

**ACHIEVEMENT REPORT OF KVK, MAYURBHANJ-II FROM APRIL, 2016 TO  
MARCH, 2017**

**A. (i) Training for farmer & farm women**

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production						
Mayurbhanj-II	Crop protection	3	55	21	0	53	75
Mayurbhanj-II	Horticulture	3	75	0	6	42	75
Mayurbhanj-II	Soil Science						
Mayurbhanj-II	Animal Science						
Mayurbhanj-II	Fishery Science						
Mayurbhanj-II	Home Science	10	0	250	23	194	250
Mayurbhanj-II	Extension Education						
Mayurbhanj-II	Other (Agriculture Engg.)	9	187	38	0	141	225
Mayurbhanj-II	<b>Total</b>	<b>25</b>	<b>317</b>	<b>309</b>	<b>29</b>	<b>430</b>	<b>625</b>

**(ii) Training for rural youth**

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production						
Mayurbhanj-II	Crop protection	1	11	4	0	15	15
Mayurbhanj-II	Horticulture	1	15	0	0	15	15
Mayurbhanj-II	Soil Science						
Mayurbhanj-II	Animal Science						
Mayurbhanj-II	Fishery Science						
Mayurbhanj-II	Home Science	1	4	11	0	6	15
Mayurbhanj-II	Extension Education						
Mayurbhanj-II	Other (Agriculture Engg.)	1	10	0	0	10	10
Mayurbhanj-II	<b>Total</b>	<b>4</b>	<b>40</b>	<b>15</b>	<b>0</b>	<b>46</b>	<b>55</b>

**(iii) Training for Extension personnel**

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	S.C.	S.T.	Total
Mayurbhanj-II	Crop production						
Mayurbhanj-II	Crop protection	1	15	0	0	7	15
Mayurbhanj-II	Horticulture	1	15	0	0	15	15
Mayurbhanj-II	Soil Science						
Mayurbhanj-II	Animal Science						
Mayurbhanj-II	Fishery Science						
Mayurbhanj-II	Home Science	1	0	10	2	4	10
Mayurbhanj-II	Extension Education	1	10	3	4	3	13
Mayurbhanj-II	Other (Agriculture Engg.)	2	47	8	7	13	55
Mayurbhanj-II	<b>Total</b>	<b>6</b>	<b>87</b>	<b>21</b>	<b>13</b>	<b>42</b>	<b>108</b>

**(iv)Sponsored training: NIL**

KVK	Discipline	No. conducted	Duration (days)	No. of beneficiary					Sponsoring agency
				Male	Female	S.C.	S.T	Total	
Mayurbhanj-II	Crop production								
	Crop protection								
	Horticulture								
	Soil Science								
	Animal Science								
	Fishery Science								
	Home Science								
	Extension Education								
	Other								
	Total								

**B. (i) On-Farm Testing**

KVK	Discipline	No. conducted	Area (ha)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production								
Mayurbhanj-II	Crop protection								
Mayurbhanj-II	Horticulture	2	0.27	0	12	2	3	3	14
Mayurbhanj-II	Soil Science								
Mayurbhanj-II	Animal Science								
Mayurbhanj-II	Fishery Science								
Mayurbhanj-II	Home Science	4	0	28	4	24	1	16	28
Mayurbhanj-II	Extension Education								
Mayurbhanj-II	Other(Agriculture Engg.)	4	7	0	26	2	0	16	28
Mayurbhanj-II	Total	<b>10</b>	<b>7.27</b>	<b>28</b>	<b>42</b>	<b>28</b>	<b>4</b>	<b>35</b>	<b>70</b>

