ANNUAL REPORT 2024 (January-December 2024)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Kandhamal At-Srirampada Po-G. Udayagiri Dist-Kandhamal Pin-762100 (Odisha)	06847-260707		kvkkandhamal.ouat@gmail.com kvk.kandhamal@ouat.ac.in

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology, Bhubaneswar	0674-2397362		deanextensionouat@yahoo.com

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Narayan Bar	-	8917575257	barnarayan@gmail.com

1.4. Year of sanction of KVK: 1993

1.5. Staff Position (**as on 1st January, 2024**)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr. Narayan Bar	Sr. Scientist & Head	Agril. Extension	95,300/-	08.04.2010	Permanent	
2	Subject Matter Specialist	Sri Sujit Kumar Mukhi	Scientist	Soil Science	87,200/-	23.10.2009	Permanent	
3	Subject Matter Specialist	Prasanta Kumar Nanda	Scientist	Plant Protection	84,700/-	04.05.2024	Permanent	
4	Subject Matter Specialist	Sanat Kumar Meher	Scientist	Horticulture	79,800/-	07.07.2023	Permanent	
5	Subject Matter Specialist	Ms Sripali Pradhan	SMS	Agronomy	67,000/-	13.06.2018	Permanent	
6	Subject Matter Specialist	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-
8	Programme Assistant	Ms Sumitra Hembram	P.A. (Tech.)	Home Science	42,300/-	09.08.2018	Permanent	
9	Computer Programmer	Sri Dibyasingh Pradhan	PA (Computer)	Computer Science	50,500/-	01.08.2022	Permanent	
10	Farm Manager	-	-	-	-	-	-	-
11	Accountant / Superintendent	-	-	-	-	-	-	-
12	Stenographer	Sri Pabitra Mohan Pradhan	Jr. Steno-cum-Computer Operator	-	33,300/-	29.07.2015	Permanent	
13.	Driver	Sri Maheswar Pradhan	Driver-cum-Mechanic	-	28,400/-	13.02.2014	Permanent	
14.	Driver	Sri Gopal Pradhan	Driver-cum-Mechanic	-	28,400/-	20.07.2015	Permanent	
15.	Supporting staff	Sri Aparti Chhatoi	Peon-cum-Watchman	-	25,800/-	28.07.2008	Permanent	
16.	Supporting staff	-	-	-	-	-	-	-

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	0.28
2.	Under Demonstration Units	0.04
3.	Under Crops	6.76
4.	Orchard/Agro-forestry	2.86
5.	Others with details	
	RWHS/Agriculture	0.94
	Waste Land, Road	6.24
	Total	**17.12**

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					√		Use	
2.	Farmers Hostel					√		Use	RKVY
3.	Staff Quarters (6)								
4.	Piggery unit								
5	Fencing					√		Use	RKVY
6	Rain Water harvesting structure								
7	Threshing floor					√		Use	ICAR
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit					√		Use	RKVY
11.	Goatary unit								
12.	Mushroom Lab					√		Use	RKVY
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab					√		Use	ICAR
16	Others, Please Specify								

* If not in use, then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero (Mahindra)	2022-23	8,15,235/-	19558	Running
Tractor (Mahindra 475 DI – Bhumiputra)	2004-05	3,74,223/-	-	Running
Bike (Hero Honda Passion Pro)	2009-10	49,965/-	44,319	Running

C) **Equipment & AV aids**

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil Testing Laboratory	2004-05	8,56,808.00	Working condition	ICAR
Mushroom Spawn Production Unit	2010-11	2,50,000.00	Working condition	RKVY
b. Farm machinery				
Agrimate power mist blower	2016-17	8,400	Working condition	ICAR
Hydraulic Trolley	2016-17	1,30,000	Working condition	ICAR
Land Leveler	2016-17	15,480	Working condition	ICAR
Hedge cutter	2016-17	15,835	Working condition	ICAR
Power Tiller	2016-17	1,93,000	Working condition	ICAR
Power weeder	2020-21	50,000	Working condition	Biotech KISAN
Poultry Hatcher	2020-21	78,800	Working condition	Biotech KISAN
c. AV Aids				
Ahuja Conference Audio System	2017-18	92,135	Functioning	ICAR
Panasonic LED TV (42’)	2018-19	42,000	Functioning	ICAR

D**) Farm implements**

MB plough	2016-17	25,000	Working condition	ICAR
Soil Auger	2016-17	48,300	Working condition	ICAR
Seed cum fertilizer drill	2016-17	55,000	Working condition	ICAR
Battery operated sprayer(2nos.)	2015-16	10,650	Working condition	ICAR
Cultivator	2006-07	5,630	Working condition	ICAR
Rotavator	2006-07	32,000	Working condition	ICAR

1.8. **Details of SAC meeting conducted in the year**

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	26.11.2024	31	Given below at Agenda-2	Given below at Agenda-2	31

PROCEEDING OF THE 29th SCIENTIFIC ADVISORY COMMITTEE MEETING OF KVK KANDHAMAL, G. UDAYAGIRI HELD ON 26.11.2024

The 29th Scientific Advisory Committee meeting of KVK, Kandhamal was held on 26.11.2024 at 11.00 am in the training hall of KVK, Kandhamal in hybrid mode. The meeting was held under the Chairmanship of Prof. P. J. Mishra, Dean, Extension Education, OUAT, Bhubaneswar. Dr. B.K. Pradhan, Deputy Director Extension Education, OUAT, Bhubaneswar and Dr. P. P. Pal, Principal Scientist, ICAR-ATARI, Zone-V, Kolkata and Dr. G.C. Acharya, Head, ICAR-CHES, Bhubaneswar had also attended the meeting. The other members of the SAC meeting present are annexed at annexure-I

At the outset, Dr. Narayan Bar, Senior Scientist and Head, KVK, Kandhamal welcomed all the members in the house and requested the Chairman to conduct the SAC meeting. After briefing about the objective of the SAC meeting, the Chairman asked the Senior Scientist and Head, KVK, Kandhamal to present the achievements of Rabi 2023-24, Kharif & Rabi 2024-25 and Action Plan 2025-26.

