

**ANNUAL  
PROGRESS REPORT**  
( April 2015 to March 2016 )

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MAYURBHANJ-1**



**Directorate of Extension Education  
Orissa University of Agriculture & Technology  
Bhubaneswar, Orissa**



# Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16	4
1	General Information	6
2	On Farm Testing	9
3	Achievements of Frontline Demonstrations	17
4	Documentation of the need assessment conducted by the KVK for the training programme	25
5	Training programmes	26
6	Extension Activities	33
7	Literature Developed/Published (with full title, author & reference)	34
8	Production and supply of Technological products	35
9	Activities of Soil and Water Testing Laboratory	36
10	Rainwater Harvesting	36
11	Utilization of Farmer Hostel facilities	36
12	Utilization of Staff Quarter facilities	37
13	Details of SAC Meeting	37
14	Status of Kisan Mobile Advisory	37
15	Status of Convergence with agricultural schemes	38
16.	Status of Revolving Funds	38
17.	Awards & Recognition	38
18.	Details of KVK Agro-technological Park	38
19.	Farm Innovators	39
20.	KVK interaction with progressive farmers	39
21.	Outreach of KVK	39
22.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	40
23.	KVK Ring	40
24.	Important visitors to KVK	40
25.	Status of KVK Website	41
26.	Status of E-connectivity	41
27.	Status of RTI	41
28.	Status of Citizen Charter	41
29.	Attended HRD activities organized by ZPD	41
30.	Attended HRD activities organized by DES	42
31.	Attended HRD activities by KVK Staff	42
32	Agri Alert report	42
33.	Details of Technological Week Celebration	42
34.	Interventions on Drought Mitigation	43
35.	Proposal of NICRA	44
36.	Proposed works under NAIP	45
37.	Case study / Success Story to be developed	45
38.	Action Photographs	47

## **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 2015 to March 2016**  
**Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16**

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
<b>1</b>	<b>On Farm Testing</b>			
	Proposed OFT	16	172	
	On Going OFT	03	41	
	Technologies assessed (Completed OFT)	10	92	
	Technologies refined			
	On farm trials conducted	13	132	
<b>2</b>	<b>Frontline demonstrations</b>			
	Proposed Frontline demonstrations	20	180	
	On Going Frontline demonstrations			
	FLDs conducted on crops	5	50	
	Area under crops (ha.)	21.1		
	FLD on farm implement and tools	04	40	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)			
	FLD on Fisheries - Finger lings	04	20	
	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.)	04	40	
<b>3</b>	<b>Training programmes</b>	<b>No. of Course</b>	<b>Duration (days)</b>	<b>Participants</b>
	Farmers	22	43	575
	Farm women	07	14	175
	Rural youth	12	51	170
	Extension personnel/ In service	05	10	126
	Vocational trainings			
	Sponsored Training	01	30	30
	<b>Total</b>	47	148	1076
		<b>No. of programmes</b>	<b>Participants</b>	
<b>4</b>	<b>Extension Programmes</b>	<b>995</b>	<b>7370</b>	
<b>5</b>	<b>Production of technology inputs etc</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Seed (qt.)	384		
	Planting material produced (nos.)	171,414	268	
<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.)	1,77,500 nos.	20	
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)	5722 nos.	325	

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)		
	Publications ( Res. Paper/ pop. Art./Bulletin,etc.)	40	1025
	KVK News letter	04	2000
	SAC Meetings conducted	02	40
	Soil sample tested	200	1032
	Water sample tested	30	30
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	112	6850
	Convergence programmes	12	700
	Sponsored programmes	01	30
	KVK Progressive Farmers interaction	01	25
	No. of Technology Week Celebrations	01	226
	Attended HRD activities organized by ZPD	04	
	Attended HRD activities organized by DES	04	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	02	
9	Current status of Revolving Funds ( Amt. in Rs.)		2075928/-
10		<b>No. of blocks</b>	<b>No. of villages</b>
	Outreach of KVK in the District	10	10
11		<b>ICAR</b>	<b>SAU</b>   <b>Others</b>
	No. of important visitors to KVK (nos.)	02	05   04
12		<b>Working (Yes/No)</b>	<b>No. of Update</b>
	Status of KVK Website	Yes	124
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.)	321	321
15		<b>Working (Yes/No)</b>	<b>No. of programme viewed</b>
	E-connectivity	No	
16		<b>Filled</b>	<b>Vacant</b>
	Staff Position	12	04
17	Workshop/ Seminar/ Conference attended by staff of KVK ( nos)		
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)	Mango Shoot Gall Psylla	CHES,Bhubaneswar

# GENERAL INFORMATION

## 1.1. Staff Position (as on date)

### Summary of Staff position in KVKs on March, 2016

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Mayurbhanj	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
Mayurbhanj	Programme Coordinator	Dr. S. Pattnaik	Horticulture	Ph.D.	Floriculture	15600 -39100		12.11.2015	Permanent	General
Mayurbhanj	Subject Matter Specialist1	Dr. D. K. Mohanty	Agril. Engg.	Ph.D.	Farm Machinery and Power	15600 -39100		11.03.2005	Permanent	General
Mayurbhanj	Subject Matter Specialist2	Mr. B. Samantaray	Fishery Science	M.Sc. (Fishery Sc.)	Inland Aquaculture	15600 -39100		12.01.2006	Permanent	General
Mayurbhanj	Subject Matter Specialist3	Mrs. J. Bhuyan	Home Science	M.Sc. (Home Sc.)	Food nutrition and	15600 -39100		23.10.2009	Permanent	OBC
Mayurbhanj	Subject Matter Specialist4	Vacant								
Mayurbhanj	Subject Matter Specialist5	Vacant								
Mayurbhanj	Subject Matter Specialist6	Vacant								
Mayurbhanj	Programme Assistant	Miss S. Mahapatra	Soil Science	M.Sc. (Soil science)	Soil science	9300-34800		21.12.2015	Permanent	General
Mayurbhanj	Farm Manager	Mr. M. Adhikari	Plant Protection	M.Sc. (Ag.)	Entomology	9300-34800		26.09.2011	Permanent	General
Mayurbhanj	Computer Programmer	Mr. S. K. Barik	Computer Science	DOEACC, "O/A", MCA	VB & Oracle	9300-34800		11.07.2005	Permanent	OBC
Mayurbhanj	Accountant / superintendent	Vacant								
Mayurbhanj	Stenographer	Mr. R.N.Pati	Arts	Master in Arts	Public Administration	5200-20200		16.10.2006		General
Mayurbhanj	Driver	Mr. P.K.Biswal				5200-20200		25.07.2007		OBC
Mayurbhanj	Driver	Mr. B.K.Behera				3050—4590		18.07.2008		OBC
Mayurbhanj	Supporting staff	Mr. D.Swain				4440-7440		20.12.2007		OBC
Mayurbhanj	Supporting staff	Mr. P.Martha				4440-7440		19.12.2007		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
Mayurbhanj	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)
Mayurbhanj	Belam	2014	Badasahi	24 km	587	316
Mayurbhanj	Kansapal	2014	Bangiriposi	48 km	475	280
Mayurbhanj	Tarajudi	2013	Shamakhunta	20 km	250	124
Mayurbhanj	Jhalliamara	2012	Suliapada	30 km	375	63
Mayurbhanj	Kailash ChandraPur	2012	Bariapada	18 km	1025	118
Mayurbhanj	Machhia	2009	Kaptipada	62 km	315	50
Mayurbhanj	Dabak	2009	Khunta	43 km	350	72
Mayurbhanj	Madhunanda	2009	Betnoti	55 km	430	63
Mayurbhanj	Baunsabilla	2006	Shamakhunta	09 km	2400	145
Mayurbhanj	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
Mayurbhanj	Seed production programme in paddy & vegetables
Mayurbhanj	Aromatic rice cultivation
Mayurbhanj	Oilseed and pulse cultivation
Mayurbhanj	Off season & hybrid vegetable cultivation
Mayurbhanj	Organic Farming and Vermi-composting
Mayurbhanj	Farm Mechanization
Mayurbhanj	Cultivation of Fruit and development of orchards
Mayurbhanj	Bee keeping
Mayurbhanj	Mushroom cultivation
Mayurbhanj	Value addition of fruits & vegetables
Mayurbhanj	IPM and IDM in field crops and vegetables
Mayurbhanj	Nutritional garden
Mayurbhanj	Soil reclamation and use of micro nutrients

