

**Form (A),**  
**KVK- Rayagada**  
**Achievement Report 2024-25 (01.04.2024 to 31.03.2025)**  
**Directorate of Extension Education, OUAT, Bhubaneswar**

**1. Teachers/scientists and staff-in position as on 31.03.2025**

Sl. No.	Name	Designation	Establishment /Department
1.	Dr. (Mrs.) Susmita Mohanty	Senior Scientist& Head	KVK Rayagada
2.	Mr. Rajib Tudu	SMS (Plant Protection)	
3.	Dr. Naram Ramu	SMS (Agronomy)	
4.	Dr. Anindita Roy	SMS (Horticulture)	
5.	Mrs. Madhumita Sarangi	Scientist (Home Science)	
6.	Mr. Parimal Tarai	Programme Assistant (Seed Science)	
7.	Mrs. Sumitra Mohanty	Programme Assistant (Computer)	
8.	Mrs. Gitanjali Das	Junior Steno-cum-Computer Operator	
9.	Mr. Jagannath Pradhan	Driver-cum-Mechanic	
10.	Mr.Gopinath Kuanr	Driver-cum-Mechanic	

**2. Brief report on HRD activity: workshops, summer courses, symposia, etc. conducted.**

Sl. No.	Topic	Place	Period
-	-	-	-

**3. Brief report on workshops, summer courses, symposia, training programmes attended by teachers/scientists.**

Name of the Scientists participated	Designation	Topic	Place	Date(s)
Dr. (Mrs.) Susmita Mohanty	SS&H	SLREC,2024	OUAT, Bhubaneswar	27-29/05/2023
Dr Naram Ramu	SMS (Agronomy)	SLREC,2024	OUAT, Bhubaneswar	27-29/05/2023
Dr. (Mrs.) Susmita Mohanty	SS&H, KVK Rayagada	Annual Zonal Workshop 2024	KVK, Puri	27.08.2024 to 29.08.2024
Dr. Anindita Roy	SMS (Horticulture)	Recent advances in Fruit production	COH, Chiplima	17.12.2024 to 18.12.2024
Dr. Anindita Roy	SMS	National conference on Seed chain	ICAR-CHES,	21.01.2025

	(Horticulture)	management in eastern and north-eastern hill region : challenges and opportunity	Bhubaneswar	to 22.01.2025
Sri Rajib Tudu	SMS (PP)	Recent advances in implementable pest management technologies	OUAT, Bhubaneswar	11.02.2025 to 12.02.2025
Dr Naram Ramu	SMS (Agronomy)	National seminar on Resource management for climate resilient sustainable food production system	OUAT, Bhubaneswar	06.03.2025 to 07.03.2025
Dr. Anindita Roy	SMS (Horticulture)	National seminar on Resource management for climate resilient sustainable food production system	OUAT, Bhubaneswar	06.03.2025 to 07.03.2025
Sri Parimal Tarai	PA (Seed science)	Mass production and use of Bio-control agent for plant disease management.	OUAT, Bhubaneswar	06.03.2025 to 07.03.2025
Dr Naram Ramu	SMS (Agronomy)	Enhancing crop productivity, profitability and environmental sustainability through organic and natural farming	OUAT, Bhubaneswar	20.03.2025 to 21.03.2025
Sri Parimal Tarai	PA (Seed science)	Pest management in Natural farming	OUAT, Bhubaneswar	25.03.2025 to 26.03.2025
Dr Naram Ramu	SMS (Agronomy)	Exposure visit to KVK,Ganjam-1	KVK, Ganjam-1	28.03.2025
Dr. Anindita Roy	SMS (Horticulture)	Exposure visit to KVK,Ganjam-1	KVK, Ganjam-1	28.03.2025

#### 4. Faculty visited abroad

Sl. No.	Name of the Scientist	Department/ Establishment	Country visited	Purpose of visit	Date(s)
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-	-	-	-	-	-

#### 5. Results of schemes and programmes

(i) Salient achievements of Schemes operating at Bhubaneswar

(ii) Salient achievements of KVK activities

- On-farm trials- 7 No.
- Frontline Demonstrations- 14 No.
- Frontline Demonstrations under Tribal sub-plan – 10 No.
- Cluster Frontline Demonstration- 2 Nos. (140 ha.)

