

**ACHIEVEMENT REPORT OF KVK, Ganjam-II,  
APRIL 2018 TO MARCH, 2019**

**1. (i) Training for farmers & farm women:**

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Ganjam-II	Crop production	08	147	53	35	25	200
Ganjam-II	Crop protection						
Ganjam-II	Horticulture	10	202	48	27	03	250
Ganjam-II	Soil Science	09	194	31	25	03	225
Ganjam-II	Animal Science						
Ganjam-II	Fishery Science	09	178	47	42	08	225
Ganjam-II	Home Science						
Ganjam-II	Extension Education						
Ganjam-II	Forestry						
Ganjam-II	Agril. Engineering						
Ganjam-II	Plant Protection	9	178	47	64	27	225
	<b>Total</b>	<b>45</b>	<b>899</b>	<b>226</b>	<b>193</b>	<b>66</b>	<b>1125</b>

**(ii) Training for rural youths:**

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Ganjam-II	Crop production	02	27	3	5	2	30
Ganjam-II	Crop protection						
Ganjam-II	Horticulture	02	29	01			30
Ganjam-II	Soil Science	02	30	00	03	02	30
Ganjam-II	Animal Science						
Ganjam-II	Fishery Science	02	28	02	03	04	30
Ganjam-II	Home Science						
Ganjam-II	Extension Education						
Ganjam-II	Forestry						
Ganjam-II	Agril. Engineering						
Ganjam-II	Plant Protection	02	25	5	8	3	30
	<b>Total</b>	<b>10</b>	<b>139</b>	<b>11</b>	<b>19</b>	<b>11</b>	<b>150</b>

**(iii) Training for Extension personnel:**

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	S.C.	S.T.	Total
	Crop production						
	Crop protection						
	Horticulture						
	Soil Science						
	Animal Science						
	Fishery Science						
	Home Science						
	Extension Education						
	Forestry						
	Agril. Engineering						
	Plant Protection						
	<b>Total</b>						

**(iv) Sponsored training: NA**

KVK	Discipline	No. conducted	Duration (days)	No. of beneficiary					Sponsoring agency
				Male	Female	SC	ST	Total	
	Crop production								
	Crop protection								
	Horticulture								
	Soil Science								
	Animal Science								
	Fishery Science								
	Home Science								
	Extension Education								
	Forestry								
	Agril. Engineering								
	Others(Specify)								
	<b>Total</b>								

**2. (i) On-Farm Testing:**

KVK	Discipline	No. conducted	Area (ha)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Ganjam-II	Crop protection	2	2	-	10	4	4	1	14
Ganjam-II	Horticulture	2	0.8	-	11	3			14
Ganjam-II	Soil Science	2	1.0	-	14	-	-	-	14
Ganjam-II	Animal Science								
Ganjam-II	Fishery Science	2	2.8		14	-	3	2	14
Ganjam-II	Home Science								
Ganjam-II	Extension Education								
Ganjam-II	Forestry								
Ganjam-II	Agril. Engineering								
Ganjam-II	Plant Protection	2	2		14	7	7	3	14
	<b>Total</b>	<b>10</b>	<b>8.6</b>		<b>63</b>	<b>14</b>	<b>14</b>	<b>6</b>	<b>70</b>

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

KVK	Crop/ Component	Season	Technology Assessed (Give in detail)	Farmers' practice (Give in detail)	OFT yield (q/ha)	Yield in farmers' practice (q/ha)	% increase in yield
Ganjam-II	Paddy	Kharif, 2018	Assessment of rice varieties tolerant to BPH	POOJA	TO1 = 37.2 TO2=41.7	35.3	5.4 18.1
Ganjam-II	Brinjal	Kharif 2018	Assessment of IDM measures against <i>Phomopsis blight</i> in Brinjal	Application of Carbendazim	TO1 = 220 TO2=265	165	TO1 = 33.3 TO2=60.6
Ganjam-II	Fish	Kharif 2018	Assessment of Seaweed extract on Growth and Survivability of fry in Nursery	Application of raw-cow dung for plankton	TO <sub>1</sub> -26.44 TO <sub>2</sub> -24.13	20.40	TO <sub>1</sub> -29.61 TO <sub>2</sub> -18.28

