

**Proforma (A)**  
**Proforma for OUAT Annual Report 2020-21**  
**(Period 01.04.2020 to 31.03.2021)**

Name of the College/Establishment: KVK Ganjam-II

1. Teachers/Scientists and staff-in position as on 31.03.2021

Sl. No.	Name	Designation	Department /Establishment
1	Dr (Mrs.) Susmita Mohanty	Sr. Scientist & Head	KVK Ganjam-II
2	Sri Sasank Lenka	Scientist (Extension.)	KVK Ganjam
3	Sri Debasis Sarangi	Scientist (Soil Sc.)	KVK Ganjam
4	Smt Sushree Choudhury	Scientist (Hort.)	KVK Ganjam
5	Sri Sidhartha Sankar Das	Scientist (Fishery)	KVK Ganjam
6	Mrs Kabita Mishra	Scientist (Agronomy)	KVK Ganjam
7	Mr Sandeep Mohanty.	Scientist (Plant Protection)	KVK Ganjam
8	Sri Bhakti Ranjan Palai	Prog. Asst.(Comp.)	KVK Ganjam
9	Sri Saubhagya Ranjan Das	Steno-cum-Comp. Operator	KVK Ganjam
10	Sri Simanchal Sahu	Driver-cum-Mechanic	KVK Ganjam
11	Sri Rabi Narayan Mohapatra	Driver-cum-Mechanic	KVK Ganjam
12	Sri Bisia Pradhan	Peon-cum- Watchman	KVK Ganjam
13	Sri Gajendra Pradhan	Peon-cum- Watchman	KVK Ganjam

2. Number of students enrolled and passed out from U.G./P.G./Ph.D. degree programmers

Degree programme	Intake capacity	Students admitted during 2020-21	Student strength (Total of all the classes/batches) as on 31.03.2021			Pass outs during 2020-21
			Boys	Girls	Total	
Graduation						
Master's degree						
Ph. D.						
Any other (+2 or Diploma etc.)						

3. New courses introduced/New education programme

4. Details of RAWE/Experiential Learning/ Internship/ In-Plant Training

5. Details of workshops, summer courses, short course, symposia and training programme conducted.

Sl. No.	Topic	Place	Period
1			

6. Details of workshops, summer courses, short course, symposia, training programmes attended by teachers/scientists.

Name of the Scientist	Designation	Topic	Place	Period

7. Faculty visited abroad

Sl. No.	Name of the Scientist	Designation	Country visited	Purpose of	Period

				visit	

8. Three important **concluded research findings** (in brief) from each department, which has been recommended.

9. Results of Extension activities, if any (**Put information in Proforma B**)

10. Achievements in production of seeds and planting materials and other materials

**Seed Production**

Crop	Season	Category (Breeder/ Foundation/ Certified/ TL)	Quantity (q) produced	Remark

**Production of planting material and other materials**

Name of planting material/ other material	Quantity (qtl/no.) produced	Remarks, if any

**Treatment of animal**

Sl. No.	Name of animal	No. treated	Remarks, if any

**Implements tested**

Sl. No.	Name of the implement	No. of implement tested

**Central Instrumentation Facility (brief achievement)**

11. Linkages and collaborations with other agencies/ Departments within and outside the country.

12. Research papers/ Books/ Book chapters/ Popular articles/ Technical Bulletins/Manuals developed

(A) **Research Publications**

(B) **Research papers presented at International and National Seminars/ Symposia**

(C) **Chapter in Books**

(D) **Books 2**

(E) **Laboratory Manual**

(F) **Extension Bulletins/ Booklets**

1.S Mohanty,K Mishra, D Sarangi & S Mohanty “Baigyanika padhatidwara mugachasara amala brudhi”, KVK Ganjam-II

(G) **Popular Articles**

*Kindly adhere to the proforma/format as exemplified above.*

13. Awards and recognitions (both students and faculties)

14. Externally funded projects operating and sanctioned

Project title	Funding agency	Total outlay	Period (from to)

15. Students' Placement

Sl. No.	No. of student got placement	Name of the organization	Govt./private/ others