AGENDA -1 APPROVAL OF THE PROCEEDING OF LAST SAC MEETING

The Senior Scientist and Head appraised that the proceeding of the last SAC meeting was circulated to all the members. He also presented the proceeding of previous SAC meeting in brief. The Chairman approved the proceeding after taking consent of all the members.

AGENDA -2 ACTION TAKEN ON THE PROCEEDING OF LAST SAC MEETING HELD ON 08.01.2024

Sl. No.	Recommendations	Activities taken
1	To promote high value vegetables in the district	The demonstrations of high value vegetables like hybrid cabbage, cauliflower and garden pea have been carried out in an area of 20 ha covering 145 farmers during 2023-24 and 2024-25. The demonstrations were conducted in 29 villages of K. Nuagaon, G. Udayagiri and Tikabali blocks. The technologies spread to 455 ha in these blocks.

2	Inclusion of more observation parameters of the crop/enterprise under FLD and OFT activities	As per the recommendation, more nos. of observation parameters viz. growth and yield attributes of different crops, weed incidence, disease and pest incidence and soil parameters etc. were recorded under different FLD and OFT programmes of KVK
3	To record observation on economic parameters in an IFS system to identify the best component	As per the observations recorded from IFS system at farmer's field, the fishery component provided highest net return of Rs.1.76 lakhs from 0.4 ha pond area followed by vegetable cultivation of Rs.0.62 lakhs. 32 nos. of IFS systems established in 21 villages of 6 blocks during 2024-25.
4	To promote the pig farming in the district	❖ Five nos. of awareness programmes have been conducted in 5 villages comprising 125 nos. of participants in convergence with Dept. of Animal Husbandry. ❖ KVK linked the farmers with line Department for which a piggery unit comprising of 50 nos of pigs has been established at village Khariapada of G. Udayagiri block with the financial support of Dept. of Animal Husbandry.
5	To promote chilli cultivation in the district	❖ The demonstration programmes on chilli cultivation have been carried out under Resilience project in Penala, Kilapanga and Sudhipada villages in an area of 05 ha. The impact of demonstration led to the expansion of the area to 45 ha in the nearby villages of G. Udayagiri and Tikabali blocks. ❖ 03 nos. of training programmes were undertaken in the above villages benefitting 150 nos of farmers and farm women. ❖ KVK distributed 10000 nos. of hybrid (Daya and Jwalamukhi) seedlings under TSP programme during 2024-25
6	Popularization of food processing and value addition of different agri products in the district	❖ Demonstration and training programmes on value addition of ragi and jack fruit have been conducted in Tiangia, Sudhipada, Kalinaju and Penala villages covering 120 nos of farm women. ❖ Thirteen nos. of WSHGs are involved to prepare the value-added product of ragi as Ragi Muruku after being trained from KVK ❖ Value added products of jack fruit like Jackfruit seed atta, dried slices and Jack fruit chips were being prepared by Good Samaritan NGO, G. Udayagiri with the technical support from KVK. ❖ Five nos. of FPOs are now involved in preparation of the above value-added products of Jack fruits.
7	More awareness programme and demonstration to be undertaken for popularization of paddy straw mushroom	❖ Two numbers of FLDs and 03 nos. of training programmes were conducted in Batingia, Tiangia, Sirki and Gotamaha villages benefiting 150 farm women during 2024-25. ❖ Twelve nos. of WSHGs of G. Udayagiri and Tikabali blocks produced 900 kg paddy straw mushroom from 12 units (1200 beds) after being trained from KVK.
8	To include more number of farmers and extension functionaries under KMA programme	3015 more nos. of farmers and extension functionaries have been included this year which led to total of 31315 nos. of beneficiaries under the KMA programme

9	KVK web portal should be regularly updated with more recent documents for wide publicity.	The KVK website updated at regular intervals i.e. 04.04.2024, 18.05.2024, 25.07.2024, 09.09.2024, 05.11.2024 during 2024-25 with up-to-date KVK activities including FLD, OFT, training, extension activities, dignitary visit, success stories, PoP of different crops.
10	To conduct OFT on disease resistant chilli varieties suitable for Kandhamal district	❖ Three nos. of awareness programmes on cultivation of disease resistant chilli varieties (Pusa Sadabahara, Arka Nihira, Arka Gagana etc.,) have been conducted comprising of 75 farmers and farm women ❖ The OFT programme has not been conducted due to absence of Scientist (Horticulture), who is on study leave. It will be conducted after his joining in KVK.
11	To organize training and awareness programme on natural farming for popularizing among the farmers.	❖ Nine nos. of awareness programme on Natural farming were carried in KVK campus during 2023-24 and 2024-25 including 450 nos. of farmers. ❖ Two training programmes, one for extension functionaries and other for rural youths organized at KVK during 2024-25 comprising of 45 nos. of beneficiaries. ❖ One skill oriented 05 days training programme was conducted at KVK during 2024-25 covering 40 nos. of trainees. ❖ KVK prepared 1000 copies of booklet on Natural Farming which were distributed among the farmers and extension functionaries for popularization of natural farming. ❖ One Natural Farming demonstration unit has been established in KVK campus
12	Establishing different demo units at least in one adopted village for better adoption of technologies in the locality.	❖ Demo units viz. vermicompost production unit, light traps unit, poly-mulching unit, poly-tunnel, shade net, drip irrigation system, trellis system and azolla production units have been established in the adopted villages of Penala, Sudhipada, Mazagdada under different project activities of KVK.
13	To organize training programmes by involvement of Pani panchayat members of the district.	❖ The list of Pani Panchayat members to be trained not provided by the concerned department and after getting the list and topic the training programmes will be carried out with immediate effect.
14	To introduce Ganjam goat breed in the district.	❖ A goatery unit has been developed by a progressive farmer Mr. Kuna Pattanaik of Kiramaha village of G. Udayagiri block and he has added two nos. of Ganjam bucks in his unit. KVK linked the farmer with Dept. of Animal Husbandry for establishment of the goatery unit. ❖ More nos. of activities on promotion of Ganjam goat breeds will be carried out after joining of Scientist (Animal Science) at KVK.

