

Form (A),
KVK- Jharsuguda
Proforma for Achievement Report 2025-26 (01.04.2025 to 31.03.2026)
Directorate of Extension Education, OUAT, Bhubaneswar

1. Teachers/scientists and staff-in position as on 31.03.2026

Sl. No.	Name	Designation	Establishment /Department
1	Dr. Samir Ranjan Dash	Senior Scientist & Head	KVK, Jharsuguda
2	Dr. Anuj Kumar Rai	Scientist (Plant Sc.)	
3	Ms. Susmita Panda	SMS(Agronomy)	
4	Dr. Tarak Chandra Panda	Scientist (Ag. Engineering)	
5	Dr. Jyotiprabha Mishra	Scientist (Animal Sc.)	
6	Sri Bishnu Ranjan Padhi	Prog, Asst (Computer)	
7	Sri Samanta Mallick	Driver- cum- Mechanic	
8	Sri Manoj Kumar Sahoo	Driver- cum- Mechanic	
9	Kamala Nag	Peon-cum-Watchman	

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

Sl. No.	Topic	Place	Period

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

Name of the Scientists participated	Designation	Topic	Place	Date(s)
Dr. Samir Ranjan Dash	Sr. Scientist and Head, KVK, Jharsuguda	International Seminar on Extension Education strategies for Digital Agriculture: Experiences and Sustainable pathways	At OUAT, BBSR Organised by OUAT Bhuabaneswar, INSEE, Nagpur and OSEE Bhubaneswar	20-22 June 2025
		Workshop on Agriproducts exports from Odisha : Capacity building and way forward	DA and FE Govt Of Odisha at OUAT	25.04.25
		State level research extension council meeting SLREC 2025	OUAT, BBSR	15.5.25 to 17.5.25
		Workshop on Kisan Sarathi 2.0	ICAR –ATARI Kolkata and OUAT, BBSR	20.2.26
		Zonal workshop	UBKV, KVK, Koch Behar,	27.8.25 to 29.8.25

Dr. Susmita Panda	SMS (Agronomy)	Refresher training programme on Recent trends in weed management	Kolkata DEE, OUAT, BBSR	12.03.26 to 13.03.26
		State level research extension council meeting SLREC 2025	OUAT, BBSR	15.5.25 to 17.5.25
Dr. Anuj Kumar Rai	Scientist (Plant Sc.)	Two-day refresher training programme	Director of Extension Education, OUAT, BBSR	23 & 24 March, 2026
		One day Regional seminar on Natural farming	CIWA- ICAR, Bhubaneswar	24th Feb. 2026
Dr. Jyotiprabha Mishra	Scientist (Animal Sc.)	National meet webinar on Integrated meat value chain under West Bengal livestock development cooperation	Indian meat science association	18.7.25

b. Exposure Visit of Scientists to different organization

Name of the Scientists visited	Designation	Place of visit	Date(s)	Brief Report (New Learnings)
Dr. Jyotiprabha Mishra	Scientist (Animal Sc.)	WBUAFS, ATARI, CIFRI, Barakpore, Kolkata	23.03.26 to 24.03.26	During our exposure visit to West Bengal University of Animal and Fishery Sciences (WBUAFS), Kolkata, we gained valuable insights into advanced practices, including scientific feed formulation, and animal health management techniques. The interaction with scientists enhanced our understanding of integrating research with field-level extension. At ICAR-Central Inland Fisheries Research Institute (CIFRI), Kolkata, we learned about inland fisheries resource assessment, ecosystem-based management, and innovative technologies for enhancing fish productivity in reservoirs and rivers.