16. Students' Welfare/Co-curricular activities

17. Distinguished visitors, date and purpose of visit

Name of the visitor	Place of visit	Date of visit	Purpose of visit

18. Consultancy projects handled and revenue generated

Name of the Project	Funding agency	Total fund outlay	Share of University


19. Other items, if any (Novel innovations such as products, processes technologies, varieties)

20. Good quality photograph (Photographs should be in JPEG format with minimum size of 1 Mb and a caption)

### **Proforma (B)**

## **ACHIEVEMENT REPORT OF KVK**

**Annual Report of DEE 2020-21(Period 01.04.2020 to 31.03.2021)**

### **Training for farmers & farm women:**

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Ganjam-II	Crop production	11	195	80	44	15	275
	Horticulture	12	227	73	77	40	300
	Soil science	12	216	84	8	14	300
	Plant protection	11	193	82	50	25	275
	Fishery	11	189	86	36	20	275
	Home science	5	-	125	5	-	125
	<b>Total</b>	<b>62</b>	<b>1020</b>	<b>530</b>	<b>220</b>	<b>114</b>	<b>1550</b>

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

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Ganjam-II	Crop production	4	38	22	18	7	60
	Horticulture	4	47	13	5	7	60
	Soil Science	4	47	13	6	5	60
	Plant protection	4	55	5	-	-	60
	Fishery	4	53	7	9	-	60
	<b>Total</b>	<b>20</b>	<b>240</b>	<b>60</b>	<b>38</b>	<b>19</b>	<b>300</b>

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

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	S.C.	S.T.	Total
KVK Ganjam-II	Crop production	2	11	9	-	-	20
	Horticulture	2	12	8	-	-	20
	Soil Science	2	12	8	-	-	20
	Plant protection	2	9	11	-	-	20

	Fishery	2	12	8	-	-	20
	Total	10	56	44			100

**(iv) Sponsored training:**

KVK	Discipline	No. conducted	Duration (days)	No. of beneficiary					Sponsoring agency
				Male	Female	SC	ST	Total	

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

KVK	Discipline	No. conducted	Area (ha)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Ganjam-II	Crop production	2	2	-	9	3	3	5	12
	Horticulture	2	1.4	-	14	-	1	-	14
	Soil Science	2	1.4	-	13	1	4	-	14
	Plant protection	2	1.4	-	14	-	1	-	14
	Fishery	2	4	-	13	2	3	-	15
	Home science	1	-	10 nos.	-	10	-	1	10
	<b>Total</b>	<b>11</b>	<b>10.2</b>	<b>10</b>	<b>63</b>	<b>16</b>	<b>12</b>	<b>6</b>	<b>79</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	Ragi	Kharif	<p><b>T O<sub>1</sub></b> : Cultivation of Ragi variety BHAIRABI (Source: CPR, BERHAMPUR,OUAT)</p> <p><b>T O<sub>2</sub></b> : Cultivation of Ragi variety ARJUN (Source:CPR, BERHAMPUR,2015 OUAT )</p> <p><b>T O<sub>3</sub></b> : Cultivation of Ragi variety KALUA Source:CPR, BERHAMPUR,2016 OUAT )</p>	<b>FP</b> : Use of local variety BUDHA MANDIA	<p>T O<sub>1</sub> -16.2</p> <p>T O<sub>2</sub> -19.3</p> <p>T O<sub>3</sub> -18.6</p>	FP -13.2	46.2
	Tuberose	Kharif	<p><b>T O<sub>1</sub></b> : Cultivation of variety Arka Prajawal (Source: IIHR Bangalore .2012 )</p> <p><b>T O<sub>2</sub></b> : Cultivation of variety Arka Nirantar (Source: IIHR Bangalore .2014 )</p>	<b>FP</b> : Cultivation of old existing variety Calcutta single	<p>T O<sub>1</sub> -5.42</p> <p>T O<sub>2</sub> - 5.01</p>	FP -4.71	15.07

KVK	Crop/ Component	Season	Technology Assessed (Give in detail)	Farmers' practice (Give in detail)	OFT yield (q/ha)	Yield in farmers , practice (q/ha)	% incre ase in yield
	Rice	Kharif	<p><b>T O<sub>1</sub></b> : Application of Acephate + Imidacloprid @ 1.5 kg/ha will spray at initiation of BPH infestation( Source: OUAT, BBSR, Annual Report 2016-17)</p> <p><b>T O<sub>2</sub></b> : Application of Flubendiamide 4% +Buprofezin 28% @700 ml/ha will spray at initiation of BPH infestation (Source: OUAT,BBSR., 2018 )</p>	<b>FP :</b> Spraying of Imidacloprid @ 200ml/ha	T O <sub>1</sub> - 42.3 T O <sub>2</sub> - 45.4	FP -38.7	14.7