15	To give emphasis on fodder production in the district by the KVK.	• Twelve nos. of awareness programmes on fodder production have been conducted among 300 farmers in 12 villages during 2024-25. • Two nos. of training programmes on fodder cultivation have been organized at Tiangia and Sudhipada villages covering 50 nos. of farmers and farm women.
16	To carry out trial on different onion varieties to assess the performance as per the recommendation of AICRP on Onion and Garlic.	❖ Farmers were supplied with 50,000 nos. of seedlings of improved onion varieties like Agrifound Dark Red and Nasik Red N53 for popularization in the district. ❖ This year improved onion varieties have been cultivated in 450 ha land in G. Udayagiri, Tikabali, Daringbadi and Raikia blocks. ❖ Performance of suitable onion and garlic varieties will be conducted after joining of Scientist (Hort.) at KVK.
17	More number of participants to be included in the extension training programme.	❖ Twelve nos. of training programmes for extension functionaries have been designed in the action plan of KVK in 2024-25. ❖ The number of trainees per extension training programme increased from 15 to 30 during 2024-25.
18	Different improved varieties of tuber crops to be introduced in the district	❖ Two nos. of awareness programmes have been conducted comprising of 50 nos of participants. ❖ The trials on different improved of yam and sweet potato varieties will be conducted during 2025-26 after joining of Scientist (Horticulture) at KVK.

AGENDA 3 – ACHIEVEMENTS MADE BY THE KVK

The Senior Scientist and Head presented the overall achievements made by KVK, Kandhamal during Rabi 2023-24 and 2024-25.

1. **Training** –KVK has conducted 104 training programmes for farmers and farm women, for rural youths & extension functionaries involving 2545 participants during Rabi 2023-24 and 2024-25.
2. **Front Line Demonstration** – KVK conducted 31 numbers of Front-Line Demonstrations during Rabi 2023-24 and 2024-25 including TSP on the thematic areas of IPM, INM, IWM, Organic farming, Honey Bee keeping, Varietal evaluation, Optimum land utilization methods, Drudgery reduction, Nutritional security and Small-scale income generation activities in 37 ha area involving 550 participating farmers/farm women.
3. **On Farm Trial**: A total of 11 nos. of On Farm Trials (OFTs) were conducted during Rabi 2023-24 and 2024-25 on the thematic areas of IPM, INM, Varietal evaluation, IWM, and Small-scale income generation activities involving 237 numbers of practicing farmers.

4. **Extension Activities**: KVK also conducted various extension activities viz. 18 numbers of field days, 02 nos. of Kisan Mela, 04 nos. of Exhibitions, 42 nos. of CD Film show, 05 nos of Ex-trainees meet and several other activities like Diagnostic Field Visits & KMAS, publication of literature & news-letters, 04 numbers of Soil health campaigns, Celebration of special days like Agril. Education Day, Jai Kisan Jai Vigyan, Mahila Kisan Divas, Women in Agriculture Day, World Food Day, Vigilance

Awareness Week, Poshan Abhiyan & Plantation Programme, Jal Shakti Abhiyan, World Soil Day, Parthenium Week, Swachhata Hi Sewa and 04 numbers of farmers-scientist interactions etc. during Rabi 2023-24 and 2024-25.

AGENDA 4 – PRESENTATION OF ACTION PLAN FOR 2025-26

The Senior Scientist and Head presented the detailed Action Plan of KVK, Kandhamal for 2025-26 based on the survey analysis, secondary information available**,** recommendation from the R-E linkage meetings and suggestions from the previous SAC meeting**.**

1. **Training** – KVK has proposed to conduct 60 numbers of training programmes for 1500 practising farmers and farm women, 20 trainings for Rural youths involving 300 participants, 10 number of trainings for 300 numbers of extension functionaries and 07 numbers of vocational trainings for 35 numbers of participants during 2025-26.
2. **Front Line Demonstration** – KVK has planned for conducting 23 numbers of Front-Line Demonstrations during 2025-26 on the thematic areas of IPM, INM, ICM, IWM, IPDM, Varietal substitution, Honey Bee keeping, Drudgery reduction, small scale income generating activities and value addition.
3. **On Farm Trial**: A total of 09 nos. of On Farm Trials (OFTs) are proposed to be conducted during 2025-26 on weed management in maize, Varietal substitution, IPM, INM in potato, INM in tomato & humidity management in paddy straw mushroom production involving 225 numbers of practising farmer/farm women.
4. **Extension Activities**: KVK has also proposed various extension activities such as 14 numbers of field days, 03 Kissan Melas, 04 Exhibitions, 41 CD Film shows, 03 Ex-trainees meet and several other activities like Diagnostic Field Visits & KMAS, publication of literature & newsletter, soil health campaigning, special days celebration, farmers-scientist interactions etc. during 2025-26.