**(ii) Salient achievements of On –Farm Testing (OFT) (Best three)**

KVK	Crop/ Component	Technology Assessed	Farmers' practice	OFT yield (q/ha)	Yield in farmers' field (q/ha)	% increase in yield
Mayurbhanj -II	Maize	Ridging in maize by power weeder-cum-ridger	Ridging by desi fowda	29.3	28.5	2.0
Mayurbhanj -II	Mushroom	Paddy straw mushroom cultivation from different strains of <i>V. Volvacia</i> (OSM-11 & OSM-12)	Paddy straw mushroom <i>V. Volvacia</i>	2.1 kg/bed	1.3 kg/bed	61.5
Mayurbhanj -II	Off-season cauliflower	Off-season cauliflower cultivation T <sub>2</sub> – Pusa Meghna T <sub>3</sub> – Pusa Kartiki	T <sub>1</sub> - Short duration paddy (Gadda rice)	Income Rs 83900/- (T <sub>2</sub> ) and Rs 92400/- (T <sub>3</sub> ) per ha	Income Rs 8040/- per ha	Income around 10 times over check

**C. (i) Frontline demonstration (general)**

KVK	Discipline	No. conducted	Area (ha.)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production								
Mayurbhanj-II	Crop protection	1	1	0	10	0	0	10	10
Mayurbhanj-II	Horticulture	2	1.4	0	15	0	0	11	15
Mayurbhanj-II	Soil Science								
Mayurbhanj-II	Animal Science								
Mayurbhanj-II	Fishery Science								
Mayurbhanj-II	Home Science	2	0.001	10	0	20	6	10	20
Mayurbhanj-II	Extension Education								
Mayurbhanj-II	Agril. Engg.	4	7.3	0	26	2	0	16	40
Mayurbhanj-II	Total	9	9.701	10	51	22	6	47	85

**(ii) Salient achievements of frontline demonstration (general) (Best three)**

KVK	Title	Intervention	FLD yield (q/ha)	Local check yield(q/ha)	% increase in yield over local check
Mayurbhanj-II	Demonstration on use of tractor drawn zero till seed-cum-fertilizer drill for sowing chickpea	Sowing of chickpea seed by tractor drawn 9 row zero till seed-cum-fertilizer drill in residual moisture of field after cutting of paddy crop	9.6	7.5	28.0
Mayurbhanj-II	Demonstration on hybrid tomato var.- Swarna Sampad with management practice	21 days seedling transplanted, spacing 40 cm X 30 cm	617	257	140.0
Mayurbhanj-II	Demonstration on value addition of mahua flower	Preparation of mahua ladu from dry mahua flower, suji, white til, coconut power, ghee & sugar	180 nos of ladu/kg of dry flower	Rs.10/1 kg mahula	Rs. 210 higher income/ kg of dry mahula flower

**D. (i) Frontline demonstration on cluster oilseed & pulse**

KVK	Crop	Area(ha)	Variety	No. of beneficiary				
				Male	Female	SC	ST	Total
Mayurbhanj-II	Pigeon Pea	40	LRG-41	123			123	123
Mayurbhanj-II	Field Pea	30	Adarsh	57			57	57

**(ii) Salient achievements under FLD on cluster oilseed and pulse**

KVK	Crop	Intervention	FLD yield(q/ha)	Local yield(q/ha)	% increase in yield over local
Mayurbhanj-II	Pigeon Pea	Certified seeds pre-treated with Thiram, Rhizobium culture @500gm per 8 kg seed	9.3	6.25	48.4
Mayurbhanj-II	Field Pea	Seed treated with thiram @ 2 gm/kg, Rhizobium culture 200g/10 kg seed, line sowing by tractor drawn seed-cum-fertilizer drill ( spacing 40cm X 10 cm)	13.69	9.41	45.48

**E. Other extension activities**

Sl. No.	Extension activities	No.	Beneficiary
1	Exhibition	1	170
2	Field days	3	180
3	Special day celebration	4	482
4	Radio talk	1	Mass
5	Television talk	-	-
6	Scientists visit to farmers' field	156	623
7	Kissan Gosthi	-	-
8	No. of farmers visit to KVK	2123	2123
9	Diagnostics visit	17	120
10	Animal Health Camp	1	61
11	No. of farmers' club formed	-	-
12	Farmers' club meetings held	-	-
13	SHG convention	3	34
14	Ex – trainees sammelan	-	-
15	Film show	14	282
16	Group meeting	-	-
17	Lectures delivered as resource person	22	550