Mayurbhanj	Micro-irrigation and use of plastic in agriculture
Mayurbhanj	Back yard poultry cultivation & Goatery
Mayurbhanj	Commercial pisciculture
Mayurbhanj	Commercial floriculture
Mayurbhanj	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
Mayurbhanj	Low productivity due to improper planting techniques and water management in paddy	PRA, Group discussion	All blocks
Mayurbhanj	Low income and distress sale of paddy grains	PRA, Group discussion, Secondary data	All blocks
Mayurbhanj	Low yield for ruling varieties in paddy in medium land	PRA	All blocks
Mayurbhanj	Pest and disease management in paddy	PRA	All blocks
Mayurbhanj	Weed problem in upland and medium land paddy	PRA	All blocks
Mayurbhanj	Improper plant population and more cost in weeding on paddy	PRA, Group discussion	All blocks
Mayurbhanj	Low level of mechanization	PRA, Group discussion	All blocks
Mayurbhanj	Improper management of water for irrigation	Group discussion, Secondary data	All blocks
Mayurbhanj	Loss of quality and quantity of paddy grains due to faulty PHT	Group discussion, Secondary data	All blocks
Mayurbhanj	Low yield of oilseed and pulse crops due to unscientific method of cultivation and soil acidity	PRA, Group discussion	All blocks
Mayurbhanj	Low profit due to increase in cost of cultivation and unavailability of labors in time	PRA, Group discussion, Secondary data	All blocks
Mayurbhanj	Low yield of oilseed and pulse crops due to pest and diseases	PRA, Group discussion	All blocks
Mayurbhanj	Unavailability of quality composts	PRA, Group discussion	All blocks
Mayurbhanj	Low return from maize cultivation	Secondary data	All blocks
Mayurbhanj	Low productivity from vegetables due to pest & diseases	PRA, Group discussion	All blocks
Mayurbhanj	Low productivity and return from fruits	PRA, Group discussion	All blocks
Mayurbhanj	Low productivity and return from traditional suckers	PRA, Group discussion	All blocks
Mayurbhanj	Low productivity and return from tuber crops	Group discussion, Secondary data	All blocks
Mayurbhanj	Low return from fruits and vegetables	PRA, Group discussion, Secondary data	All blocks
Mayurbhanj	Drudgery of farm women due to manual weeding and threshing	Group discussion, Secondary data	All blocks
Mayurbhanj	Unavailability of nutritious balanced diets to farm women	Group discussion, Secondary data	All blocks
Mayurbhanj	Low income of rural youth and farm women due to lack of Entrepreneurship	PRA, Group discussion	All blocks
Mayurbhanj	Low income of farm women due to improper animal rearing practices	PRA, Group discussion	All blocks
Mayurbhanj	Low output of livestock and fishery	PRA, Group discussion, Secondary data	All blocks
Mayurbhanj	Improper pre and post stocking management practices	PRA, Group discussion	All blocks



Mayurbhanj	Un utilization of small and seasonal ponds	PRA, Group discussion	All blocks
Mayurbhanj	Heavy loss and skimpy growth rate in Pisciculture practices	PRA, Group discussion	All blocks
Mayurbhanj	Under utilization of GP ponds	PRA, Group discussion, Secondary data	All blocks
Mayurbhanj	Disease occurrence leads to heavy mortality both in nursery as well as culture pond	PRA, Group discussion	All blocks

## 2. On Farm Testing

Note-

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

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

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

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

### 2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)					Net Returns (Rs./ha)					Recommendations
										FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T <sub>3</sub>	T <sub>4</sub>	T <sub>5</sub>	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T <sub>3</sub>	T <sub>4</sub>	T <sub>5</sub>	
Mayurbhanj	2015-16	Kharif	Very low profitability and remunerative in short duration paddy and fallow lands	Assessment of different off season vegetable crops	Assessment	Varietal substitution	Vegetables	Partially irrigated upland	05	-	160	60	180	120	-	185000	198000	140000	116000	Planting of off-season vegetable crops like Tomato, French Bean, Radish & Cauliflower in irrigated uplands during July-Aug is highly recommended
Mayurbhanj	2015-16	Rabi	Farmers are reluctant to apply costly Potassic (K <sub>2</sub> O) and Phosphoric fertilizers	Assessment of Integrated Nutrient Management in Pointed Gourd in rice-vegetable cropping system	Assessment	Integrated nutrient management	Pointed Gourd	Irrigated Upland	07	174	161	158	-	-	177200	165300	162900	-	Application of Nutrients from organic as well as inorganic sources don't significantly lower the yield, however it becomes practicable for the farmers at the time of fertilizer scarcity	

Mayurbhanj	2015	Kharif	High pest incidence to an extent of 14 % in favorable environment leads to severe yield loss	Assessment of Gall-midge management in rice by integrated methods	Assessment	Integrated pest Management	Paddy	Rain-fed medium	13	42.5	49.0					30,375	38150			
Mayurbhanj	2015	Kharif	High incidence and severity of Tomato Leaf Curl, Early Blight and Bacterial Wilt diseases	Assessment of Tomato hybrid "Arka Samrat" for triple resistance	Assessment	Varietal substitution and IDM	Vegetable	Irrigated upland	13	130	190	210				67,500	1,11,200	1,27,000		
Mayurbhanj	2015	Kharif	Low yield due to high weed infestation in shallow low and medium land rice ecosystem	Assessment of Weed management in Direct seeded rice	Assessment	Weed management	Paddy	Rain-fed medium	05	39.8	43.5	47	50.8			24,500	28,125	31,500	35,500	
Mayurbhanj	2015-16	Rabi	Low yield of paddy due to uneven plant population and high cost of cultivation in manual transplanting	Assessment of bullock drawn drum seeder in paddy cultivation	Assessment	Farm machineries	Paddy	Irrigated medium land	13	37.9	38.2					19895	24688			Bullock drawn drum seeder may be popularized

Mayurbhanj	2015-16	Rabi	Low yield of green gram due to uneven plant population in broadcasting method of sowing of green gram and less net return due to high cost of cultivation, more labour and time requirement	Assessment of tractor drawn seed cum fertilizer drill for sowing green gram	Assessment	Farm machineries	Green gram	Irrigated medium land	13	7.3	7.8									21740	24700			Seed drill may be popularized for line sowing of green gram		
Mayurbhanj	2015	Kharif	High energy and labour requirement in puddling operation prior to mechanized transplanting and also low yield due to delay in land preparation & transplanting	Assessment of various crop establishment methods in paddy by mechanical transplanter in paddy based cropping system	Assessment	RCT	Paddy	Irrigated medium land, mechanized transplanting	07	39.5	38.2	36.4											22035	23930	20880	Mechanized transplanting may be done in unpuddled condition
Mayurbhanj	2015	Kharif	Under utilization of pond carrying capacity	Assessment of fish production by intercropping different species of minor carps in IMC culture practices	Assessment	Production management practices	Pisciculture	Irrigated /Low land	05	27.20	29.58			1,34,000	1,53,300											In intercropping minor carps there is increase in yield of 14.4%



Mayurbhanj	Assessment of Gall-midge management in rice by integrated methods	Incidence of RGM (%)	8.9	1.2							57375	66150					30375	38150			2.13	2.36				
Mayurbhanj	Assessment of Tomato hybrid "Arka Samrat" for triple resistance	% LC	54	33	04																					
		%BW	29	11	0																					
Mayurbhanj		% ALB	25	20	5						104000	152000	168000				67500	111200	127000			2.77	3.73	4.12		
Mayurbhanj	Assessment of Weed management in Direct seeded rice	Weed Density (No./M <sup>2</sup> )	18.2	9.7	5.4	2.8																				
		Weed dry matter(g /M <sup>2</sup> )	11.6	5.2	2.1	1.2		25250	26250	27250	28000		49750	54375	58750	63500		24500	28125	31500	35500		1.97	2.07	2.16	2.27
		Weed control efficiency (%)	-	55.17	81.90	89.66																				
Mayurbhanj	Assessment of bullock drawn seeder in paddy cultivation	Field capacity (ha/h)	0.067	0.18																						
		Labour requirement (Mandays/ha)	29.85	1.85																						
		Time requirement (hrs/ha)	15	6																						
		Cost of sowing (Rs./ha)	5970	1612				27480	23122				47375	47750				19895	24628				1.72	2.07		
		Field efficiency (%)		71																						



			attack makes the farmers dispose their products at low price in distress sale condition	pulses			T 3 -Storage of cereals using grain pro super grain bag				
Mayurbhanj	2015-16	Rabi	Calcium deficiency in layers leading to irregular egg production	Assessment of calcium supplementation during egg laying in backyard chicken farming.	<b>Assessment</b>	Nutrition management	T2:4 ml of calcium per day per layer bird T3: 100 gm of feed per day along 4ml of calcium /day/layer bird	Poultry	Homestead	13	
Mayurbhanj	2015-16	Rabi	Low birth weight, high disease incidence rate.	Assessment of balanced feeding to pregnant and lactating does.	<b>Assessment</b>	Feeding technique	T2 :100 gm of balanced feed in diet of does in pre parturient period along with mineral mixture 15 gm/day T3 : 150 gm of balanced feed in diet of does in pre parturient period along with mineral mixture 15 gm/day. T4 : 100 gm of balanced feed in diet of does in pre parturient period and 150 gm of balanced feed in diet in lactation period.	Goatery	Semi intensive goat husbandry	13	RESULT AWAITED