AGENDA -5: CONSTRAINTS OF KVK

The Senior Scientist and Head presented the constraints of the KVK and drawn kind attention of the Chairman & member of the house. He emphasized the following constraints to be resolved for smooth functioning of the KVK.

1. Construction of new training hall
2. Construction of new administrative building
3. Insufficient staff quarters
4. Lack of Irrigation channels in the farm area
5. Requirement of an LI point at the extreme east side boundary of the KVK farm

AGENDA - 6: SUGGESTIONS OF THE MEMBERS

The Chairman requested the members to comment upon the achievements and action plan & invited suggestions. The suggestions were made by the members as listed below.

1. Dr. B.K. Pradhan, Dy. Director Extension, OUAT, Bhubaneswar advised to go for value addition of oyster mushroom and jackfruit for generating more income on production of surplus quantity in the response to the question raised by the farm woman Mrs. Biruma Digal, Baliguda. He also suggested to link the farmers with Dept. of Horticulture for procurement of raw jackfruit for value addition in the district. He told that KVK should emphasize on value addition of jackfruit and mushroom using solar dryer.

2. Project Director, Watersheds, Kandhamal informed the house regarding the benefits of Coffee Mission Programme and suggested KVK for inclusion of more beneficiaries under the programme and sought the help of KVK on PoP, disease and pest management in crops.
3. Sericulture Extension Officer, Kandhamal suggested to make more awareness among the farmers on sericulture activities in the district.
4. Dy. Director Horticulture, Kandhamal emphasized that KVK to provide training and training materials (leaflet/booklet) on honey bee production for more awareness among the extension functionaries and farmers.

5. Assistant Horticulture Officer, G. Udayagiri requested to prepare a leaflet/booklet/literature/calendar on insect/pest/disease management on major vegetable crops grown in the district. In this context Dr. B.K. Pradhan, DDE, DEE, OUAT, Bhubaneswar told to DDH to provide the list of crop wise major diseases and pest attack in vegetables block wise.
6. Chief Scientist, DLAP, Phulbani, OUAT, suggested KVK to work for utilization of interspaces in the fruit orchard with suitable intercrops. He also suggested KVK to conduct trial on various fodder crops. He gave more emphasis on developing more number of pond based IFS system in the district. In the present context, he stressed upon conducting the trials on natural farming for popularizing it among the farmers.
7. Associate Director of Research, RRTTS, G. Udayagiri emphasized on promotion of flower cultivation viz. Chrysanthemum and Gladilous in the district. He also emphasized on cultivation of Black pepper and Coffee plantation in the existing fruit orchards.
8. Senior Scientist & Head, KVK, Ganjam-I suggested to have exposure visit of farmers of other districts to the different demo units developed by KVK, Kandhamal. He also advised KVK should develop a low-cost bamboo-based technology of seedling raising unit on black pepper.
9. Senior Scientist & Head, KVK, Boudh suggested KVK to look after disease and pest management practices on sericulture in the district.
10. Head, ICAR-CHES, Bhubaneswar suggested to undertake trial on different onion varieties during kharif / late kharif for its standardization in the district. He also suggested to take up organic trials on ginger/turmeric/strawberry cultivation. He further recommended KVK for demonstration on canopy management (Prunning and training) and intercropping in the existing mango and cashew orchard for better yield and income.
11. Dr. P. P. Pal, Principal Scientist, ICAR-ATARI, Zone-V, Kolkata advised KVK to conduct demonstration programme on natural farming technology in the farmers field involving 5 number of farmers.

Chairman's remarks

1. The Chairman appreciated KVK for its various functional demo units maintained in the campus.
2. He instructed KVK to give more emphasis on value addition of minor forest produce.
3. He advised KVK to maintain a demo unit on natural farming in KVK instructional farm as well as in the farmers field for wide spread of the natural farming.
4. He stressed upon the demonstration on nutrient, weed and pest management in vegetable crops/strawberry cultivation in the district.
5. He emphasized on strengthening of honey bee keeping in the district.
6. The full package and practices of sweetcorn cultivation should be provided to the farmers instead of distributing only HYV/hybrid seeds for more income of the farmers under TSP programme.

Sd/-
Senior Scientist & Head
KVK, Kandhamal

ANNEXURE-I

Sl. No	NAME	DESIGNATION	REMARK
1	Prof. P. J. Mishra	Dean, Directorate of Extension Education, OUAT, BBSR	Chairman
2	Dr. P.P. Pal	Principal Scientist, ICAR-ATARI, Kolkata	Member
3	Dr. G.C. Acharya	Head, ICAR-CHES, Bhubaneswar	Member
4	Dr. B. K. Pradhan	Dy. Director of Extension, DEE, OUAT, BBSR	Member
5	Dr. Gyanalok Dash	ADR, RRTTS, G. Udayagiri	Member
6	Dr. Narayan Bar	Senior Scientist & Head, KVK, Kandhamal	Member Secretary

