted- 5, Change in knowledge- 35%

**KVK Mayurbhanj-I, Odisha**

KVK Mayurbhanj-I	Vaccination schedule for backyard poultry rearing	25	5	18	-	-	2130	3670	No. of Farmers adopted- 120, Change in knowledge- 68%
KVK Mayurbhanj-I	Safety measures in use of manual transplanter for drudgery reduction of farm women	25	12	42	34.3	40.4	15700	22230	Area expanded (ha)- 15 ha, , No. of Farmers adopted- 35, Change in knowledge- 48%
KVK Mayurbhanj-I	Preparation of low cost diet from the locally available cereals	25	6	25	-	-	-	-	No. of Farmers adopted- 12, Change in knowledge- 55%
KVK Mayurbhanj-I	Weeding operations in vegetables by small women friendly tools	25	9	27	-	-	2500	3670	Area expanded (ha)- 23 ha, , No. of Farmers adopted- 60, Change in knowledge- 58%
KVK Mayurbhanj-I	Preparation of value added products from lemon	25	40	80	-	-	2500	4850	No. of Farmers adopted-20, Change in knowledge- 60%
KVK Mayurbhanj-I	Preparation of value added products from mushroom	25	-	12	-	-	4300	5670	No. of Farmers adopted- 10, Change in knowledge-40%
KVK Mayurbhanj-I	Vaccination procedure in goats for deworming	50	35	68	-	-	3300	4700	No. of Farmers adopted- 70, Change in knowledge- 37%
KVK Mayurbhanj-I	Preparation of value added products from Mahua flowers	25	25	54	-	-	-	-	No. of Farmers adopted- 10, Change in knowledge- 52%
KVK Mayurbhanj-I	Preparation of value added products from sabai grass	25	35	58	-	-	2400	9300	No. of Farmers adopted- 4, Change in knowledge- 25%
KVK Mayurbhanj-I	Mushroom production in entrepreneurial basis	25	23	59	-	-	470	830	Area expanded (units)- 12of capacity of 11kg/day, , No. of Farmers adopted-12, Change in knowledge- 45%
KVK Mayurbhanj-I	Integrated nutrient management in rice	25	27	46	-	-	-	-	Area expanded (ha)- 350 ha, , No. of Farmers adopted- 560, Change in knowledge- 65%
KVK Mayurbhanj-I	Method of increase of Nitrogen use efficiency in rice	25	27	48	-	-	-	-	Area expanded (ha)- 280 ha, , No. of Farmers adopted- 120, Change in knowledge- 60%
KVK Mayurbhanj-I	Method of soil sample collection & result interpretation	25	10	46	-	-	-	-	Area expanded (ha)- 120ha, , No. of Farmers adopted- 80, Change in knowledge- 50%
KVK Mayurbhanj-I	Acid soil management for higher production	25	5	25	-	-	-	-	Area expanded (ha)- 150 ha, , No. of Farmers adopted- 105, Change in knowledge- 40%
KVK Mayurbhanj-I	Soil health management in cropping system	25	15	40	-	-	-	-	Area expanded (ha)- 130 ha, , No. of Farmers adopted- 90, Change in knowledge- 45%
KVK Mayurbhanj-I	Soil test based farming	11	10	50	-	-	-	-	Area expanded (ha)- 90 ha, , No. of Farmers adopted- 65, Change in knowledge-47%



## 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			
KVK Mayurbhanj-I	Field Day	2	2	65	12	107	16	5	2	Filed day	Cluster	Vegetative stage
KVK Mayurbhanj-I	Kisan Mela	3	3	575	217	296	404	25	3			
KVK Mayurbhanj-I	Kisan Ghosthi											
KVK Mayurbhanj-I	Exhibition	6	6	460	180	375	845	16	2			
KVK Mayurbhanj-I	Film Show	9	9	55	30	140	30					
KVK Mayurbhanj-I	Method Demonstrations											
KVK Mayurbhanj-I	Farmers Seminar											
KVK Mayurbhanj-I	Workshop											
KVK Mayurbhanj-I	Group meetings	32	32	590	210	320	45					
KVK Mayurbhanj-I	Lectures delivered as resource persons	28	28	137	40	360	220					
KVK Mayurbhanj-I	Newspaper coverage	10	10									
KVK Mayurbhanj-I	Radio talks	5	5									
KVK Mayurbhanj-I	TV talks	1	1									
KVK Mayurbhanj-I	Popular articles											
KVK Mayurbhanj-I	Extension Literature											
KVK Mayurbhanj-I	Farm advisory Services	65	65	4600	780	5700	450					
KVK Mayurbhanj-I	Scientific visit to farmers field	274	274	670	325	1590	360					
KVK Mayurbhanj-I	Farmers visit to KVK	1108	1108	470	8	210	420					
KVK Mayurbhanj-I	Diagnostic visits	80	80	97	23	120	16					
KVK Mayurbhanj-I	Exposure visits		2	69	-	21	-					
KVK Mayurbhanj-I	Ex-trainees Sammelan		-	-								
KVK Mayurbhanj-I	Soil health Camp	1	1	5	16	7	2			Technological week celebration	Soil testing	Post harvest
KVK Mayurbhanj-I	Animal Health Camp	2	2	17	-	19	-			Cow Bullock & Buffalo	Goat, Sheep	
KVK Mayurbhanj-I	Agri mobile clinic											
KVK Mayurbhanj-I	Soil test campaigns											
KVK Mayurbhanj-I	Farm Science Club conveners meet											
KVK Mayurbhanj-I	Self Help Group conveners meetings	1	1		37		63					
KVK Mayurbhanj-I	Mahila Mandals conveners meetings											
KVK Mayurbhanj-I	Celebration of important days	4	4	175	68	85	146	14	1	Akshya Trutiya, World Food day, Women in Agril Day& World Soil Health day		