### 3. Achievements of Frontline Demonstrations

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Mayurbhanj	Rice	Farm machineries	Weeding and intercultural operation by power SRI paddy weeder in SRI method of rice cultivation	Training, group discussion, farmers fair	125	550	1200
Mayurbhanj	Groundnut	Farm machineries	Bullock drawn plough planter for sowing groundnut	Training, group discussion, farmers fair	30	90	180
Mayurbhanj	Groundnut	Farm machineries	Tractor drawn seed-cum-fertilizer drill for sowing groundnut	Training, group discussion, farmers fair	75	300	650
Mayurbhanj	Green gram	Farm machineries	Tractor drawn seed-cum-fertilizer drill for sowing green gram	Training, group discussion, farmers fair	20	75	120
Mayurbhanj	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
Mayurbhanj	Pisciculture	Integrated 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
Mayurbhanj	Pisciculture	Disease management	Demonstration on control of EUS using CIFAX	Transfer of technology through field functionaries of the department of fisheries	30	300	80
Mayurbhanj	Pisciculture	Feed Management	Demonstration on Vitamin-Mineral Premix with traditional feed on increasing fish yield (Continuing)	Transfer of technology through field functionaries of the department of fisheries	04	12	6.0
Mayurbhanj	small scale irrigation	Drudgery reduction	Demonstration of Treadle pump for small scale irrigation	Training, group discussion, farmers fair	21	58	12.0
Mayurbhanj	Paddy	Drudgery reduction	Demonstration of TNAU traps for storage of grains	Training, group discussion, farmers fair	34	65	-
Mayurbhanj	Backyard poultry	Backyard poultry	Demonstration on poultry breed "Rainbow Rooster"	Training, group discussion, farmers fair	18	47	-

Note-

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

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

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

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

### 3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Enterprises	Crop- Area (ha) / Entrep- No.	Results (q/ha)			No. of farmers				
								FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	% change	SC	ST	Others	General	Total
Mayurbhanj	2015	Kharif	Off-season vegetable cultivation	Cultivation of off-season cauliflower	Cauliflower	Cultivation of off-season cauliflower	1.0	150	122	-19	0	10	0	0	10
Mayurbhanj	2015	Kharif	Protected cultivation	Size of tunnel 10x5 m , dome shape, use of locally available material such as bamboo, U.V stabilized polythene.	Vegetable	Use of low-cost poly-tunnels for raising vegetable seedlings	0.05	40000	110000	175	1	8	1	0	10
Mayurbhanj	2015-16	Rabi	Production of low volume & high value crop	Cultivation of capsicum with recommended package and practices	Vegetable	Capsicum (Bell pepper)	1.0	110	209	90	1	8	1	0	10
Mayurbhanj	2015	Kharif,	Integrated pest management	Use of non – chemical pest management package in rice	Paddy	Ranidhan	2.0	43.8	45.5	3.9	2	6	2	0	10
Mayurbhanj	2015	Kharif,	Integrated disease management	Disease management by chemical and mechanical methods	Brinjal	Bluestar	2.0	125	158	26.4	1	6	3	0	10
Mayurbhanj	2015	Kharif,	Farm machineries	Tractor drawn 5 rows multi crop planter for sowing maize	Maize	Tractor drawn multi crop planter	2.0	96	104	8.34	0	6	3	1	10

Mayurbhanj	2015-16	Rabi	Farm machineries	Line sowing of groundnut by power tiller drawn multi crop planter	Groundnut	Power tiller drawn multi crop planter	2.0	20.1	20.5	2.0	1	7	1	1	10
Mayurbhanj	2015-16	Rabi	Farm machineries	Line sowing of groundnut by bullock drawn 5 row seed cum fertilizer drill	Groundnut	Bullock drawn 5 row seed cum fertilizer drill	2.0	19.6	20.3	3.6	2	5	3	0	10
Mayurbhanj	2015-16	Rabi	Resource conservation technology	Mechanical puddling and levelling and cyclic 5cm submergence of water in paddy field has to be continued throughout the crop period	Paddy	Water management practices in paddy cultivation	2.0	38.6	43.4	12.4	0	7	3	0	10
Mayurbhanj	2015	Kharif	Small scale income generation	Demonstration of Fry fingerling production in small season ponds	Pisciculture	Fish Fry of IMC	1/05				0	2	3	0	5
Mayurbhanj	2015	Kharif	Production management	Demonstration on stocking of stunted fish fingerling in pisciculture	Pisciculture	Stunted IMC fingerlings	1/05	16.8	21.5	30.48	1	0	0	4	5
Mayurbhanj	2015-16	Rabi	Disease Management	Demonstration on control of EUS using CIFAX	Pisciculture	CIFAX	1/05	16.4	19.8	20.73	0	5	0	0	5
Mayurbhanj	2015-16	Rabi	Disease Management	Demonstration on Vitamin-Mineral Premix with traditional feed on increasing fish yield	Pisciculture	Vitamin Mineral premix	1/05	Continuing			0	5	0	0	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> )
Mayurbhanj	Cultivation of off-season cauliflower	Vegetable	Curd Size	6	5	20000	32000	90,000	183,000	70,000	151000	4.5	5.7
			Curd Weight	800	650								
Mayurbhanj	Size of tunnel 10x5 m , dome shape, use of locally available material such as bamboo, U.V stabilized polythene.	-	Mortality	40	5	8000	13500	20,000	55,000	12,000	41,500	2.5	4.07
			Duration	30	25								
			Growth rate	Stunted to poor	Good								
Mayurbhanj	Cultivation of capsicum with recommended package and practices	Capsicum	Yield	110	209	54,000	66,700	1,65,000	3,13,500	1,11,000	2,46,800	3.05	4.7
Mayurbhanj	Use of non – chemical pest management package in rice	Paddy	Pest incidence Stem borer (Dead heart)	9.5 %	3.1%	26,600	25,250	54,750	56,875	28150	31,625	2.06	2.25
			Leaf folder	16.6 %	5.2 %								
			Case worm	11.3 %	3.3 %								
			Stem borer (white ear head)	4.8 %	2.2 %								
Mayurbhanj	Disease management by chemical and mechanical methods	Brinjal	<b>Disease incidence 40 DAT</b>	<b>13.6</b>	<b>3.8</b>	40000	42500	187500	237000	147500	194500	4.69	5.58
			<b>70 DAT</b>	<b>25.2</b>	<b>6.2</b>								
Mayurbhanj	Tractor drawn 5 rows multi crop planter for line sowing maize	Maize	Field capacity (ha/h)	0.028	0.35	38603	36250	67200	72800	28597	36550	1.74	2.01
			Labour requirement (Man-days/ha)	23.8	0.95								
			Cost of sowing (Rs./ha)	4152	1799								
			Field efficiency (%)	-	80								

Mayurbhanj	Line sowing of groundnut by power tiller drawn multi crop planter	Groundnut	Field capacity (ha/h)	0.025	0.16	24880	22129	64320	65600	39440	43471	2.59	2.96
			Labour requirement (Man-days/ha)	26.67	1.04								
			Time requirement (hrs/ha)	40	6								
			Cost of sowing (Rs./ha)	4653	1902								
			Field efficiency (%)	-	78								
Mayurbhanj	Line sowing of groundnut by bullock drawn 5 row seed cum fertilizer drill	Groundnut	Field capacity (ha/h)	0.025	0.13	24950	22002	62720	64960	37770	42958	2.51	2.95
			Labour requirement (Man-days/ha)	26.67	2.56								
			Time requirement (hrs/ha)	40	7.7								
			Cost of sowing (Rs./ha)	4693	1745								
			Field efficiency (%)		78								
Mayurbhanj	Mechanical puddling and levelling and cyclic 5cm submergence of water in paddy field has to be continued throughout the crop period	Paddy	No. of tiller/hill after 30 DAS	14	19	27700	27200	48250	54250	20550	27050	1.74	1.99
			No. of tiller/hill after 45 DAS	16	22								
			No. of tiller/hill after 60 DAS	19	27								
Mayurbhanj	Demonstration of Fry fingerling production in small season ponds	Pisciculture	Survivability(%)	-	61%		55800	112600			56800	-	2.8
Mayurbhanj	Demonstration on stocking of stunted fish fingerling in pisciculture	Pisciculture	Yield(q/ha)	16.8	21.5	38600	58600	67800	154600	25800	99300	1.7	2.6
Mayurbhanj	Demonstration on control of EUS using CIFAX	Pisciculture	Mortality (%)	16	3.1	62500	71300	138000	206770	76000	135470	1.8	2.9