**3. (i) Frontline demonstration (general):**

KVK	Discipline	No. conducted	Area (ha.)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Ganjam-II	Crop production	4	4		23	2	2	1	25
Ganjam-II	Horticulture	4	1.6	-	20	-	-	-	20
Ganjam-II	Soil Science	4	7.0	-	25	8	3	5	33
Ganjam-II	Animal Science								
Ganjam-II	Fishery Science	4	8.0	-	20	5	8	2	25
Ganjam-II	Home Science								
Ganjam-II	Extension Education								
Ganjam-II	Forestry								
Ganjam-II	Agril. Engineering								
Ganjam-II	Plant Protection	4	2		16	4	4	2	20
	<b>Total</b>	<b>20</b>	<b>22.6</b>		<b>104</b>	<b>19</b>	<b>17</b>	<b>10</b>	<b>123</b>

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

KVK	Title	Season	Intervention (Give in detail)	Farmers' practice (Give in detail)	FLD yield (q/ha)	Yield in farmers' practice (q/ha)	% increase in yield
Ganj am-II	Demonstration on tomato variety- Arka Rakshak	Rabi, 2018-19	Cultivation of triple disease resistant tomato F <sub>1</sub> hybrid Arka Rakshak	Cultivation of hybrid tomato variety Laxmi	558	352	58.52
Ganj am-II	Demonstration of INM in Hybrid rice	Kharif, 2018	Application of RDF (120:60:60 kg NPK/ha) + 25 kg ZnSO <sub>4</sub> /ha	Inadequate application of fertilizer in hybrid rice (80:40:40 kg NPK)	60.90	48.66	25.15
Ganj am-II	Demonstration on Ragi variety- Arjun	Kharif, 2018	cultivation of high yielding variety ragi Arjun	Local variety Budha Mandia	18.63	12.2	52.7
Ganj am-II	Demonstration on farm made feed in grow-out carp culture	Year round 2018-19	Feeding with farm made feed utilizing locally available ingredients [(Mustard Oil cake (35%), Sesamum Oil cake (35%), Mahua oil cake 20%, Maize powder (10%) & Vit-min premix (2%)] Feeding rate: 5-2% body wt.	No or improper dose of application of feed due to high cost. Feeding with brans as a major constituent	33.60	24.25	38.55

**4. (i) Cluster demonstration on oilseed & pulse:**

KVK	Season	Crop	Variety	Area (ha)	No. of beneficiary				
					Male	Female	SC	ST	Total
	Rabi	Greengram	IPM 02-14	20	39	11	-	50	50

**(ii) Salient achievements under Cluster demonstration on oilseed and pulse:**

KVK	Season	Crop	Intervention (Give in detail)	FLD yield(q/ha)	Local yield(q/ha)	% increase in yield over local
Ganja m-II	Rabi	Greengram	Improved seeds(IPM 02- 14), Seed treatment with( Carbendazim) @ 2gm/kg seed , Spraying of Indoxacarb @ 1ml/lit of water, Spraying of Multineem @ 5ml/lit of water & Installation of Yellow sticky traps @ 10 nos/ha & spraying of Imidachloprid @ 4ml/ 10 lt of water.	5.6	4.9	19.60 %