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

### 7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
KVK Mayurbhanj-I	Quarterly (March'2016)	Quarterly	500	500
KVK Mayurbhanj-I	Quarterly (June'2016)	Quarterly	500	500
KVK Mayurbhanj-I	Quarterly (September'2016)	Quarterly	500	500
KVK Mayurbhanj-I	Quarterly (December'2016)	Quarterly	500	500

### 7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
KVK Mayurbhanj-I	Booklet	Improved agricultural implements	Dr. D. K. Mohanty	500
KVK Mayurbhanj-I	Leaflet	Dhana Pare Buta Chasa	Dr. S. Pattnaik	500
KVK Mayurbhanj-I	Leaflet	Baigyanika Pranalire Khamba alu Chasa(Olichikiri Script)	Dr. S.Pattnaik	500
KVK Mayurbhanj-I	Leaflet	Sankar Jaitya Bilati Baigana Chasa(Olichikiri Script)	Miss S.Mohapatra	500
KVK Mayurbhanj-I	Leaflet	ICT Application in Agriculture	Mr. J.K.Biswal	100

### 7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
KVK Mayurbhanj-I	Audio Cassette	Soil Health and its Management	10 nos
KVK Mayurbhanj-I	Audio Cassette	Backyard poultry rearing	10 nos

## 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.)
KVK Mayurbhanj-I	Cereals	Paddy	Pratikshya	449.2	1127492		14.0
KVK Mayurbhanj-I	Pulses	Blackgram	IPM-02-14	2.5	10000		2.0

### 8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
KVK Mayurbhanj-I	Vegetable Seedlings	Papaya Seedlings	Redlady	6500	1300000	50	1.2
KVK Mayurbhanj-I	Vegetable Seedlings	Tomato seedlings	Sakhyam, JK desi	85000	85000	50	1.3
KVK Mayurbhanj-I	Vegetable Seedlings	Cauliflower seedlings	DWAN-175, Varshamegha	75000	75000	50	0.4
KVK Mayurbhanj-I	Vegetable Seedlings	Chilli Seedlings	Haldi Kadhi	40000	40000	60	1.4
KVK Mayurbhanj-I	Vegetable Seedlings	Cabbage	Indu konark	26000	26000	40	1.0
KVK Mayurbhanj-I	Vegetable Seedlings	Brinjal	Blue star	57000	57000	80	0.2
KVK Mayurbhanj-I	Vegetable Seedlings	Drum stick	PKM-1	200	1400	25	1.6

**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.)
KVK Mayurbhanj-I	-	-	-	-	-	-	-

**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
KVK Mayurbhanj-I	Poultry	Banaraja, Rainbow rooster	21 day old chicks	5527 nos.	359255	310

**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)
KVK Mayurbhanj-I	Operational	2016		205	1001	12	-	429

**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)
KVK Mayurbhanj-I	-	-	-	-	-	-	-	-

**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
KVK Mayurbhanj-I	-	-	-	-	-	-	-	-	-	-

**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)
KVK Mayurbhanj-I	August	2016	Famers' Exposure Visit by PD ATMA, Baripada	2	25	2	-	20
KVK Mayurbhanj-I	July	2016	Training programme for Fish Farmers by DFO, Baripada	2	30	2	-	20
KVK Mayurbhanj-I	October	2016	Orientation training programme for ASHA, Govt. of Odisha	10	30	10	-	20
KVK Mayurbhanj-I	November	2016	Orientation training programme for ASHA, Govt. of	10	40	10	-	20