4. Faculty visited abroad

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

5. Results of schemes and programmes

(i) Salient achievements of KVK activities

Sl. No.	Name of extension activity	No. of participants	Remarks, if any
1.	Field Day	240	
2.	Kisan Mela	450	
3.	Kisan Ghosthi	150	
4.	Exhibition	2370	
5.	Film Show	620	
6.	Method Demonstrations	750	
7.	Farmers Seminar	100	
8.	Workshop	184	
9.	Group meetings	400	
10.	Lectures delivered as resource persons	650	
11.	Scientific visit to farmers field	620	
12.	Farmers visit to KVK	340	
13.	Diagnostic visits	470	
14.	Exposure visits	550	
15.	Celebration of important days	846	
16.	Viksit Krishi Sankalpa Avijan	27000	

(ii) Salient achievements of Flagship programmes

Sl. No.	Name of extension activity	No. of participants	Remarks, if any

(iii) Details of extension activities

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
Jharsu guda	Finger millet	<i>Kharif 2025</i>	Assessment of high yielding finger millet varieties with nutrient management TO1 -Ragi var. Arjuna with STBF application of NPK TO2 - Ragi var. OUAT Kalinga Finger millet 1	Local ragi variety (Nali mandia) with application of 50:30:20 kg/ha	TO ₁ -11.5 q/ha TO ₂ -12.1 q/ha	Finger millet	<i>Kharif 2025</i>

			(Shreeratna) with STBF application of NPK				
	Rice	<i>Kharif 2025</i>	Assessment of Wet Land Power Weeder for weeding in Rice [24OAE06K] TO₁ - Mandwa weeder TO₂ - Wet land power weeder	Manual weeding	Weeding Efficiency (%) TO ₁ - 86 TO ₂ - 92 Cost of Operation (Rs/ha) TO ₁ - 5454.00 TO ₂ - 1952.00	Rice	<i>Kharif 2025</i>
	Poultry	Round the year, 2025	Assessment of low-cost poultry feed formulation for growth of poultry in semi-intensive system [24OAS06]	Feeding of only broken rice feed during first 35 days followed by free range feeding with no protein supplement	TO1-Body wt. at 60 days (Kg/bird) 0.765±0.017 TO2-0.790±0.014	Body wt. at 60 days (Kg/bird) 0.570±0.012	TO1-34% TO2-38.6%

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
Jharsuguda	Kharif - 2025	Demonstration on Weed Management in maize [25FAG12(K)] Early Post-emergence application of Tembotrione @100 gm/ha at 15-20 DAS (4-5 leaf stage)	Hand weeding at 25 DAS	61.8	54.1	14
	Rabi 2025-26	Demonstration on management of purple blotch in onion Code-	Var. Agrifound dark red, Spraying of Carbendazim 12% + Mancozeb 63%	180.5	142.2	26.9

		24FPP28(R) Seed treatment with (Carboxin 37.5% + Thiram 37.5% DS) @ 2 g/kg seed + three foliar sprayings with Tebuconazole 25 EC @ 1 ml/l at 15 days interval starting from initiation of the disease				
	Round the year, 2025-26	Demonstration on Bypass fat and mineral mixture feeding for sustained milk production with high specific gravity [23FAS02RY] Grazing+ concentrate @4-5kg/day/cow +Bypass fat @15-20 gm/kg milk/day +Mineral mix @50g/cow/day	Grazing, straw feeding and commercial concentrate feeding @4-5kg/day/cow	Milk yield - 9.5 lit/cow/day Fat % in milk- 4.1	Milk yield - 7.2 lit/cow/day Fat % in milk- 3.4	% Yield increase in milk- 31.94

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
Dhaincha	Kharif	TL	1.2 q	

Production of planting material and other materials

Name of planting material/ QPMs	Quantity (q/number) produced	Remark, if any
Mango	8.30 q	
Guva	0.50q	
Tomato	8540nos	
Brinjal	4640nos	
Chilli	13214 nos	
Onion	13680 nos	
Papaya	385 nos	
Moringa	388 nos	

Mango graft	127 nos	
Vermicompost	4.74 q	
Vermi	3.0 kg	
Mushroom	19.0 kg.	
Poultry	800 nos	

Other materials produced

Name of other material produced	Quantity (q/number) produced	Remark, if any
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9. Linkages and collaborations with other agencies within and outside the country.