**5. Other extension activities:**

Sl.No.	Extension activities	No. of activities	No. of beneficiaries
1	Exhibition	4	Mass
2	Field days	10	500
3	Kissan Mela	3	1000
4	Research – Extension interface meeting	6	90
5	Special day celebration(Agril. Education Day, Jai Kisan Jai Vigyan, MahilaKisan Divas, Women in Agriculture Day, World Food Day, World Meteorological Day, World Soil Day)	6	900
6	Soil Health Camp	2	100
7	Animal Health Camp	-	-
8	Soil test Campaign	2	200
9	Scientists visit to farmers' field	124	1290
10	No. of farmers visit to KVK	265	265
11	Diagnostics visit	45	752
12	Group meeting	22	2150
13	Kissan Gosthi	-	-
14	Radio talk	10	Mass
15	Television talk	18	Mass
16	News paper Coverage	14	Mass
17	Exposure Visits	-	-
18	No. of farmers' club formed	-	-
19	Farmers' club meetings held	-	-
20	SHG convention	-	-
21	Ex-trainees sammelan	-	-
22	Film show	-	-
23	Lectures delivered as resource person	10	50

**6. Publication:**

Sl.No.	Item	No.	No. of copies printed
1	Book/ Booklet	2	1000
2	Leaflets	2	2000
3	Poster/Flex	35	35
4	News letter	2	1000
5	News paper Coverage	14	-
6	Popular Articles	5	-
7	Technical bulletins	4	4
8	Technical report	12	60
9	Training material	20	500
	<b>Total</b>	<b>96</b>	<b>4599</b>

**7. 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		
		192	105 (Soil testing Van, DEE,OUAT)	297	-	18		18	315	662

**8. Scientific Advisory Committee Meeting:**

KVK	Kharif		Rabi	
	Date	No. of participants	Date	No. of participants
	13.12.18	30		

**9. Awareness programme on Pradhanmantri Phasal Bima Yojana:**

KVK	Date	Participants				
		Male	Female	SC	ST	Total

**10. Farmers' fair:**

KVK	Date	Venue: Village & Block	Participants				
			Male	Female	SC	ST	Total
	05.12.18	KVK campus	220	30	24	11	250

**11. Kissan mobile advisory service (KMAS):**

KVK	No. of message sent	No. of farmers benefited	No. of extension functionary benefitted
	55	20900	200

**12. HRD activities under taken:**

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

**13. NICRA Activities ( For NICRA KVKs):**

KVK	Name of NICRA Village	Climate vulnerability

(Give module-wise results)

**14. Skill development training:**

Sl.no.	Name of KVK	Name of the trade	Date of training	No. of participants				
				Male	Female	SC	ST	Total

**15. Seed & Quality Planting Material production:**

**(i) Achievement Kharif 2018: Paddy seed**

KVK	Variety	Class	Area (ha)	Production (q)	Yield (q/ha)
Ganjam-II	Swarna sub-1	Foundation	4 ha	121.80	30.45

**(ii) Achievement Rabi 2018 -19: Paddy seed**

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

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

**a. Pulses:**

KVK	Crop	Variety	Class	Area (ha.)	Production (q)	Yield (q/ha.)
	Green gram	IPM-02-14	TLseed	0.5ac	1.22q	6q/ha

**b. Oilseed crops:**

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

**c. Other crops:**

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

**(iv) Quality planting material production:**

KVK	Name of plant	Variety	No. produced
	chilli	Arka Harita	3000
		Arka Meghna	3000
	Tomato	Arka Rakshak	3000

	Papaya	Red lady	2000nos
	Drumstick	PKM-1	1000nos

**(v) Fruit production:**

Name of KVK	Name of fruit crops	Total no. of fruit plants	Total no. of bearing plants	Quantity produced (Kg.)	Sale proceed (Rs.)