**KVK Mayurbhanj-I, Odisha**

			Odisha					
KVK Mayurbhanj-I	November	2016	Training Programme for the office bearers of Panipanchayat.	4	30	4	-	20
KVK Mayurbhanj-I	March	2017	Training Programme for the office bearers of Panipanchayat.	4	30	4	-	20
KVK Mayurbhanj-I	March	2017	Training Programme for the office bearers of Panipanchayat.	4	30	4	-	20
KVK Mayurbhanj-I	March	2017	Famers' Exposure Visit by PD ATMA, Anugul	1	30	1	-	20

**12. Utilization of Staff Quarters facilities- Not available**

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
KVK Mayurbhanj-I	30.12.2016	35	<ul style="list-style-type: none"> <li>➤ Performance of hybrid variety may be tested through the OFT programme before promoting in the farmers field.</li> <li>➤ Poly house should be made in a cluster approach for the commercialization.</li> <li>➤ Up scaling of high value crop i.e. capsicum may be taken in cluster approach.</li> <li>➤ In association with the line department KVK may conduct more numbers of Soil samples and distribute soil health card to the farmer</li> <li>➤ Training programme on proper vaccination technique of poultry birds should be imparted to the farmers taking the support of Veterinary surgeon of the district..</li> <li>➤ An awareness programme for women SHG may be organized by District Social Welfare department to aware about the drudgery reduction tools promoted by KVK.</li> <li>➤ All stake holders should promote the drudgery reduction tool suggested by KVK in the district.</li> <li>➤ On farm trial programme of pisciculture on Mahurali &amp; Tilapia may be taken up.</li> <li>➤ Impact of technology for the replication may be assessed.</li> <li>➤ Spread of success stories on year wise in the district.</li> <li>➤ Promotion of Turmeric cultivation in organic way.</li> <li>➤ Technology promotion in a group approach involving bankers of the district.</li> <li>➤ The department of Animal Resources and Development will provide technical backstopping to KVK for conducting activity on animal sector.</li> <li>➤ The department of Agriculture, Mayurbhanj will organize awareness programme on the use of farm machinery, Zero till cultivation and crop diversification.</li> <li>➤ KVK and the department of Agriculture, Mayurbhanj will jointly organize the programme for the promotion of vermicompost in the district.</li> <li>➤ Value addition of Milk mushroom may be taken up.</li> <li>➤ KVK should conduct OFT on Mahua cake</li> <li>➤ Joint visit may be undertaken in the areas of successful demonstration.</li> </ul>

#### 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.		
KVK Mayurbhanj-I	65	10541	125	Farmers Portal	Varietal Evaluation , INM, Farm Mechanization, Post harvest Management , Pisciculture , Backyard poultry, Value addition & Mushroom cultivation.

#### 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
KVK Mayurbhanj-I	BGREI	Central	100000	Monitoring BGREI programme in different blocks of the Mayurbhanj district	Baripada, Suliapada, Shamakhunta, Bangiriposi, Kaptipada, Kuliana, Morada, Rasgovindpur, Betnoti, Sarskana , Khunta & Badasahi(1500ha)	
KVK Mayurbhanj-I	AICRP on ESA	Central	-	Demonstration on Three row & Two row Rice transplanter	Kansapal & Sikarghati(0.5ha)	
KVK Mayurbhanj-I	AICRP on UAE	Central	-	Demonstration on bullock drawn seed cum fertilizer drill and drum seeder	Badakuldiha, Kansapal, ABCpur and Sikarghati ( 2 ha)	

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

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
KVK Mayurbhanj-I	30490126394	422668	5000	5000

N.B: In FY 2016-17 Sale Proceed-Rs.2768643, Bank Interest-Rs. 22012 , Expenditure-Rs.1290627 , Sale Proceed Deposited at OUAT-Rs. 19417696

#### 17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
KVK Mayurbhanj-I	Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protshan Puraskar (Zonal) 2016 for Zone-V	Institution	ICAR, New Delhi	225000.00
KVK Mayurbhanj-I	Best Farmer Award 2016 (Mrs. Solani Soren , Raikanjharan, Betna GP, Block: Baripada , Dist Mayurbhanj )	Farmer	OUAT, Bhubaneswar	-
KVK Mayurbhanj-I	Best Extension Scientist Award (Dr. Sanghamitra Pattnaik, Sr. Scientist & Head, KVK, Mayurbhanj-I)	Individual	OUAT, Bhubaneswar	-

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

a) Have you prepared layout plan, where sent?