7	Dr. S. K. Satpathy	Senior Scientist & Head, KVK, Ganjam-I	Member
8	Mr. Tapan Ku. Das	Senior Scientist & Head, KVK, Boudh	Member
9	Dr. D. K. Debata	Senior Scientist, RRTTS, G. Udayagiri	Member
10	Dr. S. K. Behera	Chief Scientist, DLAP, OUAT, Phulbani	Member
11	Mr. S. K. Sahoo	AHO, G. Udayagiri	Member
12	Mr. K. Suresh Kumar Patro	Asst. Fishery Officer, G. Udayagiri	Member
13	Mr. Prasanna Ku. Patra	PD, Watersheds, Kandhamal, Phulbani	Member
14	Mr. Padmanabha Sethi	Sericulture Extension Officer, G. Udayagiri	Member
15	Mr. Kiran Ku. Mohapatra	Scientist (Soil Science), AICRP-DLAP, OUAT, Phulbani	Member
16	Dr. S. Ranabijuli	Scientist (Animal Sc.), KVK, Ganjam-I	Member
17	Ms. P. Mallick	AAO, G. Udayagiri	Member
18	Ms. L.R. Dalabehera	AHO, Raikia	Member
19	Dr. Sujit Kumar Mukhi	Scientist (Soil Sc.), KVK, Kandhamal	Member
20	Mr. Prasanta Ku. Nanda	Scientist (PP), KVK, Kandhamal	Member
21	Mrs. S. Pradhan	SMS (Agronomy)	Member
22	Mrs. Sumitra Hembram	PA (Home Science), KVK, Kandhamal	Member
23	Mr. Soumaya Ranjan Pradhan	Farmer representative, Batingia, G. Udayagiri	Member
24	Ms. Rasmita Pradhan	Farm women representative, G. Udayagiri	Member
25	Mr. Sidhartha Mallick	Farmer representative, Mallikapadi, G. Udayagiri	Member
26	Ms. Biruma Digal	Farm women representative, Baliguda	Member
27	Mr. Rajesh Ku. Biswal	AHO, Tikabali	Member
28	Mr. Sanjit Ku. Pattnaik	Secretary, KASAM, Phulbani	Invitee
29	Mr. Ramachandra Choudhury	Reporter, The Samaj	Invitee
30	Mr. Anil Ku. Dalabehera	Reporter, The Prameya	Invitee
31	Mr. Padma Behera	MD, Shakitrupa, FPO, G. Udayagiri	Invitee

2.a. District level data on agriculture, livestock and farming situation (2024)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-pulses, Vegetable-vegetable, Turmeric -fallow
2	Agro-climatic Zone	North-Eastern Ghat Zone
3	Agro ecological situation	• Brown Forest Soil, High rainfall (1300 to 1500 mm), High Elevation (500 to 1000 m), rained • Red & Yellow Soil, Moderate rainfall (1100 to 1300 mm), Moderate Irrigation
4	Soil type	Red lateritic & yellowish-brown forest soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	**Crop** — **Productivity (kg/ha)** Rice — 2447 Maize — 1706

		Blackgram	242
		Arhar	961
		Field Pea	633
		Groundnut	1507
		Niger	312
		Mustard	305
		Turmeric	9710
		Ginger	10526
		Kulthi	358
		Cabbage	18000
		Tomato	20800
		Potato	18500
		Ragi	930
6	Mean yearly temperature, rainfall, humidity of the district	Mean yearly temperature – Min- 8° C and Max.- 38° C Rainfall – 1427.9 mm Humidity – 38 to 94 %	
7	Production of major livestock products like milk, egg, meat etc.	Milk – 17.32 TMT; Eggs – 21.52 million Broiler – 0.452 TMT; Meat – 0.399 TMT	

Note: Please give recent data only

2.b. Details of operational area / villages (2024)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	G. Udayagiri	G. Udayagiri	Katadaganda Kilakia Gotamaha Dakedi Bearpanga	Turmeric, Paddy, Maize, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Organic Farming Weed Management Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises
2	Tikabali	Tikabali	Penala,	Turmeric, Paddy,	Turmeric – Low yield due to application of lower dose of organic inputs	Organic Farming

			Burbinaju, Paburia	Maize, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	and improper crop management practices Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Weed Management Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises
3	Raikia	Raikia	Raikia, Sugadabadi, Kambarikia	Paddy, Maize, Niger, Off-season Vegetables like Cauliflower & Tomato, Raikia Bean, Cabbage, Goatary, Poultry, Mushroom	Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Weed Management Crop substitution Fruit & Vegetable Cultivation Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises Low-Cost Production Techniques
4	K. Nuagaon	K. Nuagaon	Bandaguda, Gunjigaon, Gindapanga	Paddy, Maize, Niger, Off-season Vegetables like Cauliflower & Tomato, Raikia Bean, Cabbage, Goatary, Poultry, Mushroom	Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Weed Management Crop substitution Fruit & Vegetable Cultivation Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises Low-Cost Production Techniques
5	Daringibadi	Daringibadi	Ladamaha, Daringibadi, Simanbadi	Turmeric, Ginger, Paddy, Maize, Niger, Groundnut, Off-season	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Ginger – Low yield due to rhizome rot Paddy – Heavy weed infestation	Organic Farming Weed Management Soil Health & Fertility

				Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises Marketing Awareness Farm Mechanisation

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2024) for its development and action plan

Name of village	Block	Action taken for development
Penala	Tikabali	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Mazagada	Chakapada	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Kalikheta	Tikabali	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Sudhipada	G. Udayagiri	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Tiangia	G. Udayagiri	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments

2.1 Priority thrust areas

S. No	Thrust area
1.	Soil health & fertility management
2.	Non land enterprises
3.	Soil and water conservation
4.	Crop substitution & cropping system
5.	Low-cost production technique
6.	Weed management
7.	Pest & disease management
8.	Marketing awareness
9.	Dry land Farming
10.	Fruit & Vegetable Cultivation
11.	Backyard poultry rearing
12.	Processing and value addition

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievement of mandatory activities by KVK during the year

OFT												FLD											
No. of technologies tested:												No. of technologies demonstrated:											
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
9	9	225	47	13	112	50	3	0	162	63	225	16	16	205	20	19	101	57	6	2	127	78	205