Mayurbhanj	Demonstration on Vitamin-Mineral Premix with traditional feed on increasing fish yield	Pisciculture	Continuing										
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### 3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Mayurbhanj	2015	Kharif	Drudgery reduction	Bhindi plucking is a drudgery prone activity causes hand injury	Bhindi plucker is a tool helps in plucking of bhindi without causing any itching and hand injury	Bhindi plucker	Bhindi plucker	Rainfed	1 ha	10
Mayurbhanj	2015	Kharif	Drudgery reduction	High drudgery and more time requirement as well as low efficiency on manual lifting of water from open well	,Pair of 6ft long bamboo pedals used to leverage up and down movement	Treadle pump	Treadle pump	Homestead	1 ha	10
Mayurbhanj	2015-16	Rabi	Value addition	low return due to higher content of impurities and poor keeping quality incases of improper drying	Dehydrated cereals and pulses products drying by low cost solar dryer(LCSD)	Enterprise	Enterprise	Homestead	-	10
Mayurbhanj	2015-16	Rabi	Varietal evaluation of breed	Low egg laying capacity of birds	RIR are good layers, providing between 180 and 230 eggs a year in ideal conditions	Poultry	Poultry	Homestead	100 nos.	10

### 3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m <sup>2</sup> /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savings in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Mayurbhanj	Bhindi plucker is a tool helps in plucking of bhindi without causing any itching and hand injury	Plucking efficiency (Kg /hr)-5.4	8.2	11.15	8.92	184	118	-	20	-	51.8	-	-	-	-	-	-	-	-	-	-	-	-
Mayurbhanj	,Pair of 6ft long bamboo pedals used to leverage up and down movement	Out put (lit/hr)-419	3209	11.59	10.34	127	120		11		665												
Mayurbhanj	Dehydrated cereals and pulses products drying by low cost solar dryer(LCSD)											Initial weight (gm)-1000 Final weight(gm)-902 Time taken for drying(hr)-26	Initial weight(gm)-1000 Final weight(gm)-805 Time taken for drying(hr)-13										
Mayurbhanj	RIR are good layers, providing between 180 and 230 eggs a year in ideal conditions											(1 unit 20 no of birds)18.65	21.85	1810	1810	5579	6595	-	-	3769	4785	1016	FP-3.08 RP-3.64

### 3.6 Training and Extension activities proposed under FLD

KVK Name	Crop/Enterprise	Activity	No. of activities organized	Number of participants	Remarks
Mayurbhanj	Tractor drawn multi crop planter for sowing maize	Training(F/FW), Training(RY)	02	35	
Mayurbhanj	Sowing of groundnut by power tiller drawn multi crop planter	Training(F/FW), Training(RY)	02	35	
Mayurbhanj	Sowing of groundnut by bullock drawn 5 row seed cum fertilizer drill	Training(F/FW), Training(RY)	02	35	
Mayurbhanj	Water management practices in paddy cultivation	Training(F/FW)	01	25	
Mayurbhanj	RIR breed poultry	Training(F/FW)	01	25	
Mayurbhanj	Bhindi plucker	Training(F/FW)	01	25	
Mayurbhanj	Pisciculture	Training(F/FW)	02	15	
Mayurbhanj	Cauliflower	Training(F/FW)	02	25	
Mayurbhanj	Paddy	Training(F/FW)	02	50	
Mayurbhanj	Brinjal	Training(F/FW)	02	50	

### 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
Mayurbhanj	Economically viable and sustainable for all Maize farmers by using tractor drawn seed cum fertilizer drill	Line sowing, 5 rows, row to row distance adjustable, both fertilizer and seeds fall simultaneously, row to row spacing – 60 cm, plant to plant spacing- 45 cm	Cost, labour and more important time saving	Recommended to line department for popularization of the technology
Mayurbhanj	Economically viable for all power tiller owner by using seed cum fertilizer drill for sowing groundnut	Power tiller drawn multi-crop seed cum fertilizer drill for sowing groundnut, Well pulverized seed bed preparation, seed and fertilizer sown	Cost and labour savings with higher yield	Recommended to line department for popularization of the technology
Mayurbhanj	Economically viable and regionally applicable for small and medium ground nut farmers for sowing groundnut by bullock drawn 5 row seed cum fertilizer drill	Bullock drawn multi-crop seed cum fertilizer drill for sowing groundnut, Well pulverized seed bed preparation, seed and fertilizer sown	Cost and labour savings with higher yield	Recommended to line department for popularization of the technology



Mayurbhanj	Sustainable for paddy farmers especially in Rabi season	Mechanical puddling and levelling and cyclic 5cm submergence of water in paddy field has to be continued throughout the crop period. Maintaining 2 cm of water up to seven days of transplanting	Less water with higher yield	Recommended to line department for popularization of the technology
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#### 4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Mayurbhanj	More trial on mechanized transplanting in unpuddled conditions to be done in research field
Mayurbhanj	Availability of different seed drill should be ensured for rapid horizontal speed with inclined plate metering mechanism
Mayurbhanj	Power tiller operated multi-crop seed cum fertilizer drill should have attachment facilities to all make and models of power tiller
Mayurbhanj	Manual drawn drum seeder should be made where the bullocks are not available for sowing sprouted rice seeds in puddled condition.
Mayurbhanj	Effective non-chemical pest and disease management schedules should be developed for various field and vegetable crops.

#### 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
Mayurbhanj	F/FW	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	29 <sup>th</sup> and 30 <sup>th</sup> may 2015 in Lalganj, 13 <sup>th</sup> and 14 <sup>th</sup> june 2016 in KVK campus,, 18 <sup>th</sup> june 2016 in Bholagadia,19 <sup>th</sup> and 20 <sup>th</sup> june in Dubukisahi, 20 <sup>th</sup> june in Kenduadhia, 8 <sup>th</sup> july 2016 in Tarajodi,8 <sup>th</sup> and 9 <sup>th</sup> july i n Ambudubi , 10 <sup>th</sup> to13th Aug 2015, 8 <sup>th</sup> -11 <sup>th</sup> sept in Arachandabilla, 8 <sup>th</sup> and 9 <sup>th</sup> sept.2015,22 <sup>nd</sup> and 23 <sup>rd</sup> sept.2015 in Bhagabat chandrapur,26 <sup>th</sup> sept 2016 in Tarajodi,28 <sup>TH</sup> and 29 <sup>th</sup> sept 2015,19 <sup>th</sup> and 20 <sup>th</sup> oct 2016, in Aniapal,26 <sup>th</sup> -29 <sup>th</sup> oct 2016 in kvk campus15 <sup>th</sup> and 16 <sup>th</sup> Feb 2016 in Ambudubi,14 <sup>th</sup> and 15 <sup>th</sup> march 2016 in in kvk campus	415
Mayurbhanj	RY	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.	28 <sup>th</sup> and 29 <sup>th</sup> april201,5 KVK campus, 22 <sup>nd</sup> and 23 <sup>rd</sup> sept.2015, in KVK campus14-18 <sup>th</sup> Dec.2015 in Anua,28 <sup>th</sup> -31 <sup>st</sup> march 2016 , in KVK campus	85
Mayurbhanj	IS	Interview method and analysis of professional performance by group exercise	21 <sup>st</sup> and 22 <sup>nd</sup> Aug 2015,26 <sup>th</sup> and 27 <sup>th</sup> Aug 2015,18 <sup>th</sup> and 19 <sup>th</sup> March 2016,28 <sup>th</sup> and 29 <sup>th</sup> 2016 and 30 <sup>th</sup> and 31 <sup>st</sup> 2016 in KVK campus.	129