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

**b) Details about Technology Park**

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

**c). Crop Cafeteria**

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

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	KVK Mayurbhanj-I	Ratikan Patra	Hybrid paddy seed production in 2.0 ha area	Balimunduli, Shamakhunta, 9777493543
2	KVK Mayurbhanj-I	Bijay Kumar Patra	Paired row planting of various off-season vegetables in shed houses	Girishchandrapur, Khunta, 9438500562
3	KVK Mayurbhanj-I	Prasannajit Mohapatra	Novel technology in managing rice pests and diseases by using 07 different Indigenous products/components	Kenduadiha, Shamakhunta, 9438001895
4	KVK Mayurbhanj-I	Nagendra Maharna	Mixed farming of various vegetables in the same place	Madhunanda, Betnoti, 9853076922
5	KVK Mayurbhanj-I	Lipsa Mohanty	Poultry farming with in-house feed preparation	Kansapal, Bangiriposi, 9437461661
6	KVK Mayurbhanj-I	Sudhir Kumar Acharya	Intercropping of Cereal, pulse and vegetables	Belam, Badasahi, 9439883090
7	KVK Mayurbhanj-I	Nabin Mohanta	Novel technique to harvest rice in muddy conditions (When rain occurs at the time of harvest)	Bholagadia, Shyamakhunta, 9439094429
8	KVK Mayurbhanj-I	Kalpna Bindhani	Novel preparation of value added products from vegetables and fruits	Deulasahi, Baripada, 9861456703
9	KVK Mayurbhanj-I	Geetarani Mohanty	Paddy straw mushroom production by using sterilized compost	Ruchi Mushroom, Takatpur, Baripada, 9861317115
10	KVK Mayurbhanj-I	Rajat Satpathy	Various value added products from milk	Puravi Dairy, ABCpur, Badasahi, 9438232353

**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	4 <sup>th</sup> April 2016 (Awareness programme on Pradhan Mantri Phasal Bima Yojana)	520
2	16 <sup>th</sup> October 2016 ( Celebration of World Food Day)	25
3	4 <sup>th</sup> December 2016 (Celebration of Women in Agril Day)	40
4	5 <sup>th</sup> December 2016 (Celebration of World Soil Health Day & Pre-Rabi Mela Rabi 2016-17))	200
5	23 <sup>rd</sup> March 2017 (Awareness Programme on plant varieties and farmers' rights act( PPV & FRA))	100

**21. Outreach of KVK**

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
KVK Mayurbhanj-I	08	14	40	277

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

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

## 23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Balasore	Cluster Demonstration & Seedlings production	Exchange of knowledge
2	Bhadrak	Pulse Seed production programme	Exchange of knowledge

## 24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
KVK Mayurbhanj-I	Smt Saojini Hembram	04.04.2016	-	-	Hon'ble MP, Rajya Sabha	Attend Farmer's fair
KVK Mayurbhanj-I	Prof. P.N Jagdev	22. 07.2016		Dean , Extension Education , OUAT		KVK Monitoring
KVK Mayurbhanj-I	Dr. Bijaya Kumar Mohapatra	30.12.2016	-	JDE,OUAT		Attending the SAC meeting
KVK Mayurbhanj-I	Smt Saojini Hembram	05.12.2016	-	-	Hon'ble MP, Rajya Sabha	Attended the Celebration of World Soil Day Programme
KVK Mayurbhanj-I	Prof. Satya Ranjan Das	23.03.2017	-		Honorary Professor, Dept PBG, OUAT	Attended the PPV & FRA farmers fair
KVK Mayurbhanj-I	Dr. Subash Chandra Mohapatra	23.03.2017		JDE,OUAT		Attended the PPV & FRA farmers fair
KVK Mayurbhanj-I	Prof. Ashok Mishra	23.03.2017		College of Agriculture, OUAT		Attended the PPV & FRA farmers fair
KVK Mayurbhanj-I	Prof. Banisdhar Pradhan	23.03.2017		College of Agriculture, OUAT		Attended the PPV & FRA farmers fair

## 25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	KVK Mayurbhanj-I	22.01.2011	135	756

## 26. E-CONNECTIVITY-Not available

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			
KVK Mayurbhanj-I	-	-	-	-	-	-	-

## 27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	KVK Mayurbhanj-I	1	1	-

## 28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received( Nos)	Query Disposed( Nos)	Remarks
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1	KVK Mayurbhanj-I	559	559	
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**29. Attended HRD Programmes organized by ZPD**