Training												Extension activities											
Number of Courses		Number of Participants										Number of activities		Number of participants									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
78	78	1990	116	302	435	992	67	78	618	1372	1990	27	27	1090	133	89	518	271	44	35	695	395	1090

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
1990	1990	82	155	224	467	21	55	327	677	1004	1090	1090	61	56	256	109	22	11	339	176	515

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
Niger-3.60	2.8	1.0	1.0
Mustard -6.0	4.0		
Turmeric-165	165.0		

Livestock strains and fish fingerlings produced (in lakh) *		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	-	0.01	0.00812

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	04	-	02	5.40	5.27	-	-
Seminar/conference/ symposia papers	02	-	-	-	-	-	-
Books	-	-	-	-	-	-	-
Bulletins	03	1500	-	-	-	-	-
News letter	01	500	-	-	-	-	-
Popular Articles	-	-	-	-	-	-	-
Book Chapter	-	-	-	-	-	-	-
Extension Pamphlets/ literature	01	500	-	-	-	-	-
Technical reports	01	10	-	-	-	-	-
Electronic Publication (CD/DVD etc)	02	10	-	-	-	-	-
TOTAL	14	2520	02	5.40	5.27	-	-

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of Nutrient management in finger millet
2.	Problem diagnosed	Poor plant growth, less tiller, small ear heads and low grain yield due to improper nutrient management practices
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Application of FYM @ 1.0 t /ha with average fertilizer @ 20-0-0 kg N-$P_2O_5K_2O$/ha TO_1: Application of FYM @ 2.5 t/ha + vermi compost @ 1 t/ha + Bio-fertilizers (*Azotobacter, Azospirillum and PSB*, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) FYM (1:25) under shade at 30% moisture for 7 days TO_2: Application of 75% STBFR + FYM @ 5t/ha

		TO3 Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT
5.	Production system and thematic area	Integrated nutrient management
6.	Performance of the Technology with performance indicators	Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days increased the yield by 39.0 per cent over farmers practice
7.	Final recommendation for micro level situation	Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers accepted the technology due to higher return

Thematic area: Nutrient management

Problem definition: Poor plant growth, less tiller, small ear heads and low grain yield due to improper nutrient management practices

Technology assessed: Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs. /ha)	Gross return (Rs/ha)	Net return (Rs. /ha)	BC ratio
		Plant height (cm)	No. of tillers/hill	No. of panicles /m^2					
FP	05	62.2	3.08	74.82	10.5	29400	47250	17850	1.6
TO_1	05	73.8	4.52	81.74	12.3	32400	55350	22950	1.7
TO_2	05	82.5	5.72	92.43	13.8	35300	62100	26800	1.8
TO_3	05	96.3	7.60	97.73	14.6	33500	65700	32200	2.0

Results: Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days increased the yield by 39.0 per cent over farmers practice

OFT-2

1.	Title of On farm Trial	Assessment of integrated nutrient management in tomato
2.	Problem diagnosed	Poor plant growth, less flowering, small fruit size and low quality produce due to improper nutrient management practices
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Application of FYM @ 1.5 t /ha with average fertilizer @ 40-30-30 kg N-$P_2O_5K_2O$/ha TO_1: 75% NPK (STBFR)+25 %N from vermicompost + Bioconsortia @ 12 kg ha^{-1} inoculated with vermicompost TO_2: NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AAU, Anand, 2020-21 and CSAUAT, Kanpur, 2020-21
5.	Production system and thematic area	Integrated nutrient management
6.	Performance of the Technology with performance indicators	NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha increased the yield of tomato by 31.9 per cent over farmers practice
7.	Final recommendation for micro level situation	NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers accepted the technology due to higher return

Thematic area: INM

Problem definition: Poor plant growth, less flowering, small fruit size and low quality produce due to improper nutrient management practices
Technology assessed: NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha increased the yield of tomato by 31.9 per cent over farmers practice

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs. /ha)	Gross return (Rs/ha)	Net return (Rs. /ha)	BC ratio
		Plant height (cm)	No. of fruits/plant	No. of branches/plant					
FP	07	89.2	42.3	13.3	215.8	64300	151060	86760	2.3
TO_1	07	94.3	53.1	14.6	248.5	72500	173950	101450	2.4
TO_2	07	102.8	62.8	17.1	284.6	75600	199220	123620	2.6

Results: NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha increased the yield of tomato by 31.9 per cent over farmer's practice

OFT-3

1.	Title of On-farm Trial	Assessment of weed management in maize
2.	Problem diagnosed	Low yield in maize due to heavy weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment of weed management in maize FP- Hand weeding at 30 -35 DAS TO_1-Pre-emergence application of Atrazine 50% wp@ 1.5 kg ai/ha TO_2-Pre-emergence application of Atrazine @ 1.5 kg ai/ha followed by Tembotrione @ 120 g/ha as post-emergence at 25 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Maize, OUAT-2020-21
5.	Production system and thematic area	weed management
6.	Performance of the Technology with performance indicators	

Result	Yield parameters		Yield (q/ha)	% yield increase	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net income (Rs/ha)	B:C ratio
	Plant height (cm)	Cob length (cm)						
FP	197.6	18.4	49.4	-	34250	98800	64550	2.8
TO_1	210.9	21.2	52.4	6.1	30500	104800	74300	3.4
TO_2	215.4	25.9	57.3	15.9	31250	114600	83350	3.6

7.	Final recommendation for micro level situation	Pre-emergence application of Atrazine @ 1.5 kg ai/ha followed by Tembotrione @ 120 g/ha as post-emergence at 25 DAS
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers are happy due to higher yield and return and show their interest for adoption of the technology