### 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
Mayurbhanj	FW	ONC	HOF	Package and practices of papaya & Banana	1	2	0	0	1	0	16	8	0	0
Mayurbhanj	FW	ONC	HOV	Off season vegetable cultivation	1	2	0	0	0	0	25	0	0	0
Mayurbhanj	FW	ONC	HOV	Nursery raising techniques in vegetable and fruit crops	1	2	0	0	0	0	25	0	0	0
Mayurbhanj	FW	ONC	HOO	Commercial cultivation of flowers & ornamental plants	1	3	25	0	0	0	0	0	0	0
Mayurbhanj	FW	ONC	HOV	Integrated nutrient management of vegetables	1	3	8	0	14	0	3	0	0	0
Mayurbhanj	FW	OFC	HOF	Planting Techniques of tissue culture banana	1	2	0	0	0	0	25	0	0	0
Mayurbhanj	RYH	ONC	HOT	Commercialization of Tuber crops	1	3	2	0	4	0	9	0	0	
Mayurbhanj	FW	ONC	PLP	Management of pests and diseases in Paddy by integrated methods	1	2	0	2	0	0	12	2	9	0
Mayurbhanj	FW	OFC	PLP	Soil Disinfections strategies in Kharif season	1	2	42	0	0	0	4	0	4	0
Mayurbhanj	FW	ONC	PLP	Application techniques of plant protection chemicals ,Bio-pesticides, biochemicals and ITK in rice cultivation	1	1	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	PLP	IPM and IDM strategies in off season vegetables	1	4	25	0	0	0	0	0	0	0
Mayurbhanj	FW	OFC	PLP	Application Techniques of various plant protection chemicals, bio-pesticides, bio-chemicals, bio-pesticides, bio control agents and ITKs in rice cultivation	1	1	0	0	0	0	25	0	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Mayurbhanj	FW	OFC	PLP	Development of pest and disease free planting materials for vegetable cultivation.	1	2	11	0	7	0	0	7	0	0
Mayurbhanj	FW	OFC	PLP	Development of pest and disease free Planting material for vegetable cultivation during Rabi season	1	2	0	0	6	0	7	0	12	0
Mayurbhanj	FW	ONC	PLP	Application of various bio-control agents for managing soil borne pathogens in vegetable cultivation	1	4	25	0	0	0	0	0	0	0
Mayurbhanj	RYH	ONC	PLP	Preparation of bio pesticides in homestead condition for disease and pest management	1	2	18	0	2	0	5	0	0	0
Mayurbhanj	IS	ONC	OTH	Training management	1	2	17	0	1	0	3	0	0	0
Mayurbhanj	FW	OFC	AEG	Water management in paddy cultivation	1	2	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFC	AEG	Horticultural tools and implements	1	2	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFC	AEG	Use of seed drills and planters	1	2	2	0	13	0	9	0	1	0
Mayurbhanj	FW	OFC	AEG	Use and operation of harvesting and threshing implements	1	1	2	0	8	0	7	0	7	0
Mayurbhanj	FW	OFC	AEG	Covered cultivation	1	1	3	0	0	0	11	0	11	0
Mayurbhanj	RY	ONC	AEG	Motor winding in water pump	1	15	0	0	2	0	3	0	5	0
Mayurbhanj	RY	ONC	AEG	Nursery raising technique for mechanical transplanting and skill in operation of rice transplanter	1	7	2	0	2	0	5	0	1	0
Mayurbhanj	RY	ONC	AEG	Skill in operation of seed cum fertilizer drill and calibration of seed drill	1	7	2	0	2	0	4	0	2	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Mayurbhanj	IS	ONC	AEG	Repairing, operation and maintenance of agricultural implements in rice production	1	2	3	2	3	1	2	3	10	1
Mayurbhanj	IS	ONC	AEG	Farm mechanization in oilseed and pulse cultivation with general maintenance in farm machineries	1	2	3	2	7	1	5	2	4	1
Mayurbhanj	FW	OFF	Production management	Post stocking management practices in fish farming	1	1	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFF	Disease management	Integrated disease management practices in fish farming	1	1	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFF	Seed production	Fish breeding through portable carp hatchery	1	1	0	0	0	0	25	0	0	0
Mayurbhanj	IS	ON	Production management	New approaches of fish farming in water shed areas	1	2	11	4	6	2	6	1	0	0
Mayurbhanj	FW	OFC	WOE	Laying out and planting different components of nutritional garden for a rural family	1	2	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	WOE	Improved storing techniques for cereals and pulses	1	2	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	WOE	Preparation of low cost Baby food from locally available cereals ,pulses and oilseeds	1	2	0	25	0	0	0	0	0	0
Mayurbhanj	FW	OFC	WOE	Vaccination schedule and feeding management for Backyard poultry in semi intensive system	1	2	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	WOE	Drudgery reducing small farming tools and implements for farm women	1	2	0	0	0	0	0	25	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Mayurbhanj	FW	OFC	WOE	Vaccination schedule and feeding management for Backyard poultry in semi intensive system	1	2	0	25	0	0	0	0	0	0
Mayurbhanj	FW	ONC	WOE	Preparation of value added products from fruits and vegetables	1	2	0	6	0	9	0	10	0	0
Mayurbhanj	RY	ONC	WOE	Preparation of value added products from agricultural waste and Sabai grass.	1	4	0	1	0	1	0	8	0	0
Mayurbhanj	RY	ONC	WOE	Cultivation of paddy straw mushroom in entrepreneurial basis	1	2	0	26	0	1	0	3	0	0
Mayurbhanj	IS	ONC	WOE	Preparation of low cost diet from locally available cereals	1	2	0	19	0	0	0	6	0	0

**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
Mayurbhanj	Motor winding in water pump	Enterprise	Farm machinery	15	0	0	2	0	3	0	5	0
Mayurbhanj	Nursery raising technique for mechanical transplanting and skill in operation of rice transplanter	Enterprise	Farm machinery	7	2	0	2	0	5	0	1	0
Mayurbhanj	Skill in operation of seed cum fertilizer drill and calibration of seed drill	Enterprise	Farm machinery	7	2	0	2	0	4	0	2	0
Mayurbhanj	Care and management practices in goats by vaccination and deworming	Enterprise	Goatery	5	0	0	0	0	0	10	0	0
Mayurbhanj	Preparation of value added products from agricultural waste and sabai grass.	Enterprise	Value addition	4	0	1	0	1	0	8	0	0
Mayurbhanj	Cultivation of paddy straw mushroom in entrepreneurial basis	Enterprise	paddy straw mushroom	2	0	26	0	1	0	3	0	0
Mayurbhanj	Fry and fingerling production in small and seasonal ponds	Pisciculture	Small scale income generation from the underutilized seasonal ponds	2	0	0	0	0	15	0	0	0

Mayurbhanj	Integrated fish farming	Pisciculture	Recycling of the farm waste	3	0	0	0	0	15	0	0	0
Mayurbhanj	Rearing of ornamental fishes in backyard	Pisciculture	Additional income from the backyard	3	0	0	0	0	15	0	0	0
Mayurbhanj	Preparation of farm made feed	Pisciculture	Reduction of fed cost by using local available ingredients and fish feed	3	10	0	3	0	2		0	0

**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	
Mayurbhanj	Nursery raising techniques in papaya and drumstick	Commercial	15	34	
Mayurbhanj	Preparation of value added products from tomato and lemon	Commercial	13	36	6
Mayurbhanj	Nursery raising technique in vegetables	Commercial	22	19	4
Mayurbhanj	Commercial cultivation of flowers	Commercial	8	13	
Mayurbhanj	Propagation techniques of Mango	Commercial	15	22	6
Mayurbhanj	Seed production in vegetable crops	Commercial	24	24	
Mayurbhanj	Hi-tech Horticulture and precision farming	Commercial	11	11	
Mayurbhanj	Entrepreneurship development in Apiculture	Commercial	272	34	
Mayurbhanj	Cultivation of mushroom in entrepreneurial basis	Commercial	39	42	6
Mayurbhanj	Preparation of value added products from sabai grass	Commercial	19	18	
Mayurbhanj	Entrepreneurship development through farm mechanization	Commercial	9	9	6
Mayurbhanj	Use, operation and maintenance of different farm machineries for reducing labour cost and cost economics of custom hiring	Commercial	13	16	4

**Table 5.4. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Mayurbhanj	Fish production and its management	FIS	Production management	RY	30		20	0	0	0	7	0	3	0	IWMP	439500