**2. (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	8	-	31	11	9	4	42
	Horticulture	4	4	-	36	4	6	5	40
	Soil Science	4	3.2	-	40	-	1	1	40
	Plant protection	4	8	-	40	-	13	-	40
	Fishery	4	12.5	-	21	9	12		30
	Home science	2		20	-	20	4	2	20
	<b>Total</b>	<b>22</b>	<b>35.7</b>	<b>20</b>	<b>168</b>	<b>44</b>	<b>45</b>	<b>12</b>	<b>212</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
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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
Ganjam-II	Demonstration of High yielding rice variety Pratibha	Kharif	<b>RP:</b> Cultivation of rice variety Pratibha (Duration 125 days, potential yield- 52.3 q/ha, adaptability to rainfed and irrigated medium land, Resistance to brown spot and glume discoloration )	<b>FP:</b> Cultivation of rice variety MTU 1001	42.89	35.12	22.12
	Demonstration on cowpea variety- Kashi Kanchan	Kharif	<b>RP:</b> Kasi Kanchan variety is bushy(height 50-60 cm),early flowering(40-45days after sowing) early picking(50-55 days after sowing) and resistant to YMV, green fleshy pod, suitable for both Kharif and Rabi, yield 150-175 q/ha	<b>FP:</b> Cultivation of varieties (bhagalaxmi) which is attacked by YMV with yield potential of 120q/ha	119.4	102.1	16.94
	Demonstration on Yearling stocking for yield enhancement in Community pond	Year Round	<b>RP:</b> Yearling Stocking in Community pond @ 5,000 Nos./ha; Surface : Column : Bottom feeder :: 3 : 4 : 3	<b>FP:</b> Stocking of Fish fry/fingerlings and not maintaining the stocking ratio	42.0	31.70	32.5

### 3. (i) Clusterdemonstration on oilseed & pulse:

KVK	Season	Crop	Variety	Area (ha)	No. of beneficiary				
					Male	Female	SC	ST	Total
Ganjam-II	Rabi	Greengram	IPM02-14	10	27	-	-	-	27

### (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

						<b>over local</b>
Ganjam-II	Rabi	Greengram	Improved seeds (IPM 02-14), Seed treatment with( Trichoderma Viridae) @ 5gm/kg seed , spraying of Propaquizalophos 750 ml / ha for control of weeds, spraying of N-P-K(19-19-19) for better flowering & growth, Spraying of indoxacarb @ 1 ml/ lt of water for controlling pod borer problems	6.5	5.3	27

#### 4. Other extension activities:

Sl.No.	Extension activities	No. of activities	No. of beneficiaries
1	Field Day	22	427
2	Kisan Mela	1	41
3	Exhibition	1	500
4	Advisory Services	55	20904
5	Scientific visit to farmers field	220	1255
6	Farmers visit to KVK	256	384
7	Celebration of important days	5	255
8	MahilaKisan Divas	1	25
9	Any Other (POSHAN MAAH Programme)	1	50
10	Farmers Scientist Interaction (ATMA)	3	75

#### 5. Publication:

Sl.No.	Item	No.	No. of copies printed
1	Booklet	1	300
	<b>Total</b>	<b>1</b>	<b>300</b>

#### 6. Soil and water sample analysis:

KVK	Soil				Water				Grand total (soil + water)	No. of soil health card issued
	Tested in KVK lab.	Tested by MridaParikhyak	Tested outside	Total	Tested in KVK lab.	Tested by MridaParikhyak	Tested outside	Total		
Ganja	-	200	-	200	-	3	-	3	203	560

m-II									
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**7. Scientific Advisory Committee Meeting:**

KVK	Kharif		Rabi	
	Date	No. of participants	Date	No. of participants
Ganjam-II	-	-	09.02.2021	37

**8. Awareness programme on Pradhanmantri Fasal Bima Yojana:**

KVK	Date	Participants				
		Male	Female	SC	ST	Total

**9. Farmers' fair:**

KVK	Date	Venue: Village & Block	Participants				
			Male	Female	SC	ST	Total
Ganjam-II	15.03.2021-19.03.2021	Office of the CDAO, Berhampur, Rangeilunda	453	47	-	-	500

