

ANNUAL REPORT OF KVK- JAGATSINGHPUR
Proforma for 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. Jibanjit Sen	Senior Scientist & Head	Senior Scientist& Head
2	Dr. Prabhat Kumar Padhi	Scientist (Animal Science)	Scientist
3	Mr. Debasis Panda	Scientist (Plant protection)	Scientist
4	Mr. Dwarika Mohan Das	Scientist (Agril. Engineering)	Scientist
5	Dr. Pradipta Majhi	SMS (Soil Sc. & Agril. Chemistry)	SMS
6	Mrs. Sasmita Purohit	Scientist (Home Science)	Scientist
7	Mrs. Sarita Das	Programme Assistant (Fishery)	Programme Assistant
8	Samir Kumar Pattanaik	Prog. Asst. (Comp Sc)	Computer Programmer
9	Mr. Rabindra Kumar Pradhan	Farm Manager	Farm Manager
10	Mrs. Rajashree Singh	Jr. Steno-cum-Computer Operator	Stenographer
11	Mr. Pradipta Kumar Barik,	Driver-cum-Mechanic	Driver-cum-Mechanic
12	Mr. Jitendra Pradhan	Driver-cum-Mechanic	Driver-cum-Mechanic
13.	Smt. Urbasi Nayak	Peon-cum-Watchman	Supporting staff

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

Sl. No.	Topic	Place	Period
	NIL		

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. Jibanjit Sen	Senior Scientist & Head	ZREAC meeting	ADR,RRTTS,BBSR	29.04.24 to 30.04.24
		SLREC	DEE,OUAT,BBSR	27.05.24 to 29.05.24
		Zonal Workshop	Puri	27.08.24 to 29.08.24
Sasmita Purohit	Scientist (H.Sc)	13 th Annual state Level Conference of Odisha Mushroom Grower's Federation	Bhanja Kala Mandap , BBSR	18.12,2024
		Refresher training for Scientist (HSc.) on "New Cutting Edge Technology in Mushroom Sector	CTMRT,OUAT BBSR	24.02.25 to 25.02.25
		Training on "Appropriate technologies on farm	CAET,OUAT,BBSR	3.3.25 & 4.3.25

		mechanization and post-harvest processing for sustainable development" -attended		
Debasis Panda	Scientist (PP)	Refresher training for Scientist (PP) on "Recent advances in implementable pest management Technologies	OUAT	11.02.25 to 12.02.25,
		Training on "Mass production & use of Bio control agent for plant disease management-		6.3.25 & 7.3.25
Dr. Pradipta Majhi	SMS (Soil Science)	Consolation Workshop on Science of Natural Farming	MANAGE, Hyderabad	14.06.2024
		International conference on "Building Small Holder Climate resilience for achieving sustainable food system"	OUAT, Bhubaneswar	17.09.2024 to 19.09.2024
		Online training programme on "ECHO-Waste Management in Agriculture and Allied Sectors"	EEI, PJTAU, Hyderabad	06.01.2025 to 10.01.2025
		7 th International Conference on "Agriculture for food security and nutrition-Vision 2025"	OUAT, Bhubaneswar	17.01.2025 to 19.01.2025
		International conference on "Rainfed Agriculture : Building Pathways for Resilience & Sustainable Livelihoods"	CRIDA,Hyderabad	29.01.2025 to 31.01.2025
		National Seminar on "Resource Management for Climate Resilient Sustainable Food Production Systems"	Odisha Chapter Indian Society of Agronomy & OUAT, Bhubaneswar	06.03.2025 to 07.03.2025
Dr. Dwarika Mohan Das	Scientist (Agricultural Engineering)	International Conference at CRIDA	CRIDA,Hyderabad	29.01.2025 to 31.01.2025
		Zonal Workshop Of NICRA	North 24 Parganas KVK, Ashokenagar, West Bengal.	19.06.2014 to 20.06.2025
		7 th International Conference on "Agriculture for food security and nutrition-Vision 2025"	OUAT, Bhubaneswar	17.01.2025 to 19.01.2025
		National Seminar on "Resource Management for Climate Resilient Sustainable Food Production Systems"	Odisha Chapter Indian Society of Agronomy & OUAT, Bhubaneswar	06.03.2025 to 07.03.2025
		Training on "Appropriate technologies on farm mechanization and post-harvest processing for sustainable development" -attended	CAET,OUAT,BBSR	3.3.25 & 4.3.25
Sarita Das	PA (fishery)	Refresher training on livestock husbandry- a profitability revenue for livelihood security	College of Veterinary (OUAT), BBSR	06.11.2024 to 08.11.2024
		Exposure visit to CIFA,BBSR by S. Das		26.03.2025