**F. Publication**

Sl.No.	Item	No.	No. of copies printed
1	Book/ Booklet		
2	Leaflets	2	1000
3	Poster/Flex		
4	News letter	1	250
5	News paper Coverage		
6	Popular Articles		
7	Technical bulletins		

8	Technical report	5	35
9	Training material	20	500
10	Year planner	1	50
11	CDs/ DVDs		
	Total	<b>29</b>	<b>1835</b>

### G. Soil and water sample analysis

KVK	Soil				Water				Grand total (soil + water)	No. of soil health card issued
	Tested in KVK lab.	Tested by Mrida Parikhyak	Tested outside	Total	Tested in KVK lab.	Tested by Mrida Parikhyak	Tested outside	Total		
Mayurbhanj-II	-	-	630	630	-	-	-	-	630	1175

### H. Scientific Advisory Committee Meeting

KVK	Kharif		Rabi	
	Date	No. of participants	Date	No. of participants
Mayurbhanj-II			31.12.16	23

### I. Awareness programme on Pradhanmantri Phasal Bima Yojana : NIL

KVK	Date	Participants				Total
		Male	Female	SC	ST	
Mayurbhanj-II						

### J. Farmers' fair

KVK	Date	Venue: Village & Block	Participants				Total
			Male	Female	SC	ST	
Mayurbhanj-II	05.12.16	KVK Campus, Jashipur	112	58	19	151	170

### K. Kissan mobile advisory service (KMAS)

KVK	No. of message sent	No. of farmers benefited	No. of extension functionary benefitted
Mayurbhanj-II	36	61,320	72

### L. HRD activities under taken : NIL

Title of the HRD Programme	Date	No. of participants	Category of participation

### M. NICRA Activities : NIL

KVK	Name of NICRA Village	Climatic situation

### MODULE-1: NATURAL RESOURCE MANAGEMENT(NRM)

Name of KVK	Interventions	Technology demonstrated along with the crop	Critical input(machinery, cost for renovation, irrigation systems)	No. of farmers benefited	Area under practice (ha.)		Measurable indicators Crop yields (q/ha)		Economics of demonstration (Rs./ha)			
					After intervention	Before intervention	Demo	Local practice	Gross cost	Gross return	Net return	BCR
Mayurbh anj-II	Paddy- Fallow cropping system	Demonstratio n of bullock drawn 8 rows paddy drum seeder and axial flow thresher	Paddy seed and paddy drum seeder and axial flow thresher hiring cost	03	7.2	-	28.5	25.3	25425	37050	11625	1.45
Mayurbh anj-II	Paddy- Fallow cropping system	Paddy based cropping system taking var.- Manaswini followed by chickpea (JAKI 9218) sown by using tractor drawn seed-cum- fertilizer drill	Chickpea seed and tractor drawn see-cum- fertilizer drill hiring cost	03	6.5		12.8	8.4	24900	57600	32700	2.3
Mayurbh anj-II	Maize- Fallow(Hybri d variety sowing behind the	Demonstratio n on line planting of maize by tractor drawn seed cum fertilizer drill,	Maize seed and tractor drawn seed-cum- fertilizer drill hiring cost	03	7.2		28.5	21.6	28340	42750	14450	1.5

	plough)	weeding and ridging of maize by power ridger										
Mayurbh anj-II	Mushroom		Mushroom Spawn bottle & polythene	06	150 bottles	-	2.3kg/ Bed 57.5k g/ 20 bed	-	875/ 20 no bed	3450/ 20 no bed	2575/ 20 no bed	3.9

### MODULE - 2 : CROP PRODUCTION

KVK	Interventions	Technology demonstrated	Critical input	No. of farmers benefited	Area (ha)	Measurable indicators Crop yields *(q/ha)		% increase in yield	Economics of demonstration (Rs/ha)			
						Demo	Local		Gross cost	Gross return	Net return	BCR
Mayurbh anj-II												