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

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

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

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on		
			Before	After	Before	After	Before	After	1. Area expanded (ha)	2. No. of farmers adopted (no.)	3. % change in knowledge, production & Income
Mayurbhanj	Package and practices of Papaya and Banana	25	15	60	380	670	150000	269370	Area expanded (ha)- 32		
Mayurbhanj	Off season vegetable cultivation	50	20	70	90	150	120000	220000	Area expanded (ha) - 67		
Mayurbhanj	Commercial cultivation of tuber crops (RY)	25	30	60	70	160	60000	150000	Area expanded (ha)- 25		
Mayurbhanj	Hybrid vegetable cultivation	25	50	90	140	310	70000	150000	Area expanded (ha)- 40		
Mayurbhanj	Commercial cultivation of flowers	25	10	50	9.0	17	37000	64000	Area expanded (ha)- 10		
Mayurbhanj	Seed production in vegetable crops (RY)	25	20	70	1.25	1.90	70000	98000	Area expanded (ha)- 42		
Mayurbhanj	Hi-tech horticulture and precision farming (RY)	10	20	60			0	50000	Area expanded (ha)- 20		
Mayurbhanj	Propagation techniques of mango	25	30	70			0	70000	Area expanded (ha)- 50		
Mayurbhanj	Grading, sorting and packaging of vegetables	25	20	60			60000	68000	Area expanded (units)- 15		
Mayurbhanj	Planting techniques of tissue cultured Banana	25	40	75	1900 bunch	2450 bunch	230000	350000	Area expanded (ha)- 20		
Mayurbhanj	Package and practices of cucurbits	25	30	60	170	220	60000	90000	Area expanded (ha)- 30		
Mayurbhanj	Plant protection techniques of Arhar	25	30	85	8.5	12.0	32000	46000	Area expanded (ha)- 40		
Mayurbhanj	Plant protection techniques of Groundnut	25	30	80	15.5	23.0	36000	55000	Area expanded (ha)- 55		
Mayurbhanj	Plant protection techniques of Green gram	25	30	80	4.5	7.5	15500	26000	Area expanded (ha)- 65		
Mayurbhanj	Management of pests and diseases in Paddy by Integrated Methods	25	40	85	40.0	43.5	23000	26500	Area expanded (ha)- 55		
Mayurbhanj	Management of Fruit-borer and Sucking pests in Okra	25	20	80	48.0	84.0	30000	65000	Area expanded (ha)- 18		
Mayurbhanj	Spraying techniques in paddy	25	40	80	42.0	45.5	24000	27500	Area expanded (ha)- 45		
Mayurbhanj	Sucking pest management in Okra, Brinjal, Tomato and Chilli	25	30	70	84.0	146.0	60000	122000	Area expanded (ha)- 35		
Mayurbhanj	Management of fruit fly in Pumpkin	25	35	60	160.0	240.0	65000	96000	Area expanded (ha)- 25		
Mayurbhanj	Management of fruit and shoot borer in Okra, Tomato, Brinjal and Chilli	25	20	70	94.0	167.0	74000	142000	Area expanded (ha)- 54		
Mayurbhanj	Application of Trichoderma viridae in vegetable nurseries for disease management	25	20	60	375	640	140000	259372	Area expanded (ha)- 25		
Mayurbhanj	Bio-pesticides for controlling pests and diseases in vegetable crops	25	15	60	86.0	168.0	70000	145000	Area expanded (ha)- 35		
Mayurbhanj	Entrepreneurship development in Apiculture	25	20	50	0.18	0.34	3000	5600	45 new farmers initiated apiculture		
Mayurbhanj	Production of Neem-oil cake and other bio-pesticides in commercial basis	25	30	75				40000	05 units started		
Mayurbhanj	Cultivation of paddy straw mushroom in entrepreneurial basis	50	30	80	0.90	1.75	14200	31150	25 new units initiated		
Mayurbhanj	Cultivation of oyster mushroom in entrepreneurial basis	25	35	85	0.56	1.32	3360	7850	25 new units initiated		
Mayurbhanj	Preparation of value added products from tomato	25	25	80		0.90		19500	15 new units started		
Mayurbhanj	Preparation of value added products from sabai grass	25	20	60				28000	28 new units started		
Mayurbhanj	Use and operation of seed drills/planters	25	25	65	13.5	18.75	48600	67500	Area expanded (ha)- 45		
Mayurbhanj	Use and operation of rotavator for seed bed preparation	25	30	70	35.2	36.1	12700	14210	Area expanded (ha)- 55		
Mayurbhanj	Use and operation of SRI power weeder	25	20	60	38.3	44.4	15700	22230	Area expanded (ha)- 25		
Mayurbhanj	Mechanized transplanting and use of transplanter	25	40	80	37.6	42.1	14950	20750	Area expanded (ha)- 35		
Mayurbhanj	Entrepreneurship development through farm mechanization	10	30	90					09 new units started		
Mayurbhanj	Use, operation and maintenance of drip and sprinkler irrigation system	25	40	80					Area expanded (ha)- 80		



Mayurbhanj	Mushroom production in entrepreneurial basis	30	40	90			450	800	10 new units with a production capacity of 10kg/day started
Mayurbhanj	Preparation of value added products from sabai grass	10	25	70			2300	8900	04 new entrepreneurs started their own production units
Mayurbhanj	Preparation of value added products from lemon	25	40	80			2500	4850	08 trainees started their advanced processing units
Mayurbhanj	Vaccination procedure in goats for deworming	25	40	90			3200	4500	500 goats were vaccinated regularly
Mayurbhanj	Preparation of value added products from mushroom	25	20	80			450	1500	08 processing units were started

## 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			
Mayurbhanj	Field Day	08	08	155	35	130	80	8	2	Crop production and enterprises	Different crops and enterprises	Different stages
Mayurbhanj	Kisan Mela	02	03	415	128	455	172	12	06	Off campus & on campus		
Mayurbhanj	Kisan Ghosthi	07	05	116	23	112	28	0	0			
Mayurbhanj	Exhibition	02	03	415	128	455	172	12	06	On campus and Off campus		
Mayurbhanj	Film Show	10	12	75	120	80	46	05	05	Training programme		
Mayurbhanj	Method Demonstrations	0	0	0	0	0	0	0	0			
Mayurbhanj	Farmers Seminar	0	0	0	0	0	0	0	0			
Mayurbhanj	Workshop	0	0	0	0	0	0	0	0			
Mayurbhanj	Group meetings	60	80	334	167	343	112	0	0			
Mayurbhanj	Lectures delivered as resource persons	20	23	212	21	267	32	102	12	Farmer-Scientist interaction, Farmers school, E-pest surveillance & ISOPOM	SRI, IPM, IDM, IWM	
Mayurbhanj	Newspaper coverage	10	38									
Mayurbhanj	Radio talks	10	05							AIR, Baripada		
Mayurbhanj	TV talks	0	0									
Mayurbhanj	Popular articles	05	07									
Mayurbhanj	Extension Literature	10	15									
Mayurbhanj	Farm advisory Services	40	132	56	21	42	12	0	0			
Mayurbhanj	Scientific visit to farmers field	75	217	266	51	312	63	0	0			
Mayurbhanj	Farmers visit to KVK	600	540	245	20	275	36	0	0			
Mayurbhanj	Diagnostic visits	20	80	289	34	365	54	0	0			
Mayurbhanj	Exposure visits	0	0	0	0	0	0	0	0			

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			
Mayurbhanj	Ex-trainees Sammelan	08	06	43	23	37	05	0	0			
Mayurbhanj	Soil health Camp	02	01	10	0	06	0	0	0			
Mayurbhanj	Animal Health Camp	01	02	56	7	42	26	0	0			
Mayurbhanj	Agri mobile clinic	01	01	13	0	0	0	0	0			
Mayurbhanj	Soil test campaigns	01	01	60	85	40	12	03	0			
Mayurbhanj	Farm Science Club conveners meet	01	02	08	0	12	04	03	0			
Mayurbhanj	Self Help Group conveners meetings	01	01	0	37	0	47	03	0			
Mayurbhanj	Mahila Mandals conveners meetings	0	0	0	0	0	0	0	0			
Mayurbhanj	Celebration of important days (World environment day)	03	03	22	35	8	135	08	03	<ul style="list-style-type: none"> <li>• Akhyaya Trutiya</li> <li>• World Food Day</li> <li>• Women in Agril. Day,</li> </ul>		

## 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
Mayurbhanj	Quarterly (March'2015)	Quarterly	500	500
Mayurbhanj	Quarterly (June'2015)	Quarterly	500	500
Mayurbhanj	Quarterly (September'2015)	Quarterly	500	500
Mayurbhanj	Quarterly (December'2015)	Quarterly	500	425