Rabindra Pradhan	PA(Farm Manager)	Recent advance in Fruit Production	College of Agriculture, Chipilima	17.12.2024 to 19.12.2024
		Training on “Pest management in Natural Farming”		25.03.2025 to 26.03.2025
Rajashri Singh	Steno cum Comp. Operator	Training on PFMS under CFLD Oilseeds & pulses for KVKs of west Bengal & Odisha	ATARI,Kolkata	6.3.25

4. Faculty visited abroad (NIL)

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 Schemes operating at Bhubaneswar
- (ii) Salient achievements of KVK activities
- (iii) Salient achievements of Flagship programmes
- (iv) Details of extension activities

Sl. No.	Name of extension activity	No. of participants	Remarks, if any
1	R-E linkage meeting (Internal RE)	11	
2	Celebration of Parthenium awareness week	190	
3	Celebration of Ek Ped Maa Ke Naam	90	
4	Celebration of Jala Shakti Abhiyan	30	
5	Mahila Kisan Diwas	50	
6	Swachhata Special campaign 4.0	250	
7	Vigilance awareness week	200	
8	Swachhata Hi Sewa	300	
9	Dist. Level Launching workshop for FPOs ,Training & Convergence meeting under COE at OUAT	100	
10	Interaction of KVK experts with Farmers	80	
11	Live Webcast of PM Kisan Samman Nidhi	200	
12	Live Web telecast of Krishi Choupal	120	
13	Exposure Visit	140	
14	Field Days	350	

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
Jagatsinghpur	Rice	Kharif 2024	Assessment of INM in rice crop TO: (50%N + 100%PK) as per STBFR + Green Manure (<i>Sesbania aculeata</i>)	Application of chemical fertilizer N:P ₂ O ₅ :K ₂ O:Zn (75:45:35:0) kg ha ⁻¹	48.90	43.50	12.41
	Fishery	Rabi 2024-25	Assessment of different Anti-ectoparasite formulation for control of Anchor worm & carp lice	Application of synthetic pyrethroits like cypermethrin 10 % EC/deltamethrin 2.8% EC	28	25	12
	Bittergourd	Rabi 2024-25	Assessment of fruit fly management in Bitter-gourd	Application of Chlorpyrifos @1.0L/ha	88.21	58.9	49.76

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
Jagatsinghpur	Kharif 2024	Demonstration on ICM in finger millet 100 %STBF+ Seed treatment with biofertilizers (azospirillum& PSM @ 25g/kg of seeds each, (var. Arjun)	Local Variety (Mandia)	13.8	9.30	48.38
	Kharif 2024	Demonstration on " Stunted Fingerlings Production" of Mixed carp to get more profit in pisciculture	Production of Fry/Fingerlings.	25	20	40%
	Kharif 2024	Demonstration of adoption rate of bio-fortified sweet potato varieties for nutritional security of farm family	local sweet potato	172.7	117.4	41.7%

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-24	FS	279.6	Will be lifted in May 2025

Production of planting material and other materials

Name of planting material/ other material	Quantity (q/number) produced	Remark, if any
Arecanut	700	
Tomato	30040	
Chilli	30100	
Brinjal	20500	
Cabbage	5000	
Cauliflower	5000	
Capsicum	1000	
Cherry tomato	500	
Drumstick	100	
Papaya	100	
Poultry	1450	
Fingerlings	300000	
Colour fish	500	
Mushroom	5000	
Mushroom spawn (Paddy straw & Oyster)	0.8 qtl	
Vermicompost	18.26 qtl	
Vermin	45.5 kg	

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

Name of organization	Nature of linkage

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**

1. S. L. Ray, A. P. Sahu, **D.M. Das**. Impact of Climate Change on Hydrological Fluxes .Lap Lambert Academic Publishing, UK

E. Laboratory Manual**F. Extension Bulletins/ Booklets**

- ✓ Majhi P.; Panda D.; Das D.M. and Sen J. (2024). Prakrutika Krushi, OUAT Publication No. 2024010152, Page1-8.
- ✓ Majhi P.; Panda D.; Das D.M.; Purohit S.; Das S. and Sen J. (2024). Jebanu Sarara Upadayata, OUAT Publication No. 2023120084, Page1-8.
- ✓ Das D.M.; Majhi P.; Panda D.; Purohit S.; Das S. and Sen J. (2024). Machine Chaleta Dhadi Dhana Buna O Ehara Upakareta . OUAT Publication No. 2023120083, Page1-8.