### MODULE - 3 : LIVE STOCK & FISHERIES

KVK	Interventions	Technology demonstrated	Critical input(Variety, Breed etc)	No. of farmers	Unit /No./ Area(ha)	Measurable indicators of output*		% increase	Economics of demonstration (Rs./10 nos of bird)			
						Demo	Local		Gross cost	Gross return	Net return	BCR
Mayurbhanj-II	Introduction of dual purposes improved breeds	Rainbow rooster	21 days old poultry chicks (Rainbow rooster)	6	200	3.5 kg/6 month (male)	1.1 kg/6 month (male)	218	4225	6725	2500	1.5
						162 nos of egg/yr	60 nos egg/yr					







## N. Skill development training

Sl. No.	Name of the trade	Name of the KVK/ Institute	Date	No. of participants	Total no. trained in the topic	No. of trained youth placed as	
						Wage employed	Self employed
1.	Agriculture Engineering	Mayurbhanj-II	15.02.17 to 18.02.17	10	10 nos in Repair and maintenance of various agriculture machineries	8	2

## O. Seed & Quality Planting Material production

### (i) Achievement Kharif 2016: Paddy seed

KVK	Variety	Category	Area (ha)	Production (q)	Yield (q/ha)
Mayurbhanj-II	Pratikshaya	FS	2.0	65.2	32.6
Mayurbhanj-II	Mandakini	FS	1.0	22.0	22.0

### (ii) Achievement Rabi 2016 -17: Paddy seed : NIL

KVK	Variety	Category	Area (ha)	Production (q)	Yield (q/ha)

### (iii) Achievement on seed production of non- paddy crops : NIL

#### a. Pulses

KVK	Crop	Variety	Category	Area (ha.)	Production (q)	Yield (q/ha.)

#### b. Oilseed crops

KVK	Crop	Variety	Category	Area (ha.)	Production (q)	Yield (q/ha.)

#### c. Other crops

KVK	Crop	Variety	Category	Area (ha.)	Production (q)	Yield (q/ha.)

### (iv) Quality planting material production

KVK	Name of plant	Variety	No. produced
Mayurbhanj-II	Cauliflower	Pusa Meghna, Pusa Kartik, Meghna	4,200
Mayurbhanj-II	Cabbage	Krishna	200
Mayurbhanj-II	Tomato	Swarna Sampad	37,450



**S. Achievement on any special programme(ARYA/Centre of Excellence etc.) : NIL**

		
<p><b>Assessment of ridging method in maize crop</b></p>	<p><b>Assessment of Off-season cauliflower cultivation</b></p>	<p><b>Assessment of paddy straw mushroom cultivation from different strain of V.Volvacia</b></p>
		
<p><b>FLD on use of tractor draw zero till seed-cum-fertilizer drill for sowing chickpea</b></p>	<p><b>FLD on Hybrid Tomato cultivation var.Swarna Sampad with management practice</b></p>	<p><b>FLD on value added product from dry mahuaa flower</b></p>

## **ACTION PLAN, 2017-18**

### **Revolving fund activities**

#### **Seed production**

KVK	Crop	Variety	Category of seed	Area(ha)
Mayurbhanj-II	Paddy (Kharif)	Pratikshya	FS	2.0
Mayurbhanj-II	Paddy (Kharif)	Lalat	FS	1.0
Mayurbhanj-II	Blackgram (Rabi)	T-9	Certified	1.5

#### **Quality planting material and other materials production**

Sl. No.	Particulars	Variety	Number to be produced
1.	Brinjal	Blue Star, Utkal Tarini	10,000
2.	Tomato	Swarna Sampad	20,000
3.	Chilli	Siamahot	10,000
4.	Papaya	Red lady	1,000
5.	Cabbage	Krishna	10,000
6.	Cauliflower	Megha, Barkha	10,000
7.	Capsicum	California Wonder	5,000
8.	Poultry (21 days old chicks)	Rainbow Rooster	2,000