### 7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Mayurbhanj	Leaflet	Nutritional security through kitchen garden development (Santhali (tribal))	Mrs Dharitri Patra , Scientist-H.Sc	500
Mayurbhanj	Booklet	Odisare Phula Chasa	Dr. Sanghmitra Pattnaik , Senior Scientist & Head	500
Mayurbhanj	Leaflet	Natural feed and its management in fish cultivation	Mr Biswaranjan Samantray , Scientist (Fy-Sc)	500
Mayurbhanj	Leaflet	Green manuring	Dr Debasis Mishra , Scientist (Plant Protection)	500
Mayurbhanj	Booklet	Mahila Manankara Srama Laghaba Nimante Krushi Yantrapati	Mrs Dharitri Patra , Scientist (Home Science)	500
Mayurbhanj	Booklet	Unnata krushi jantra pati	Dr. (Er.) Deepak Ku. Mohanty, Scientist (Agril. Engg.)	500

### 7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Mayurbhanj	Audio Cassette	Soil Health and its Management	50 nos
Mayurbhanj	Audio Cassette	Papaya cultivation in Santali language	50 nos
Mayurbhanj	Audio Cassette	Backyard poultry rearing	50 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.)
Mayurbhanj	Cereals	Paddy	Pratikshya	259	7,30,700	123	8
Mayurbhanj	Cereals	Paddy	Ranidhan	135	5,34,546	114	6

### 8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mayurbhanj	Vegetable	Brinjal	Blue star	39,090	19545	35	1.2
Mayurbhanj	Vegetable	Tomato	Shakshyam , JK Deshi	36,320	18160	41	1.3
Mayurbhanj	Vegetable	Chilli	Haldikhadi	19,280	9640	52	0.4
Mayurbhanj	Vegetable	Cauliflower	Barkha, Megha	43,640	21820	39	1.4
Mayurbhanj	Vegetable	Cabbage	Konark Indu	25,614	12807	46	1.0
Mayurbhanj	Vegetable	Capsicum	Indo American Bharat	3000	1500	21	0.2
Mayurbhanj	Vegetable	Papaya	Red lady	4470	89400	34	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.)

### 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
Mayurbhanj	Fish	Major Indian Carps	Fingerlings	1,77,500 nos.	2,00,165/-	20
Mayurbhanj	Poultry	Banaraja, Rinbow rooster	21 day old chicks	5722 nos.	3,43,320/-	325

## 9. Activities of Soil and Water Testing Laboratory: Not Available

### 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)
Mayurbhanj	N.A	-	-	200	1032	12	-	1032

### 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.)
Mayurbhanj	Functional	2015-16	Pond water analyzed for pH, EC	30	30	12		30

## 10. Rainwater Harvesting

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

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

## 11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Mayurbhanj	August	2015	Training management	2	21	2		
Mayurbhanj	August	2015	Repairing, operation and maintenance of agricultural implements in rice production	2	25	2		20
Mayurbhanj	Sept to October	2015	Skill training on fish production and its management	30	30	30		
Mayurbhanj	February	2016	Preparation of value added products from fruits and vegetable	2	25	2		
Mayurbhanj	March	2016	Preparation of value added products from agricultural waste and Sabai grass.	4	10	4		
Mayurbhanj	March	2016	Preparation of low cost diet from locally available cereals	2	25	2		
Mayurbhanj	March	2016	New approaches of fish farming in water shed areas	2	31	2		
Mayurbhanj	March	2016	Farm mechanization in oilseed and pulse cultivation with general maintenance in farm machineries	2	25	2		

## 12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Mayurbhanj	2013	Partially completed	Nil	Nil	Not handed over

## 13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mayurbhanj	21.07.2015 & 21.01.2016	40	<ul style="list-style-type: none"> <li>Funds should be provided from the District Agriculture Department for publication of more numbers of extension books, leaflets etc. for larger distribution among the farmers and extension personnel of the district.</li> <li>More numbers of skilled oriented training programmes should be designed for the rural youth for self employment</li> <li>Activities related to cultivation of off season tomato and Cole crops in the district should be framed on priority basis</li> <li>Proposal for construction of a vermi compost unit in KVK instructional farm should be given with a capacity of 45 to 50 quintal per annum from RKVY fund</li> <li>KVK to work for popularization of perennial fodder cultivation in the district</li> <li>OFT on Direct Seeded Rice (DSR) with the help of drum seeder should be designed</li> <li>All the feasible implements may be demonstrated in Rice and other crops and conducting Field Days in each implements being demonstrated</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.		
Mayurbhanj	112	6850	150	Farmers Portal	<ul style="list-style-type: none"> <li>Sowing dates of various field crops.</li> <li>Suitable varieties of field crops, fruits and vegetables.</li> <li>Package of practices for important crops.</li> <li>IPM and IDM of field crops, fruits and vegetables.</li> <li>Appropriate contingent measures to be taken in case of any exigencies.</li> <li>Invitation for need-based training programmes.</li> <li>Weather forecast</li> <li>Farm mechanization</li> <li>Mushroom production</li> </ul>

### 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
Mayurbhanj	ATMA	State	50000	Farmers' fare and Exhibition	Mayurbhanj district	

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

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Mayurbhanj	30490126394	9,94,868	2,23,951	20,75,928

### 17. Awards & Recognitions

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

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

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

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

#### b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Mayurbhanj	Crop Cafeteria	Pond base integrated farming system, Poultry brooding house, fingerling production, shade net, poly house, off season vegetable, mushroom complex, organic complex, nutritional garden, dairy
Mayurbhanj	Technology Desk	Paddy seed production of different varieties, vegetable complex, nutritional garden, , papaya, banana
Mayurbhanj	Visitors Gallery	
Mayurbhanj	Technology Exhibition	Informative Vinyl boards with various scientific knowhows
Mayurbhanj	Technology Gate-Valve	Models and specimens, implements, value added products, photographs, seed sample and other crop samples

#### c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Paddy varieties, potato varieties, vegetable complex, nutritional garden, papaya & banana orchard	05

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Mayurbhanj	Ratikant Patra	Hybrid paddy seed production in 2.0 ha area	Balimunduli, Shamakhunta, 9777493543
2	Mayurbhanj	Bijay Kumar Patra	Paired row planting of various off-season vegetables in shed houses	Girishchandrapur, Khunta, 9438500562
3	Mayurbhanj	Prasannajit Mohapatra	Novel technology in managing rice pests and diseases by using 07 different Indigenous products/components	Kenduadiha, Shamakhunta, 9438001895
4	Mayurbhanj	Nagendra Maharna	Mixed farming of various vegetables in the same place	Madhunanda, Betnoti, 9853076922
5	Mayurbhanj	Lipsa Mohanty	Poultry farming with in-house feed preparation	Kansapal, Bangiriposi, 9437461661
6	Mayurbhanj	Sudhir Kumar Acharya	Intercropping of Cereal, pulse and vegetables	Belam, Badasahi, 9439883090
7	Mayurbhanj	Nabin Mohanta	Novel technique to harvest rice in muddy conditions (When rain occurs at the time of harvest)	Bholagadia, Shyamakhunta, 9439094429
8	Mayurbhanj	Kalpna Bindhani	Novel preparation of value added products from vegetables and fruits	Deulasahi, Baripada, 9861456703
9	Mayurbhanj	Geetarani Mohanty	Paddy straw mushroom production by using sterilized compost	RUCHI MUSHROOM, Takatpur, Baripada, 9861317115
10	Mayurbhanj	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	5 <sup>th</sup> September 2015 (Farmers Fair)	500
2	5 <sup>th</sup> December 2015 (Soil Health Day)	200
3	10 <sup>th</sup> March 2016 (Farmers Fair)	500
4	11 <sup>th</sup> March 2016 (PPV & FRA)	250

## 21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Mayurbhanj	08	14	39	275

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	Balasure	Seed production programme, backyard poultry	Mutual help making the activities easier
2	Bhadrak	Pisciculture, mushroom spawn production and value addition	Facilitation of sharing of technology