Name of organization	Nature of linkage
Regional Research & Technology Transfer Station, Chiplima, Sambalpur	Agro Inputs and Technical assistance
Central Horticultural Experiment station, Bhubaneswar	Resource person, Technology and technical assistance, Agro Input supply
Central Tuber Crop Research Institute, Bhubaneswar	Programme implementation ,convergence mode action , resource person, technical assistance, funding agency, input supply
National Rice Research Institute, Cuttack	Programme implementation, Resource person, technical assistance, funding agency, input supply
Department of Agriculture, Jharsuguda	Programme implementation , convergence mode action ,Resource person, technical assistance, funding agency, input supply
Department of Horticulture, Jharsuguda	Programme implementation , convergence mode action ,Resource person, technical assistance and assistance in infrastructure development
Department of Fishery, Jharsuguda	Programme implementation , convergence mode action , Resource person, technical assistance, Agro input supply
Watershed Development, Jharsuguda	Agro Input supply, seed certification, procurement of seed.
Animal Resource department, Jharsuguda	Supply of farm implements, Agro inputs.
Odisha State seed corporation, Bargarh	Farmers club formation, Resource person,
Odisha Agro Industries corporation, Jharsuguda	Suggestion in formation of technical programmes, Crop insurance.
NABARD, Sundergarh	Agro Input supply, convergence mode action
Lead bank, SBI, Jharsuguda	Resource person, Technical assistance for capacity building
SEWA, Kolabira, (NGOs)	Programme implementation, convergence mode action, Resource person, Technical guidance
AJKA,Lakhanpur, Jharsuguda	Resource person and technical guidance

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

A. Research Publications:

SL. No	Title	Authors	Publications Details	Journal & ISSN	NASS Score
1.	Deciphering the constraints perceived by farmers in the adaptation of climate resilient technologies in the NICRA villages of Jharsuguda District in Odisha, India : RBQ and Kendalsa Coefficient of Concordance Approach	A. Naik, S. R. Dash, K. S. Das S .Bahubalendra and P. R. Mohnaty	An international Quarterly Scientific Journal Open Access Journal, Scopus indexing journal Year 2025	Nature Environment and Pollution Technology , Journal NEPT E –ISSN 2395-3454, Vol 25 No - 1	NASS - 5.33 Scopus Cite Score - 1.5
2.	Yield gap analysis of Nizer (Guizotia abyssinica ,L) in North Eastern Ghat Zone of Odisha	S. R. Dash, N. Bar, M. Bhol, B. R. Pattanaik, & S. Panda	International Journal of Agriculture and social Development	International Journal of Agriculture and social Development VII (4) 430 434	NAAS -5.04
3.	Empowering framers through climate resilience : A Socioeconomic study of the farmers under National Innovations in Climate resilient Agriculture (NICRA) project in Jharsuguda district of Odisha , India	A Naik, S R Dash, K S Das, S K Sahoo, and P Baral	International Journal of Environment and Climate change ISSN:2581-8627	Vol 15, Issue 3, Pg 464-480, 2025 Article no – IJECC-133466	NAAS -5.16
4.	Bridging Technology, Information and Sustainability: Digital Transformation of Eastern Indias’s Agricultural sector	A Naik, S R Dash	International Seminar on Extension Education strategies for Digital Agriculture: Experiences and Sustainable	20-22 June 2025 Organised by OUAT Bhuabaneswar, INSEE,	