G. Popular Articles

H. Journal

1. R. D. Behera; **P. Majhi**; S. Dash; P.J. Mishra; **J.Sen**; A.Phonglosa; IpsitaDas; .Priyadarshini; N.C.Barik; S.Sahu and S. Biswal. Effect of Nano Urea Liquid Fertilizer Application in Paddy under Different Agroclimatic Zones of Odisha, India. Archives of *Current Research International* Volume 25, Issue 3, Page 180-185, 2025; Article no.ACRI.131713 ISSN: 2454-707

I. Abstract of proceedings of Seminar/Symposia/Workshop

1.D.M.Das; P.J.Mishra; **P.Majhi**; **J.Sen**; **D.Panda**; A.Khuntia; A.Phonglosa; S.L.Ray and B.Majhi. National Seminar on “Resource Management for Climate Resilient Sustainable Food Production Systems” 06-07 March, 2025 Jointly Organized by Odisha Chapter Indian Society of Agronomy & OUAT. Agro-hydrological modeling, remote sensing and GIS integrated approach for optimal crop planning in rice-fallow areas.

2. **D.M.Das**; **P.Majhi**; **J.Sen**; **D.Panda**; P.J.Mishra; A.Khuntia and A.Phonglosa. Impact of Drone-based Nano DAP application for increasing Greengram Yield. 7th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 | OUAT, Bhubaneswar, Odisha, India, Volume 03, Issue 01, 2025 page-103

3. **D. M. Das**, S. K. Raul, B. C.Sahoo, J. Padhiary, S. Bhuyan, D. Nayak and S.Pattanaik. Transforming watersheds from grey to green: A REWARD Initiative. 7th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 | OUAT, Bhubaneswar, Odisha, India, Volume 03, Issue 01, 2025 page-7

4. P. Mohapatra, J. C. Paul, A.P. Sahu, S.K. Raul, and **D. M. Das**. Geospatial modeling and analysis of groundwater recharge potential areas using GIS based AHP, Entropy, Fuzzy-AHP, and TOPSIS techniques in Bargarh Canal Command Area, India. 7th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 | OUAT, Bhubaneswar, Odisha, India Volume 03, Issue 01, 2025 page-134

5. S. L. Ray, A. P. Sahu, J. C.Paul, D. M. Das, S. K. Raul, K. B. Behura, A. K Pradhan, and P. K.Paramguru. Impact of climate change on hydro-climatic fluxes in the Kantamal catchment of the middle Mahanadi basin. 7th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 | OUAT, Bhubaneswar, Odisha, India, Volume 03, Issue 01, 2025 page-115

6. **D.M.Das**; **P.Majhi**; **J.Sen**; **D.Panda**; and **B.M. Rout**. NICRA Initiatives for Sustainable Agriculture in Rainfed Saline-Affected Coastal Rice Belt of Jagatsinghpur District of Odisha. International Conference on Rainfed Agriculture: Building Pathways for Resilience & Sustainable Livelihoods during 29-31, January 2025, 1037 Page at ICAR-CRIDA, Hyderabad

11. Important awards and recognitions

12. Important awards to farmers

Name of the farmer	District	Date	Occasion	Category / Award name	Awarding Agency
Shantilata Dwibedi	Jagatsinghpur	24.08.2024	OUAT Foundation Day	Best FPO award	OUAT
Kailash Jaysingh	Jagatsinghpur	18.12.2024	OUAT Farmers Fair	Best Farmer Awardee	OUAT