**24. Important visitors to KVK**

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Mayurbhanj	Prof. P.N Jagdev	19. 06. 2015		Dean Of Research , OUAT		
Mayurbhanj	Sj. Suresh Pattnaik	24.12.2015			Honorable member, Board of management, OUAT	KVK visit
Mayurbhanj	Dr. S.K. Sribastav	20.01.2016	Director, DRWA, Bhubaneswar			KVK visit
Mayurbhanj	Dr. Naresh Babu	21.01.2016	Principal Scientist, DRWA, Bhubaneswar			To attend SAC meeting
Mayurbhanj	Sj. Rajesh Prabhakar Patil	21.01.2016			Collector cum DM, Mayurbhanj	To attend SAC meeting
Mayurbhanj	Prof. R.K Patnaik	21. 01. 2016		Former Dean, College of Forestry, OUAT		KVK visit
Mayurbhanj	Sj. Sudam Marndi	10.03.2016			Honorable Minister of Minister of State, Sports & Youth Services. Minister of State, S.T. & S.C. Development	To attend Rabi farmer's fair
Mayurbhanj	Sj. Bhada Hansda	10.03.2016			Honorable MLA, Saraskana	To attend Rabi farmer's fair
Mayurbhanj	Dr. Damodara Parida	11. 03. 2016		ADR (Seeds), OUAT		To Attend PPV & FRA farmers fair
Mayurbhanj	DR. Subash Chandra Mohapatra	11.03.2016		Jt. Director, DEE ,, OUAT		To Attend PPV & FRA farmers fair
Mayurbhanj	Dr. Satya Ranjan Das	11.03.2016		Honorary Professor, Dept PBG, OUAT		To Attend 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	Mayurbhanj	22.01.2011	124	2665

**26. E-CONNECTIVITY**

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

**27. Status of RTI**

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

**28. Status of Citizen Charter**

Sr. No.	Name of KVK	Query received( Nos)	Query Disposed( Nos)	Remarks
	Mayurbhanj-1	321	321	

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

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mayurbhanj	Dr. S. Pattnaik	Senior Scientist and Head	01	Zonal workshop on oilseed and pulses
Mayurbhanj	Dr. D. K. Mohanty	Scientist (Agril. Engg.)	01	Training cum workshop on Agril. Engg.
Mayurbhanj	Mrs. J. Bhuyan	Scientist (Home Science)	01	Training – cum- workshop for Home Scientist
Mayurbhanj	Mr. B. Samantaray	Scientist (Fishery Science)	01	Training-cum-Workshop on Fishery Technology for KVKs
	<b>Total</b>		<b>04</b>	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Mayurbhanj	04	04

### 30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos.)	Remarks
Mayurbhanj	Dr. S. Pattnaik	Senior Scientist and Head	02	HRD training, review cum orientation programme on standard operational procedure of the farm-science center (KVK)
Mayurbhanj	Dr. D. K. Mohanty	Scientist (Agril. Engg.)	02	HRD cum review meeting on project planning and report writing, Group meeting cum orientation workshops
	<b>Total</b>		<b>04</b>	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (Nos.)	Total Number of Programmes attended (Nos.)
Mayurbhanj	02	04

### 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
Mayurbhanj	Dr. S. Pattnaik	Senior Scientist and Head	01	Training cum workshop on nutrition rich vegetables for KVK at IIVR, Varanasi
Mayurbhanj	Dr. D. K. Mohanty	Scientist (Agril. Engg.)	01	Sensitization training cum workshop on recent agricultural engineering technologies
	<b>Total</b>		<b>02</b>	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Mayurbhanj	02	02

### 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
Mayurbhanj	Pest epidemic in Mango	Mango Shoot Gall Psylla	CHES, Bhubaneswar

### 33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Mayurbhanj	Soil Health Campaign	1	16	Soil health management
Mayurbhanj	Large Animal Health Camp	1	68	livestock technology
Mayurbhanj	Small Animal Health Camp	1	63	livestock technology
Mayurbhanj	Plant Health Clinic	1	13	Crop
Mayurbhanj	Awareness on women friendly farm implements for drudgery reduction	1	46	Drudgery reduction
Mayurbhanj	Awareness on pond Water Testing on pisciculture	1	20	livestock technology

### 34. INTERVENTIONS ON DROUGHT MITIGATION : No report of drought found last year in the operating area

#### Introduction of alternate crops/varieties

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

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

Name of KVK	Crops	Area (ha)	Number of beneficiaries

#### Farmers-scientists interaction on livestock management

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

#### Animal health camps organized

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

#### Seed distribution in drought hit states

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

#### Seedlings and Saplings distributed

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

**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

**Verns Produced**

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

**Large scale adoption of resource conservation technologies**

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

**Awareness campaign**

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

**35. Proposal of NICRA****1. Technologies to be Demonstrated**

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

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

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

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

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

**4. Proposed Activities for Fodder Bank**

Established (Years)	Capacity	Current Status

**5. Proposed Activities for Seed Bank**

Established (Years)	Capacity	Current Status

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

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

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

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

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

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Mayurbhanj	4	1

## **Title : Banaraja poultry rearing gives recognition to farm women – A case study**

### **Introduction :**

Mrs. Lipsa Mohanty of village Kansapal in Bangiriposi block of Mayurbhanj district was a house wife with a very intense desire to become an agri-entrepreneur. Smt. Mohanty with an educational qualification of intermediate belonged to a lower middle class family which runs by traditional agricultural cultivation. Her family was passing through severe economical hardship in earlier days. From her childhood, she had a great interest to become an entrepreneur in agriculture and allied activities. Now Smt. Mohanty of village Kanspal in Mayurbhanj district become a successful farm woman in Banaraj poultry rearing. Previously due to lack of awareness about improved poultry, she was rearing local poultry breed. The income she generated was not sufficient for her livelihood sustainability.

### **KVK Intervention :**

She approached KVK, Mayurbhanj in the year 2012 with her husband Mr. Sanjit Mohanty who is very supportive to her and more over, receptive to the modern technologies. The KVK advised them to take trainings on various aspects related to livelihood security as well as income generation. Receiving technical support from the KVK, she started rearing 150 to 200 nos. of 21 days old Banaraja chicks from KVK, Mayurbhanj with proper vaccination. She was provided with vaccination schedule i.e. 7<sup>th</sup> day F<sub>1</sub> vaccine, on 14<sup>th</sup> day Gumboro vaccine and 28<sup>th</sup> day Lasota (R<sub>2</sub>B) vaccine through FLD programme. For the capacity building of Smt. Mohanty and other interested farm women in that locality, vocational trainings, distribution of leaflets and frontline demonstrations were undertaken by the KVK, which led to improvement of knowledge and skill in poultry farming.

### **Output :**

Smt. Mohanty has made a 20 x 40 ft poultry rearing unit in the form of thatched house and has covered around 0.2 Ac. of back yard with plastic net for rearing 500 nos. of high yielding dual purpose poultry birds at a time. In her 1.0 Ac. irrigated upland, she cultivated Maize in Kharif and watermelon in Rabi seasons. The produce was partly utilized for feeding the poultry birds.

### **Outcome :**

With her sheer effort and determination, Smt. Mohanty is able to complete a total of 4 batches poultry birds with a capacity of 500 nos. per batch in a year, which earns her a net income of Rs. 1,80,000.

### **Impact :**

So far, a total of around 450 farm women from a total of 11 villages visited her farm to understand the secret of success. Apart from the help rendered by her family members, she strongly praises her husband for guiding, helping and encouraging her to achieve the goal. Her achievement has been recognized by various government and non-government agencies, societies and organizations. On the occasion of University Foundation Day in August 24<sup>th</sup> 2013, Orissa University of Agriculture and Technology, Bhubaneswar awarded her as the best women entrepreneur in the district. Her case illustrates very well that, a resource poor and socially neglected woman can also achieve success, generate income and secure her livelihood with her perseverance, determination and hard work.

Mayurbhanj, Shamakhunta, She started rearing 150 to 200 nos. of 21 days old Banaraja chicks from KVK, Mayurbhanj with proper vaccination. She was provided with vaccination schedule i.e. 7th day F1 vaccine, on 14th day Gumboro vaccine and 28th day Lasota (R2B) vaccine through FLD programme. For the capacity building of Smt. Mohanty and other interested farm women in that locality, vocational trainings, distribution of leaflets and frontline demonstrations were undertaken by KVK, which leads to improvement of knowledge and skill in poultry

farming. Smt. Lipsa Mohanty now earn a net income of Rs. 1,80,000 by selling 500 nos. of poultry birds per batch. So far 450 farm women from a total of 11 villages visited her farm to understand the secret of success. Apart from the help rendered by her family members, she strongly praises her husband for guiding, helping and encouraging her to achieve the goal. Her achievement has been recognized by various government and non-government agencies, societies and organizations. Her case illustrates very well what a resource poor and socially neglected woman can achieve with her perseverance, determination and hard work.

**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) –**