(iii) Salient achievements of Flagship programmes

## (iv) Details of extension activities

Sl.No.	Name of Extension activities	No. of activities	No. of beneficiaries
1.	Field Day	16	800
2.	Kisan Mela	1	130
3.	Kisan Ghosthi	0	0
4.	Exhibition	10	mass
5.	Film Show	11	953
6.	Method Demonstrations	14	430
7.	Farmers Seminar	0	0
8.	Workshop	0	0
9.	Group meetings	24	243
10.	Lectures delivered as resource persons	43	mass
11.	Kisan Mobile Advisory Services	48	35675
12.	Scientific visit to farmers field	538	4849
13.	Farmers visit to KVK	3073	3073
14.	Diagnostic visits	235	1655
15.	Exposure visits	13	747
16.	Animal Health Camp	-	-
17.	Soil test campaigns	-	-
18.	Farm Science Club Conveners meet	-	-
19.	Self Help Group Conveners meetings	26	265
20.	Plant health clinic	-	-
21.	Celebration of important days (World bee day, World milk day, World water day, Kisan and Vigyan day, Vigilance awareness week, International Womens' day, Women in Agriculture Day, World Food Day, World Soil Day, Mahila kisan Diwas, OUAT foundation day, ICAR foundation day etc.)	9	349
22.	Others (Specify if any) PM KISAN Yojana (live telecast of Pradhan Mantri Kisan Samman Nidhi Yojana), Live Webcast of 18th Installment Release of the PM-KISAN scheme, live streaming of nationwide launch of National Pest surveillance system, Live Webcast of 19th Installment Release of the PM-KISAN scheme (Kisan Sammaan Samaroh), PPV FRA, Parthenium awareness week, Vigilance Awareness week, Celebration of Jan Jatiya Gaurav Diwas-2024, Swachhata programme Special Campaign 4.0, Plantation programme under 'Ek Ped Maa Ke Naam' , Live Webcast of episode of Krishi Choupal, District level Project Launching Workshop- cum- FPO Conclave	13	9237
	<b>Total</b>	<b>4074</b>	<b>58406</b>

**6. Three (03) significant findings of OFT from each KVK as per following format**

Name of KVK	Crop/Component	Season	Technology assessed	Farmers' practice	OFT yield (q/ha)	Yield (q/ha) in farmers' practice	% increase in yield
Rayagada	Sesame	kharif	Assessment of high yielding varieties of sesame. TO1- Sesame Var. Subhra TO2- Sesame Var. Smarak TO3- Sesame Var. Kalinga sesame 3-1	Uma	TO <sub>1</sub> -4.50 TO <sub>2</sub> -4.80 TO <sub>3</sub> -5.40	3.82	TO <sub>1</sub> - 18 TO <sub>2</sub> -26 TO <sub>3</sub> - 41
	Tomato	Rabi	Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita TO <sub>1</sub> - Jibamruta application – Application of 200 lit of Jibamruta per acre with irrigation water or with spray machine at an interval of 15-20 days on standing crop @ 5-6 spray.  TO <sub>2</sub> - TO <sub>1</sub> +Bijamruta application-Application of prepared Bijamruat for seed treatment of 100 kg seeds, mix it with the seeds well so that bijamruta will be well coated on seeds, dry the mixture under shade before 24 hrs of sowing.	Carbendazim + Mancozeb @ 2gm./lt	TO <sub>1</sub> - 189.0  TO <sub>2</sub> - 194.0	196.0	TO <sub>1</sub> -3.57 TO <sub>2</sub> -1.02
	Brinjal	Kharif	Assessment of IPM Modules for the management of Brinjal fruit and shoot borer.  TO <sub>1</sub> - Erection of Pheromone traps @ 20 nos./ha, release of T. chilonis @ 50,000/ha 6 times from 21 DAT at weekly interval,	Spraying of Profenophos @ 2ml/lt.	TO <sub>1</sub> - 268 TO <sub>2</sub> - 271	203	TO <sub>1</sub> - 32.01 TO <sub>2</sub> - 33.49

			<p>spraying of Bt at flowering @ 2ml/l two times in 10 days interval. Spraying of Emamectin benzoate 5% SG @ 200 g/ha at ETL &gt; 5% .</p> <p>TO<sub>2</sub>-Clipping of infested shoots &amp; fruits regularly, pheromone traps @ 25/ha at 30 DAT, spraying of Azadiractin 1500 ppm @ 3 ml/l at 20 DAT, spraying of Bt @ 2 ml/l twice at 30 DAT and 45 DAT, spraying of Chlorantraniliprole 18.5% SC @ 0.25 ml/l at 60 DAT.</p>				
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**7. Three (03) significant findings of FLD from each KVK as per following format**

Name of KVK	Season	Intervention	Farmers' practice	FLD yield (q/ha)	Yield (q/ha) in farmers' practice	% increase in yield
Rayagada	Kharif	Demonstration on weed management in Finger millet. Pre-emergence application of (Bensulfuron methyl 0.6%+ pretilachlor 6%) at 0.66kg/ha at 2 DAT fb 2, 4-D ethyl ester 0.50 kg/ha at 30 DAT.	Manual Weeding at 35 DAT	13.5	9.25	20
	Rabi	Demonstration on INM in Blackgram Use of soil test based fertilizers application+ organic integration (FYM @ 5t/ha or vermicompost 2.5t/ha)+ seed inoculation of Rhizobium @1.25kg/25 kg of seed.	DAP @ 20 kg/ha.	6.8	4.9	38
	Rabi	Demonstration on collar rot management in groundnut Seed treatment with Carboxin 37.5% + Thiram 37.5 % (Vitavax power @	Carbendazi m+Mancoze b @ 2 gm/l	21.0	16.5	27.2