Thematic area: Weed management

Problem definition: Low yield in maize due to heavy weed infestation

Technology assessed:
FP- Hand weeding at 30 -35 DAS
TO_1-Pre-emergence application of Atrazine 50% wp@ 1.5 kg ai/ha
TO_2-Pre-emergence application of Atrazine @ 1.5 kg ai/ha followed by Tembotrione @ 120 g/ha as post-emergence at 25 DAS

Table:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	Cob length (cm)					
FP	7	197.6	18.4	49.4	34250	98800	64550	2.8
TO_1	7	210.9	21.2	52.4	30500	104800	74300	3.4
TO_2	7	215.4	25.9	57.3	31250	114600	83350	3.6

OFT-4

1.	Title of on farm Trial	Assessment of medium duration rice varieties under rainfed condition
2.	Problem diagnosed	Low productivity due to use of local varieties
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment of medium duration rice varieties under rainfed condition FP- Cultivation of locally available rice variety, Lalat (135 days) TO_1- Cultivation of rice variety Kalinga Dhan 1203 (135 days) TO_2- Cultivation of rice variety Kalinga Dhan 1204 (125 days) TO_3- Cultivation of rice variety Kalinga Dhan 1205 (132 days)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT Annual Report, 2021
5.	Production system and thematic area	Varietal Substitution
6.	Performance of the Technology with performance indicators	

Result	Yield parameters		Yield (q/ha)	% yield increase	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net income (Rs/ha)	B:C ratio
	Plant height (cm)	No. of Tillers/hill						
FP	105.6	7.8	28.7	-	46300	57400	11100	1.2
TO_1	114.9	12.3	38.2	33.1	46300	76400	30100	1.6

		TO_2 82.4 10.2 32.0 11.5 46300 64000 17700 1.4 TO_3 117.3 13.6 35.4 21.4 46300 70800 26700 1.5
7.	Final recommendation for micro level situation	Cultivation of medium duration paddy variety Kalinga Dhan 1203 is recommended for micro level situation of Kandhamal district
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers are happy due to maximum yield and net return and showed their interest for adoption of the technology

Thematic area: Varietal evaluation
Problem definition: Low productivity due to use of local varieties
Technology assessed: FP- Cultivation of locally available rice variety, Lalat (135 days)
TO_1- Cultivation of rice variety Kalinga Dhan 1203 (135 days)
TO_2- Cultivation of rice variety Kalinga Dhan 1204 (125 days)
TO_3- Cultivation of rice variety Kalinga Dhan 1205 (132 days)
Table:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	No. of Tillers/hill					
FP	5	105.6	7.8	28.7	46300	57400	11100	1.2
TO_1	5	114.9	12.3	38.2	46300	76400	30100	1.6
TO_2	5	82.4	10.2	32.0	46300	64000	17700	1.4
TO_3	5	117.3	13.6	35.4	46300	70800	26700	1.5

OFT-5

1.	Title of On-farm Trial	Assessment of Leaf blotch Management in Turmeric
2.	Problem diagnosed	Low yield in Turmeric due to heavy infestation of leaf blotch disease.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment. FP- Traditional cultivation practices with no control measures TO_1-Application of (Azoxystrobin 12.5%+Tebuconazole 12.5%) @ 1ml/litre at 45, 60 and 90DAS TO_2- Rhizome treatment with Propiconazole 25EC@1%+ Foliar spray with Propiconazole 25EC @ 1% at 90, 105 and 120 DAP
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	SAU (TO_1 : OUAT AR, 21-22) (TO_2 : Tirhut College of Agril., Muzaffarpur, 17-18)
5.	Production system and thematic area	Integrated Disease Management
6.	Performance of the Technology with performance indicators	Result | Yield parameters | Yield (q/ha) | % yield increase | Cost of cultivation | Gross return | Net income | B:C ratio

			PDI (%)			(Rs/ha)	(Rs/ha)	(Rs/ha)	
		FP	31.4	95.3		76400	152480	76000	1.99
		TO_1	6.7	131.4	37.8	79200	210240	131040	2.65
		TO_2	9.3	120.6	26.5	77800	192960	115160	2.48
7.	Final recommendation for micro level situation	-							
8.	Constraints identified and feedback for research	-							
9.	Process of farmers participation and their reaction	Farmers are satisfied due to lower incidence in disease as compared to farmers' practice and interested for adoption of the technology.							

*Thematic area:*IDM

Problem definition: Low yield in Turmeric due to heavy infestation of leaf blotch disease.

Technology assessed: FP- Traditional cultivation practices with no control measures
TO_1- Application of (Azoxystrobin 12.5%+Tebuconazole 12.5%) @ 1ml/litre at 45, 60 and 90DAS.
TO_2- Rhizome treatment with Propiconazole 25EC@1%+ Foliar spray with Propiconazole 25EC @ 1% at 90, 105 and 120 DAP

Table:

Technology option	No. of trials	Disease/ Insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	31.4	95.3	76400	152480	76000	1.99
TO_1	7	6.7	131.4	79200	210240	131040	2.65
TO_2	7	9.3	120.6	77800	192960	115160	2.48

OFT-6

1.	Title of On farm Trial	Assessment on management practices for Fall Armyworm in Maize.
2.	Problem diagnosed	Low yield in Maize due to heavy infestation of Fall Armyworm.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment FP-Application of Profenphos 50EC@ 1l/ha TO_1-Seed treatment with (Cyazypyr+Thiomethoxam) @6ml/kg of seed+ installation of bird perches upto 45DAS+Foliar application of Tetraniliprole@200ml/ha at 30DAS+Whorl application & field placement of poison bait(10kg rice bran+2kg Jaggery+2-3 litre of water+100gm Thiodicarb) at45 DAS TO_2- Seed treatment with (Cyatraniliprole 19.8%+Thiomethoxam 19.8% FS) @6ml/kg of seed, Spraying with Azadirachtin 1500ppm @ 3ml/litre of water at 21 DAS and Thiomethoxam 12.6%+