13. Distinguished visitors, date and purpose of visit

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Prof. Dr. Pravat Ku Roul, Hon'ble VC, OUAT, BBSR	KVK, Jagatsinghpur	06.04.2024	Special review
Prof. Dr. Pravat Ku Roul, Hon'ble VC, OUAT, BBSR	KVK, Jagatsinghpur	15.12.2024	Special review
Prof. Dr. Prasanjit Mishra, DEE, OUAT, Bhubaneswar	KVK, Jagatsinghpur	18.11.2024	Attended 19 th SAC as Chairman
Prof. Dr. Prasanjit Mishra, DEE, OUAT, Bhubaneswar	KVK, Jagatsinghpur	01.10.2024	Special review
Dr. Prasannajit Mishra, Dean, Extension Education, OUAT, Dr. Pradip Dey, Director, ICAR-ATARI, Kolkata, Dr. Krishnanendu Das, Representative, DDG (NRM), Dr. S.K. Mandal, Principal Scientist, ICAR-ATARI, Kolkata, Dr. Hrushikesh Senapati,	NICRA adopted village (Achhutadaspur)	24.01.2025	Visit of Zonal High-Level Committee, Zone-V to NICRA Adopted Village
Hemanta Ku. Sahoo-Ex JD, DEE, OUAT, BBSR	KVK, Jagatsinghpur	12.03.2025	As Expert
Dr. Subash Mohaptra – Prof. College of Agro Forestry	KVK, Jagatsinghpur	26.03.2025	For Convergence Programme

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)**





Training

(i) Farmers & farm women:

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Jagatsinghpur	Crop Production						
	Plant Protection	13	256	134	86	0	390
	Horticulture						
	Soil Science	13	314	76	102	0	390
	Animal Husbandry						
	Fishery	13	40	350	120	0	390
	Home Science	13	0	390	99	0	390
	Agril. Extension						
	Agril. Eng.	13	270	120	87	0	390
	Total	65	880	1070	494	0	1950

(ii) Rural youths:

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Jagatsinghpur	Soil Science	02	40	0	6	0	40
	Plant Protection	02	25	15	7	0	40
	Agril. Eng.	02	40	0	3	0	40
	Home Science	02	0	40	8	0	40
	Fishery	02	10	30	0	0	40
	Total	10	115	85	24	0	200

(iii) Extension personnel:

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	S.C.	S.T.	Total
Jagatsinghpur	Soil Science	01	18	02	5	0	20
	Plant Protection	01	16	04	2	0	20
	Agril. Eng.	01	08	12	7	0	20
	Home Science	01	0	20	7	0	20
	Total	04	17	63	27	0	80

(iv) Sponsored training: (NIL)

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

(v) Trainings under different Project: (SCSP, NICRA, Natural Farming)

KVK	Project name	No. conducted	Duration (days)	No. of beneficiary					Sponsorin g agency of Project
				Mal e	Femal e	S C	S T	Tota l	
Jagatsing hpur	SCSP	10	10	170	130	30 0	0	300	ICAR- ATARI, Kolkota
	NICRA	11	11	202	128	72	0	330	ICAR- CRIDA, Hyderabad
	Natural Farming	3	7	85	35	19	0	120	ICAR- ATARI, Kolkota
	Total	24	28	457	293	39 1	0	750	-

(vi) Vocational training (5 days & above):(UNDER 100 days Action Plan)

KVK	Discipline	No. conduct ed	Duratio n (days)	No. of beneficiary					Funding agency
				Mal e	Femal e	S C	S T	Tota l	
Jagatsin ghpur	Soil Science	1	5	25	5	12	0	30	ICAR- ATARI, Kolkota
	Plant Protection	1	5	22	8	12	0	30	
	Agril. Eng.	1	5	25	5	8	0	30	
	Home Science	2	10	4	56	23	0	60	
	Fishery	1	5	9	21	9	0	30	
	Total	6	30	85	95	64	0	180	

(vii) DAESI training:

KVK	Year wise enrolled	Duration (days)	No. of field visits	No. of participants registered	No of certificate issued

(viii) Skill development training including ASCI & other programmes:

Sl. No.	Name of KVK	Name of the job role	Date of training	No. of participants				
				Male	Female	SC	ST	Total

1. On-Farm Testing:

KVK	Discipline	No. conducted	Area (ha)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Jagatsinghpur	Soil Science	03	3	0	21	0	4	0	21
	Plant Protection	02	1	0	14	6	0	0	20
	Agril. Eng.	02	2	0	05	09	5	0	14
	Home Science	02	0	200 kg	0	14	12	0	14
	Fishery	01	2	0	6	4	4	0	10
	Total	10	8	200 kg	46	33	25	0	79