		2.5gm /kg of seeds, alternative spraying of Chlorothalonil 75% WP @ 1.5gm/lt. and Carbendazim 2gm./lt at 15 days interval.				
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## 8. Salient achievements in production of seeds, planting materials and other materials

### Seed Production

Crop	Season	Category (Breeder/ Foundation/ Certified/ TL)	Quantity (q) produced	Remark
Paddy	Kharif	Foundation	126.2	Var. MTU 1156
Finger millet	Kharif	Foundation	4.0	Var. Arjuna
Pigeon pea	Kharif	Foundation	2.7	Var. LRG-52
Sunhemp	Rabi	TL	3.0	Var. Local
Greengram	Rabi	Certified	Continuing	Var. Virat

### Production of planting material and other materials

Name of planting material/ other material	Quantity (q/number) produced	Remark, if any (Var.)
Drumstick	2000	ODC-3
Papaya	1670	Red lady
Tomato	19600	Arka Rakshak, Arka Samrat and VNR-3357
Brinjal	22900	Akshita and Utkal
Chilli	25730	Arka Meghna, Arkha Saanvi, VCH- 01
Onion	23000	Bhima Shakti, Agri found dark red
Cauliflower	10000	Nalini
Cabbage	11500	Pragati
Knol Khol	10000	Oni
Banana	500	Bantala, Pata Kapura and Champa
Marigold	30000	Arka Bhanu, Ceracola
Vermi-compost	4310 kg	-
Vermi	71.75 kg	-
Mushroom Spawn	2555 nos.	Paddy straw and Oyster mushroom

## 9. Linkages and collaborations with other agencies within and outside the country.

Name of organization	Nature of linkage
IIWM	Technology support to farmers and farm women in agri and allied sector in IIWM adopted village Khaira
Agriculture, Horticulture	Training of farmers, farm women, rural youth and extension functionaries, field day, demonstration, Millet recipe contest, SAC meeting, and exhibition
Veterinary	Animal health camp, SAC meeting exhibition and training
Fisheries	Training and Research Linkage meeting, exhibition, SAC meeting
ITDA	Training and SAC meeting
NGOs and WOTR	Capacity building training, demonstration, Millet recipe contest and SAC meeting

**10. Research papers/ Books/ Book chapters/ Popular articles/ Technical Bulletins/Manuals developed (Kindly adhere to the format followed in OUAT)**

A. Research Publications:

B. Research papers presented at International and National Seminars/ Symposia:

C. Chapter in Books:

D. Books

E. Laboratory Manual

F. Extension Bulletins/ Booklets

Booklets: 3 nos.

G. Popular Articles

**11. Important awards and recognitions**

Sl. No.	Name of FPO	Occasion	Date
1.	Kolnara Narishakti FPO	63 <sup>rd</sup> Foundation Day of OUAT – cum- FPO Conclave	24.08.2023

**12. Important awards to farmers**

Name of the farmer	District	Date	Occasion	Category / Award name	Awarding Agency
Tanka Sabar	Rayagada	19.02.2025	OUAT- Farmers' fair	Progressive farmer	OUAT

**13. Distinguished visitors, date and purpose of visit**

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Sj. Maheswar Sahu BJP leader & President Krushak Morcha	KVK Office	30.09.2024	Kisan Mela and Plantation programme under 'Ek Ped Maa Ke Naam'
Dr. P. K. Mohanty DDE, UEBP, Directorate of Extension Education, OUAT, Bhubaneswar	KVK Office	19.12.2024	SAC Meeting

**14. Consultancy projects handled and revenue generated**

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

**15. Other items, if any**

**16. Good quality photographs 10 numbers (In JPEG format with minimum 1 Mb size and a caption)**



Assessment of medium duration rice varieties under rainfed condition



Assessment of IPM Modules for the management of Brinjal fruit and shoot borer



Field day on Weed management in finger millet



Field day on Integrated Pest Management of thrips and mite in chilli



Preparation of Jivamrita and Bijamrita



Training to CRPF personnel on Scientific beekeeping



Strawberry Demo unit



Demonstration on brooding management in chicks



Plantation programme under 'Ek Ped Maa Ke Naam' by Sj. Maheswar Sahu, BJP leader & President Krushak Morcha



Exhibition stall during Kisan Mela



Live Webcast of 19th Installment Release of the PM-KISAN scheme (Kisan Sammaan Samaroh)



District level Project Launching Workshop- cum-FPO Conclave