**(vi) Other materials produced:**

KVK	Name of the item	No./ Kg .produced
	Vermicompost	190 kg

**(vii) Economics of revolving fund activities:**

KVK	Expenditure (Rs.)	Gross return (Rs.)	Net profit (Rs.)
	223083.50	310000.00(Tentative )	86917.00

**16. Achievement of programme on doubling the farmers' income:**

KVK	Title	Details of technology	Yield (q/ha)		% increase	Cost of Production (Rs)	Net return (Rs)	B:C
			Demo.	FP				
Ganjam-II	Management of early blight in Tomato	Seed treatment with Vitavax Power (Carboxin 37.5% + Thiram 37.5%) @ 2gm/kg of seed and foliar spray with Mancozeb @ 0.2%. 1st spray at the time of initiation of disease and 2nd spraying after 20 days	358	265	35.04	171290	359710	3.10
Ganjam-II	Weed management in rice	Application of Bensulfuron methyl+ pretilachlor (Londax Power) @60+600g/ha at 3 DAT	38.7	32.3	19.81	34517	15550	1.50
Ganjam-II	Brinjal Variety Arka Annand	Cultivation of Variety: Arka Annand and Seed treatment with Trichoderma viride (4g/kg) and Pseudomonas @ 10 g/ kg of seed and application of 125:75:125kg NPK/ha (RDF	341.6	280.7	21.6	121705	218969	2.91
Ganjam-II	Nutrient management in Hybrid rice	Application of 120:60:60 Kg N: P2O5: K2O /ha + 25 kg ZnSO <sub>4</sub> /ha as basal	61.95	48.46	27.83	39150	28830	1.73
Ganjam-II	Paddy straw mushroom	Scientific methods of paddy straw mushroom cultivation	1.3	1.2	9.09	70 / bed	74/ bed	2.06

Ganjam-II	Performance of Java punti in carp culture	Stocking of java Punti 2500 nos/ha along with normal maintenance of stocking density of carps@7500 nos/ha	29.50	22.85	29.10	77285	194000	2.72
Ganjam-II	Composite Pisciculture	Stocking of Catla, Rohu, Mrigal, common carp and grass carp fingerlings @ 7500 nos / ha with a ratio of 25:35:20:10:10 with supplement feed of oil cake and rice bran @ 1:1 ratio during initial 3 to 4 months with regular water management	22.25	18.75	18.6	87675	90285	2.17

**17. Achievement on Pulses Seed Hub (For seed hub KVKs):**

KVK	Season	Name of crop	Area	Variety	Class of seed	Production(q)	Cost of Production (Rs)	Net return(Rs)

**18. Achievement on Head to Head trial of IRRI rice varieties**

KVK	Name of var.	Area(ha)	No. of farmers	Details of Technology demonstrated	Yield(q/ha)		% Increase	Cost of Production (Rs)	Net return (Rs)	B:C
					Demo	FP				

**19. Achievement on KKA activities:**

KVK	Name of activity	No. of farmers involved

**20. Achievement on any special programme(ARYA/Centre of Excellence etc./ other special projects):**

**21. Brief report on workshops, summer courses, symposia, training programmes attended by KVK scientists:**

Name of the Scientist participated	Designation	Topic	Place	Period
Sri Sandeep Mohanty	Scientist ( Plant Protection )	Orientation training on Plant Protection	ATARI, Kolkata	12.12.18 to 16.12.18
Mrs Sushree Choudhury	Scientist (Horticulture)	Training on improve production practices in horticulture crops	IIHR, Bangalor	04.04.18 to 06.04.18
		Regional workshop on PPV & FRA	WBUA & FS, Belgachia, WB	15.03.19
Mr Debasis Sarangi	Scientist (Soil Sc.)	Water and Soil management	IIWM, Bhubaneswar	21.01.18 to 24.01.19
		training on oilseed crop under(TRFA)oilseed	DDA Ganjam, Berhampur	11.3.19 to12.3.19
Mrs Kabita Mishra Scientist(Agronomy)		District level workshop on cotton cultivation	DDA Ganjam, Berhampur	8.3.19
		training on oilseed crop under(TRFA)oilseed	DDA Ganjam, Berhampur	11.3.19 to12.3.19
Mr Sidharth Sankar Das	Scientist (Fishery)	Quality fish seed production and certification	College of Fisheries, O.U.A.T	5.2.19 to14.2.19