2. Frontline demonstration (general):

KVK	Discipline	No. conducted	Area (ha.)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Jagatsinghpur	Soil Science	04	6	0	36	4	11	0	40
	Plant Protection	04	6	0	40	0	13	0	40
	Agril. Eng.	04	4	0	40	0	09	0	40
	Home Science	04	0.03	500	0	40	17	0	40
	Fishery	04	4	0	10	30	16	0	40
	Total	20	20.03	400	130	70	66	0	200

3. (i) Cluster demonstration on oilseed:

[illegible]

(ii) Salient achievements under Cluster demonstration on Oilseed:

KVK	Season	Crop	Intervention (Give in detail)	FLD yield(q/ha)	Local yield(q/ha)	% increase in yield over local

4. Model Oilseed Village

[illegible]

5. Model Pulse Village

[illegible]

1. Other extension activities:

Sl.No.	Extension activities	No. of activities	No. of beneficiaries
1.	Field Day	7	350
2.	Kisan Mela	2	2000
3.	Kisan Ghosthi		
4.	Exhibition	12	10000
5.	Film Show	23	830
6.	Method Demonstrations	20	200
7.	Farmers Seminar		
8.	Workshop		
9.	Group meetings	6	370
10.	Lectures delivered as resource persons	76	10000
11.	Advisory Services	48	20403
12.	Scientific visit to farmers field	54	340
13.	Farmers visit to KVK	600	600
14.	Diagnostic visits	35	1000
15.	Exposure visits	08	160
16.	Animal Health Camp	02	200
17.	Soil Health Campaigns	07	344
18.	Farm Science Club Conveners meet		
19.	Self Help Group Conveners meetings		
20.	Plant health clinic	1017	987
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, Parthenium Awareness Week)	13	1020
22.	Others (Specify if any) (Awareness Programme on Out scaling of Natural Farming ,Ornamental fish farming,Biofloc)	9	480
	Total	1929	49284

2. Publication:

Sl. No.	Item	No.	No. of copies printed
1	Krushishree (Quarterly Newsletter) (2024110360)	3	500 each
2	Chinchana Jalasechana Padhati (2024110365)	1	500
3	Alu Chasara Samanyita Roga Poka Parichalana (2024110364)	1	500
4	Madhurajala Macha Mananka Roga O Tahara NirakaranaPadhati (2024110363)	1	500
5	Prakutika Chasa nimante Jagarana Patrika (2024110362)	1	500
6	Krushikarjya re Drone ra Byabahara (2024110361)	1	500
	Total	8	4000

Publication Report:

Sl.No	Authors Name	Title of the publications (Research paper, Abstract of proceedings of Seminar/Symposia/Workshop etc./Books/Book Chapter/Manuals etc)	Name of the Journal, Volume No., Issue No, Page No.& Year/OUAT Publication No	NAAS rating as per 2025, if any
Journal				

01	R. D. Behera; P. Majhi ; S. Dash; P.J. Mishra; J.Sen ; A.Phonglosa; IpsitaDas; S.Priyadarshini;N.C.Barik; S.Sahu and S. Biswal	Effect of Nano Urea Liquid Fertilizer Application in Paddy under Different Agroclimatic Zones of Odisha, India	Archives of <i>Current Research International</i> Volume 25, Issue 3, Page 180-185, 2025; Article no.ACRI.131713 ISSN: 2454-707	5.13
Abstract of proceedings of Seminar/Symposia/Workshop				
02	D.M.Das ; P.J.Mishra; P.Majhi ; J.Sen ; D.Panda ; A.Khuntia; A.Phonglosa; S.L.Ray and B.Majhi	National Seminar on “Resource Management for Climate Resilient Sustainable Food Production Systems” 06-07 March, 2025 Jointly Organized by Odisha Chapter Indian Society of Agronomy & OUAT.	Agro-hydrological modeling, remote sensing and GIS integrated approach for optimal crop planning in rice-fallow areas.	
03	D.M.Das ; P.Majhi ; J.Sen ; D.Panda ; P.J.Mishra; A.Khuntia and A.Phonglosa	Impact of Drone-based Nano DAP application for increasing Greengram Yield	7 th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 OUAT, Bhubaneswar, Odisha, India Volume 03, Issue 01, 2025 page-103	ISBN: 978-81-960392-1-9
04	D. M. Das , S. K. Raul, B. C.Sahoo, J. Padhiary, S. Bhuyan, D. Nayak and S.Pattanaik	Transforming watersheds from grey to green: A REWARD Initiative	7 th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 OUAT, Bhubaneswar, Odisha, India Volume 03, Issue 01, 2025 page-72	ISBN: 978-81-960392-1-9
05	P. Mohapatra, J. C. Paul, A.P. Sahu, S.K. Raul, and D. M. Das	Geospatial modeling and analysis of groundwater recharge potential areas using GIS based AHP, Entropy, Fuzzy-AHP, and TOPSIS techniques in Bargarh Canal Command Area, India	7 th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 OUAT, Bhubaneswar, Odisha, India Volume 03, Issue 01, 2025 page-134	ISBN: 978-81-960392-1-9
06	S. L. Ray, A. P. Sahu, J. C.Paul, D. M. Das, S. K. Raul, K. B. Behura, A. K Pradhan, and P. K.Paramguru	Impact of climate change on hydro-climatic fluxes in the Kantamal catchment of the middle Mahanadi basin	7 th International Conference on Agriculture for Food Security & Nutrition January 17-19, 2025 OUAT, Bhubaneswar, Odisha, India	ISBN: 978-81-960392-1-9