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
KVK Mayurbhanj-I	Dr. S. Pattnaik	Senior Scientist and Head	1	TSP workshop 2016-17 at IGNTU, Amarkantak
KVK Mayurbhanj-I	Dr. S. Pattnaik	Senior Scientist and Head	1	Zonal workshop held at CIFA, Kausalyaganj, Bhubaneswar
KVK Mayurbhanj-I	Dr. S. Pattnaik	Senior Scientist and Head	1	Zonal Workshop on Cluster Demonstration Oilseed & Pulses
KVK Mayurbhanj-I	Mr. S.Barik	PA(Computer)	1	Workshop on” Digital KVK “at ICAR-Directorate , Zone-VII, JNKVV campus Adhartal ,Jabalpur, M.P.
KVK Mayurbhanj-I	Mr. J.K.Biswal	PA(Computer)	1	Workshop on” Digital KVK “at ICAR-Directorate , Zone-VII, JNKVV campus Adhartal ,Jabalpur, M.P.
KVK Mayurbhanj-I	Miss S. Mohapatra	PA(Soil Science)	1	Review meeting on Pulse Seed Hub Programme at ICAR-Directorate , Zone-VII, JNKVV campus Adhartal ,Jabalpur, M.P.
	<b>Total</b>		<b>6</b>	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
KVK Mayurbhanj-I	4	6

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

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

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

**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)
KVK Mayurbhanj-I	-	-

**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
KVK Mayurbhanj-I	-	-	-



### 33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
KVK Mayurbhanj-I	Soil health Camp	1	12	
KVK Mayurbhanj-I	Awareness on soil pollution and management	1	30	
KVK Mayurbhanj-I	Animal Health Camp on Small and Large animal	2	36	

### 34. INTERVENTIONS ON DROUGHT MITIGATION

#### Introduction of alternate crops/varieties

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

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

Name of KVK	Crops	Area (ha)	Number of beneficiaries

#### Farmers-scientists interaction on livestock management

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

#### Animal health camps organized

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

#### Seed distribution in drought hit states

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

#### Seedlings and Saplings distributed

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

#### Bio-control Agents

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

#### Bio-Fertilizer

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

#### Vermis Produced

Name of KVK	Vermis 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







<b>Sr. no.</b>	<b>Name of KVK</b>	<b>No. of success stories</b>	<b>No. of case studies</b>

**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) –**




FLD PROGRAMME 2016-17










		
Nursery bed preparation	Mat type nursery	Demonstration on 4 row walk behind rice transplanter for rice transplanting
		
Demonstration on tractor drawn multi crop seed cum fertilizer drill for sowing maize	Germination stage of FLD plot	Vegetative stage of FLD plot
		
Demonstration on bullock drawn drum seeder for sowing pre-germinated paddy seeds		

Demonstration on application of CIFAX in controlling EUS			
	Volumetric measurement of CIFAX according to pond area and depth of water spread area and depth of pond	Application of CIFAX in the pond	Monitoring of health condition of fish during monthly sampling





Demonstration of RIR breed		
Demonstration of grain pro super grain bag for storing of cereals (Rice)		
Demonstration of Sun flower thresher bench for drudgery reduction of farm women		
	Threshing of sun flower by Sun flower thresher	Weighing of sun flower after threshing

**OFT PROGRAMME 2016-17**

<b>OFT Title:</b> Assessment of incubated Bio-fertilizer in yield of Cauliflower			
<b>OFT Title:</b> Assessment of different ornamental plants in poly house thorough out the year			
<b>OFT Title:</b> Assessment of planting time in tissue culture banana			

<b>OFT Title:</b> Assessment of multi crop seed cum fertilizer drill for direct seeding of rice			
	Operation of seed cum fertilizer drill for DSR		Application of weedcides
<b>OFT Title:</b> Assessment of bullock drawn three row seed cum fertilizer drill for sowing maize for small and marginal farmer			
	Operation of bullock drawn three row seed cum fertilizer drill	Operation of tractor drawn five row seed cum fertilizer drill	Crop in vegetative stage and intercultural operation
<b>OFT Title:</b> Assessment of tractor drawn zero till drill for sowing green gram in rice- green gram cropping system			
	Operation of zero till seed cum fertilizer drill	Operation of zero till seed cum fertilizer drill	Crop in zero tillage method

**OFT of Home Science 2016-17**

<b>OFT Title:</b> Assessment of three row manual transplanter for drudgery reduction of farm women		
	Transplanting by three row manual Paddy transplanter	Paddy field transplanted by three row transplanter
<b>OFT Title:</b> Assessment of Solar pump for drudgery reduction of farm wome		
<b>OFT Title:</b> Assessment of calcium supplementation during egg laying in backyard poultry rearing.		
<b>OFT Title:</b> Assessment of balanced feeding to pregnant and lactating does	