**22. Research papers/ Books/ Book chapters/ Popular articles/ Technical Bulletins/Manuals developed:**

Sl No	Title	Author name
1	Biology of cultivation carps	Mr. Sidharth Sankar Das, Scientist(Fishery)
2	Induced breeding and seed production of carps	Mr. Sidharth Sankar Das, Scientist(Fishery)
3	Seed production of Ornamental fish	Mr. Sidharth Sankar Das, Scientist(Fishery)
4	Preparation of sperm suspension of claries batrachus	Mr. Sidharth Sankar Das, Scientist(Fishery)
5	effect of micro nutrient in marigold	Mrs. Sushree Choudhury, Scientist (Horticulture )

**23. Awards and recognitions received during 2018-19:**

**24. Externally funded projects operating and sanctioned:**

Name of the KVK	Project title	Funding agency	Total outlay (Rs in lakh)	Period (from to)
Ganjam-II	Farmers producer organization, RKVY	RKVY, Govt. Odisha	20	2017-2020

**25. Distinguished visitors, date and purpose of visit:**

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Prof. S. N. Pasupalak Hon'ble Vice Chancellor, OUAT	Burupada	30.8.18	F.P.O meeting
	KVK, Ganjam-II	31.8.18	KVK Visit
	Burupada, Nandika, Sikiri, Ralaba	22.10.18	FPO visit (Post Titili)
	KVK, Ganjam-II	05.02.19	KVK Visit
Dr. G.Trivedi, Ex-Vice Chancellor , RAU, Pusa Bihar	KVK, Ganjam-II	12.09.18	Site selection for KVK, Ganjam-II
Dr. A. Goswami, DREF, WBUA&FS, Kolkata-37	KVK, Ganjam-II	12.09.18	Site selection for KVK, Ganjam-II
Dr. P.K. Roul, Dean Extension Education, OUAT	KVK, Ganjam-II	12.09.18	Site selection Golanthara farm for KVK, Ganjam-II
Dr.S. S. Mishra, Director(Acting), ICAR-CIFA, Bhubaneswar	KVK, Ganjam-II	12.09.18	Site selection Golanthara farm for KVK, Ganjam-II
Dr. S.S Singh, Director, ICAR-ATARI, Kolkata	KVK, Ganjam-II	12.09.18	Site selection Golanthara farm for KVK, Ganjam-II
Mr. Manoj Kumar Behera, Deputy Director, Agriculture, Ganjam, Odisha	KVK, Ganjam-II	12.09.18	Site selection Golanthara farm for KVK, Ganjam-II
Dr. S.K. Roy Principal Scientist, ICAR-ATARI, Kolkata	KVK, Ganjam-II	12.09.18	Site selection Golanthara farm for KVK, Ganjam-II
Prof. P. K. Roul Dean, Directorate of Extension Education, OUAT	KVK Visit	04.04.18	KVK Visit
	Burupada	30.8.18	F.P.O meeting
	KVK, Ganjam-II	12.09.18	Site selection for Golanthara farm
	Burupada, Nandika, Sikiri, Ralaba	22.10.18	FPO visit (Post Titili)



Prof. P.K Mishra , JDE DEE, OUAT, Bhubaneswar	Golanthara, K.V.K farm	13.12.18	Attend SAC meeting
Dr. M.P. Nayak, JDE DEE, OUAT, Bhubaneswar	Golanthara, K.V.K farm	28.12.18	KVK Visit

**26. Infrastructure developed including maintenance and renovation :**

Name of the KVK	Name of the infrastructure	Purpose	Funding agency	Status as on 31.03.2019

**N.B. : Please attach good quality action photographs of each activity in JPEG format  
Submit the word file of your report through mail ID [ddeuebdee4@gmail.com](mailto:ddeuebdee4@gmail.com) only**


**CFLD on pulses**

 <p><b>Seed Distribution</b></p>	 <p><b>Group Discussion</b></p>	 <p><b>Field Visit</b></p>
 <p><b>Training</b></p>	 <p><b>Harvesting</b></p>	 <p><b>Field Day</b></p>