			Volume 03, Issue 01, 2025 page-115	
07	D.M.Das; P.Majhi; J.Sen; D.Panda; and B.M. Rout	NICRA Initiatives for Sustainable Agriculture in Rainfed Saline-Affected Coastal Rice Belt of Jagatsinghpur District of Odisha	International Conference on Rainfed Agriculture: Building Pathways for Resilience & Sustainable Livelihoods during 29-31, January 2025, 1037 Page at ICAR-CRIDA, Hyderabad	ISBN: 978-81-973194-3-3
Book				
08	S. L. Ray, A. P. Sahu, D.M. Das	Impact of Climate Change on Hydrological Fluxes	Lap Lambert Academic Publishing, UK	ISBN 978-620-8-42955-3

3. Soil and water sample analysis:

KVK	Soil					Water					Grand total (soil + water)	No. of soil health card issued
	Target	Tested in KVK lab.	Tested by Mridaparikshak	Tested outside	Total	Target	Tested in KVK lab.	Tested by Mridaparikshak	Tested outside	Total		
Jagatsinghpur	800	938	0	0	938	100	112	0	0	112	1050	3324

4. Scientific Advisory Committee Meeting:

KVK	Date	No. of participants
Jagatsinghpur	18.11.2024	30

5. Farmers' fair:

KVK	Date	Venue: Village & Block	Participants				
			Male	Female	SC	ST	Total
Jagatsinghpur	18.3.25	Kankardia, Erasama	80	120	200	0	200

6. Kissan mobile advisory service (KMAS):

KVK	No. of message sent	No. of farmers benefited	No. of extension functionary benefitted
Jagatsinghpur	48	20403	200

7. NICRA Activities

KVK	NICRA Village	Block	Type of Climate vulnerability
Jagatsinghpur	Achhutadaspur	Erasama	Water Logging, Intense Rainfall, Flood

(Give module-wise results)

ii. Dignitaries visited NICRA Village 2024-25

KVK name	Name of the VIPs/Expert	Date of Visit
Jagatsinghpur	Dr. Prasannajit Mishra, Dean, Extension Education, OUAT, Dr.	24.01.2025

	Pradip Dey, Director, ICAR-ATARI, Kolkata, Dr. Krishnanendu Das, Representative, DDG (NRM), Dr. S.K. Mandal, Principal Scientist, ICAR-ATARI, Kolkata, Dr. Hrushikesh Senapati, Chairman (NICRA Zonal committee)	
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8. ARYA Activities

KVK	Name of the component	Brief activity

(Give activity-wise results)

10. MIDH (Hort.) Activities

KVK	Name of unit	Brief activity

11. Plant Health Clinic

KVK	Number of samples received	Type of sample	Number of samples analyzed	Recommendation
Jagatsinghpur	1017	Plants & fruits	1017	-

12. Drone Technology Demonstration

KVK	Crop	Area Covered	Inputs applied	Result
Jagatsinghpur	Greengram, Paddy	360 acre	Imidachloprid Nano DAP Nano Urea Indoxacarb Fifronil	20% increase in yield, 52% Labour saving, 78% Cost saving