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

KVK	No. of message sent	No. of farmers benefited	No. of extension functionary benefitted
Ganjam-II	55	20604	300

**11. HRD activities under taken:**

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

**12. NICRA Activities NA**

KVK	Name of NICRA Village	Climate vulnerability

(Give module-wise results)

**13. ARYA Activities NA**

KVK	Name of the component	Brief activity

(Give activity-wise results)

**14. Biotech-KISAN Activities NA**

KVK	Name of the component	Brief activity

(Give activity-wise results)

**15. Skill development training: GKRA**

Sl.No.	Name of KVK	Name of the trade	Date of training	No. of participants				
				Male	Female	SC	ST	Total
1	Ganjam-II	Off season vegetable cultivation	15.07.2020-17.07.2020 18.08.2020-20.08.2020 2.09.2020-	100	5	-	-	105



			4.09.2020					
2		Planting material production & nursery management	20.07.2020-22.07.2020 26.08.2020-28.08.2020	70	-	-	-	70
3		Pond based integrated farming system	05.08.2020-07.08.2020 08.09.2020-10.09.2020 09.09.2020-11.09.2020	105	-	-	-	105

### 16. Seed & Quality Planting Material production:

#### (i) Achievement Kharif 2020: Paddy seed

KVK	Variety	Class	Area (ha)	Production (q)	Yield (q/ha)
	Rice var. Swarna Sub-1 (FS)	FS	5	186	40.2

#### (ii) Achievement Rabi 2019 -20: 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	IPM02-14	TL	2	4.2	2.1

##### 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
Ganjam-II	Tomato	Arka Rakshak	12000
	Brinjal	Akshita	3000
	Chilli	Arka Harita Arka Meghna	12000
	Onion	Arka Yojit	1.60,000
	Papaya	Red lady Sapna F1	250
	Drumsick	PKM-1	250

#### (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
Ganjam-II	Vermi compost	2000
	Earth worms	15

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

KVK	Expenditure (Rs.)	Gross return (Rs.)	Net profit (Rs.)
Ganjam-II	309252	501864	192612

**17. 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
Ganjam-II	Cultivation hybrid chilli var. Arka harita	Cultivation hybrid chilli var. Arka harita with integrated nutrient management	187.2 q/ha	142.5q/ha	31	149268.6	342031.4	3.60
Ganjam-II	Intercropping in grow out pisciculture	Intercropping in grow out pisciculture Major crop: IMC Intercrop: Javapun ti Feed management: Farm made mash feed(CP-25%)@5-2% bodywt.	35.65 q/ha (IMC-31.15 q +Java p unti-4.50q)	20.96q/ha (IMC)	70	158000	148000	1.91

**18. 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)

**19. 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				

**20. Achievement on KKA activities:**

KVK	Name of activity	No. of farmers involved

**21. Achievement on any special programme( PKVY/Centre of Excellence etc./ other special projects/programmes):**

Name of the Project	Duration	No. of trainings	Participants	Project Cost (Rs.)

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

Name of the Scientist participated	Designation	Topic	Place	Period
Mrs. Kabita Mishra,	Scientist (Agronomy)	Basic application of remote sensing and GIS in agriculture and allied field.	GTC.OUAT, BBSR	27.01.21 to 03.02.21

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

Name of the KVK	Project title	Funding agency	Total outlay (Rs in lakh)	Period (from to)
Ganjam-II	Formation and Operationalisation of Farmers Producer Organisation (FPO) in Ganjam District (Hinjlicut and Surada Blocks) of Odisha	RKVY	325.48	2017-2020

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

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Mr Aditya Goel, IAS,Nodal officer	KVK, Ganjam-II	31.08.2020	Supervision of functioning of KVK & visit to demo. units
Mr. S Panigrahi , Joint Secretary , Govt. of Odisha	KVK, Ganjam-II	27.01.2021	Evaluating KVK functioning & visit to demo. units

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

Name of the KVK	Name of the infrastructure	Purpose	Funding agency	Status as on 31.03.2021
Ganjam-II	Administrative Building	Smooth functioning of office	ICAR	About 85% work completion
Ganjam-II	Boundary wall	Maintenance of demonstration units in KVK instructional farm	RKVY	About 76% work completion