			pathways	Nagpur and OSEE Bhubaneswa r	
5.	Sowing dates and establishment methods determine weed dynamics, yield and economics of rainfed lowland rice	Susmita Panda, B. Behera, B.K.Mohapatra, A. Baliarsingh, <i>et.al</i>	Plant Science Today, Vol 12(sp4): 01–09, 2025 https://doi.org/10.14719/pst.11428	<i>Plant Science Today</i> ISSN : 2348-1900	6.7
6.	Optimizing productivity, energetics and economics in a rice blackgram cropping system under variable sowing dates, establishment methods and weed management	Susmita Panda, B. Behera, B.K.Mohapatra, A. Baliarsingh, <i>et.al</i>	Plant Science Today, Vol 12(sp4): 1-9, 2025 https://doi.org/10.14719/pst.10608	<i>Plant Science Today</i> ISSN : 2348-1900	6.7
7.	Soil physical and biological responses to rice establishment practices in rice-blackgram system	Susmita Panda, B. Behera, B.K. Mohapatra and BanashriLodh	Journal of Eco-friendly Agriculture, 20(2):458-463, 2025	<i>International Journal of Journal of Eco-friendly Agriculture</i> e-ISSN : 2582-2683	5.36
8.	Standardization of formulation and processing conditions for the development of ghee residue-based Baal mithai	Jameel Ahmad, Geeta Chauhan, AR Sen, S Talukder, J Jawla, M Gangwar, J Mishra and AV Khawale	International Journal of Advanced Biochemistry Research	2025; 9(6): 423-428	5.29

- B. Research papers presented at International and National Seminars/ Symposia:
 C. Chapter in Books:
 D. Books
 E. Laboratory Manual
 F. Extension Bulletins/ Booklets

Sl. No.	Item	No.	No. of copies printed
1.	Newsletter (Sabujima)	1	500
2.	Booklet on weed identification and their management in field crops	1	500
	Total	2	1000

G. Popular Articles

POPULAR ARTICLE/ EXTENSION LITERATURE			
J.Mishra, S.R.Dash, T.K.Panda,S. Panda,A.K.Rai	Precision Health concept and its benefits: A Personalized Approach to Animal Well-being	Just Agriculture, May issue 2025	Communicated
J.Mishra, S.R.Dash, T.K.Panda,S. Panda,A.K.Rai	Secondary Agriculture: Enhancing Value Addition and Sustainability for the farmers	Indian Farmer, May issue, 2025	Accepted

H. Video (Success Story/Tech. Demonstrated/Others)

11. Important awards and recognitions

Name of the Scientist/Person	Occasion	Date	Category / Award name	Awarding Agency

12. Important awards to farmers

Name of the farmer	District	Date	Occasion	Category / Award name	Awarding Agency
Sarat Sa	Jharsuguda	24.08.2025	OUAT foundation day	Smart Farmer	OUAT, BBSR
Ranjulata Patel	Jharsuguda		OUAT Farmers Fair 2026	Progressive women farmer	OUAT, BBSR

13. Distinguished visitors, date and purpose of visit

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Prof. Prabhat Kumar Roul, VC, OUAT, BBSR	KVK, Jharsuguda	11.05.25	For inauguration of ICT Centre and Mushroom unit
Prof. P.J. Mishra, DEE, OUAT, BBSR	KVK, Jharsuguda	11.05.25	For inauguration of ICT Centre and Mushroom unit
Prof. Niranjana Panda, Dean Research, OUAT, BBSR	KVK, Jharsuguda	11.05.25	For inauguration of ICT Centre and Mushroom unit
Dr.P. K. Samanta, OIC, LTFE, OUAT, BBSR,	KVK, Jharsuguda	12.12.2026	For 21 st SAC meeting of KVK

14. Consultancy projects handled and revenue generated

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

15. Linkage with Farmers during 2025-26

- i. Number of Farmers footfall in KVK Campus :
- ii. Number of farmers covered through OFT/FLD/Trainings/Other Extension Activities etc.:
- iii. Number of visitors of KVK Website as on 31.03.2026 :
- iv. Exposure visit of farmers within the state (no.) :
- v. Exposure visit of farmers outside the state (no.) :

16. Other items, if any

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

			
Assessment of high yielding finger millet varieties with nutrient management		Assessment of Wet Land Power Weeder for weeding in Rice	
			
Assessment of low-cost poultry feed formulation for growth of poultry in semi-intensive system		Demonstration on herbicides for weed management in transplanted rice	
			
Demonstration on Bypass fat and mineral mixture feeding for sustained milk production with high specific gravity		Demonstration on management of purple blotch in onion	



Skill Development Training Programmes





VIKSIT KRISHI SANKALP ABHIYAN 29.05.2025 TO 12.06.2025



Video Documentation