13. FPO

KVK	Activities organized	Details of FPO attended	Nature of support by KVK
Jagatsinghpur	Launching Workshop, Exposure visit, Dist. Level training, convergence meeting	Swayan Swadhin FPCL, Amruta Diary & Agrovat FPCL, Tirtol 4s4r FPCL, Kujanga 4s4r FPCL, Jagyasini mahila FPCL, Sarala Diary & Agrovat FPCL, Tirtol Mahaveer FPCL, Ghodeswar FPCL, Asthasambhu FPCL, Biridi MFPCL, Jatadhar Mahaveer FPCL, Jibandhara Diary & Agrovat FPCL, Banikhetra MFPCL, Benaghara Balikuda WFPCL	Capacity building training, Scientist-Farmers Interaction, Distributed inputs under FLD & OFT. Update Knowledge, Skill of participants and providing Leaflets, books etc. to the participants.

1. Seed & Quality Planting Material production:**(i) Achievement Kharif 2024-25: Paddy seed**

KVK	Variety	Class	Area (ha)	Production (q)	Yield (q/ha)
Jagatsinghpur	Kalachampa	FS	7	279.6	39.94

(ii) Achievement Rabi 2024 -25: Paddy seed- NIL

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.)
Jagatsinghpur	Greengram	MH 1142	FS	2	Harvesting is going on	

b. Oilseed crops: NIL

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
Jagatsinghpur.	Areca nut	Mohitnagar	700
	Tomato	Arka Rakhyak	30040
	Chilli	Arka Khyati	30100
	Brinjal	Arka Ananda	20500
	Drumstick	ODC - 3	100
	Papaya	Red lady	100

(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.)
Jagatsinghpur	Coconut	35	30	359	4308

(vi) Other materials produced:

KVK	Name of the item	No./ Kg .produced
Jagatsinghpur	Poultry chicks & duckling	5810 nos.
	Fingerlings	2,70,000 nos.
	Colour fish	500 nos.
	Mushroom	0.8 qtl
	Mushroom Spawn (Paddy straw & Oyster)	5000 nos.
	Vermi compost	18.26 qtl
	Vermi	45.5 kg
	Honey	25 kg.
	Vegetable	2 qtl

(vii) Economics of revolving fund activities:

KVK	Expenditure (Rs.)	Gross return (Rs.)	Net profit (Rs.)
Jagatsinghpur	1782229	3692227	1909998

2. 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)

3. Achievement on IRRI-DSR/ CSISA activities

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

4. Externally funded projects operating and sanctioned:

Name of the KVK	Project title	Funding agency	Total outlay (Rs in lakh)	Period (from to)

5. Distinguished visitors, date and purpose of visit:

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Prof. Dr. Pravat Ku Roul,Hon'ble VC,OUAT,BBSR	KVK, Jagatsinghpur	06.04.2024	Special review
Prof. Dr. Pravat Ku Roul,Hon'ble VC,OUAT,BBSR	KVK, Jagatsinghpur	15.12.2024	Special review
Prof.Dr. Prasanjit Mishra, DEE,OUAT, Bhubaneswar	KVK, Jagatsinghpur	18.11.2024	Attended 19 th SAC as Chairman
Prof.Dr. Prasanjit Mishra, DEE,OUAT, Bhubaneswar	KVK, Jagatsinghpur	01.10.2024	Special review
Dr. Prasannajit Mishra, Dean, Extension Education, OUAT, Dr. Pradip Dey, Director, ICAR-ATARI, Kolkata, Dr. Krishnanendu Das, Representative, DDG (NRM),Dr. S.K. Mandal, Principal Scientist, ICAR-ATARI, Kolkata, Dr. Hrushikesh Senapati,	NICRA adopted village (Achhutadaspur)	24.01.2025	Visit of Zonal High-Level Committee, Zone-V to NICRA Adopted Village
Hemanta Ku. Sahoo-Ex JD ,DEE,OUAT,BBSR	KVK, Jagatsinghpur	12.03.2025	As Expert
Dr. Subash Mohaptra – Prof. College of Agro Forestry	KVK, Jagatsinghpur	26.03.2025	For Convergence Programme

6. Infrastructure developed including maintenance and renovation :

Name of the KVK	Name of the infrastructure	Purpose	Funding agency	Status as on 31.03.2025
Jagatsinghpur	Construction of Laboratory	Construction of Laboratory Building along with furnishing	Govt. of Odisha	To be released (1.5 crore)

Sd/-
Senior Scientist & Head