		Lambda-Cyhalothrin 9.5%ZC @ 125ml/ha at 35DAS.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	SAU (TO_1: RRTTS, Ranital, OUAT, 2022), (TO_2: OUAT AR, 2019)
5.	Production system and thematic area	Integrated Pest Management
6.	Performance of the Technology with performance indicators	

Result	Yield parameters		Yield (q/ha)	% yield increase	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net income (Rs/ha)	B:C ratio
	No. of larvae per plant	No. of plant infested/m 2						
FP	105.6	7.8	38.6	-	36880	77200	40320	2.1
TO_1	114.9	12.3	57.3	18.7	38665	114600	75935	2.9
TO_2	82.4	10.2	50.6	12.0	37760	101200	63440	2.6

7.	Final recommendation for micro level situation	Seed treatment with (Cyazypyr+Thiomethoxam) @6ml/kg of seed+ installation of bird perches upto 45DAS+Foliar application of Tetraniliprole@200ml/ha at 30DAS+Whorl application & field placement of poison bait(10kg rice bran+2kg Jaggery+2-3 litre of water+100gm Thiodicarb) at45 DAS reduces the fall armyworm infestation and thereby increases yield in Maize.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers accept the use of this technology in effectively reducing the infestation to a considerable level and in enhancing the yield.

Thematic area: IPM

Problem definition: Low yield in Maize due to heavy infestation of Fall Armyworm
Technology assessed: FP- Application of Profenphos 50EC@ 1l/ha
TO_1- Seed treatment with (Cyazypyr+Thiomethoxam) @6ml/kg of seed+ installation of bird perches upto 45DAS+Foliar application of Tetraniliprole@200ml/ha at 30DAS+Whorl application & field placement of poison bait(10kg rice bran+2kg Jaggery+2-3 litre of water+100gm Thiodicarb) at45 DAS
TO_2-Seed treatment with (Cyatraniliprole 19.8%+Thiomethoxam 19.8% FS) @6ml/kg of seed, Spraying with Azadirachtin 1500ppm @ 3ml/litre of water at 21 DAS and Thiomethoxam 12.6%+ Lambda-Cyhalothrin 9.5%ZC @ 125ml/ha at 35DAS
Table:

Technology option	No. of trials	Disease/ insect pest incidence (%)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of larvae per plant	No. of plant infested/m2					
FP	7	105.6	7.8	38.6	-	36880	77200	40320
TO_1	7	114.9	12.3	57.3	18.7	38665	114600	75935
TO_2	7	82.4	10.2	50.6	12.0	37760	101200	63440

OFT-7

1.	Title of on farm Trial	Assessment of humidity management in paddy straw mushroom production in summer season
2.	Problem diagnosed	Low yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Conventional method TO1- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with sand, spreading wet gunny bags in wall and window TO2- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with moist sand, installation of fogger system
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CTMRT, OUAT-2019
5.	Production system and thematic area	Mushroom
6.	Performance of the Technology with performance indicators	TO_1- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with sand, spreading wet gunny bags in wall and window TO_2- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with moist sand, installation of fogger system
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	It is a very appreciable technology
9.	Process of farmers participation and their reaction	All the farmers accepted this technology due to high profit

Thematic area: Mushroom cultivation

Problem definition: Low yield
Technology assessed:
FP- Conventional method
TO1- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with sand, spreading wet gunny bags in wall and window
TO2- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with moist sand, installation of fogger system

Table:

Results	Yield (kg / 10 bed)	Cost of cultivation (kg/10 bed)	Biological efficiency (%)	Gross income (Rs. /10 bed)	Net Income (Rs. /10 bed)	BC Ratio
FP	3	500	3	900	400	1.8
TO_1	5	550	6	1500	950	2.7
TO_2	7	700	10	2250	1550	3.2

Results: -Farmers accepted TO1 as it is low-cost technology and gives good profit and also farmers highly accepted TO2 but need some financial support as it is high cost technology with very good profit

OFT-8

1.	Title of on farm Trial	Assessment of effectiveness of different extension methods to access information on different crop production
2.	Problem diagnosed	Poor accessibility to accurate and timely information on technical knowledge/advisory in different production system
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Farmers getting information from peer group, input dealers, extension functionaries, mass media and, KMA TO_1 : FP + Short Video Lecture+ Focus Group discussion TO_2 : FP + Using of" Xpert" App.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low yield
Technology assessed:

FP: Farmers getting information from peer group, input dealers, extension functionaries, mass media and, KMA
TO_1 : FP + Short Video Lecture+ Focus Group discussion
TO_2 : FP + Using of" Xpert" App.
Table:

Results	Yield (kg / 10 bed)	Cost of cultivation (kg/10 bed)	Biological efficiency (%)	Gross income (Rs. /10 bed)	Net Income (Rs. /10 bed)	BC Ratio
FP	Continue					
TO_1						
TO_2						

OFT-9

1.	Title of on farm Trial	Assessing efficacy of ITK on disease pest management of vegetables available locally
2.	Problem diagnosed	Non standardization of available ITK leading to poor dissemination, hence production of vegetables with higher residual toxicity from chemical pesticides
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : ITK adopted in a micro area, not tested, documented, but has visible role TO_1 : ITK to be tested in KVK adopted villages TO_2 : ITK to be tested in KVK
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:
Technology assessed:

FP: ITK adopted in a micro area, not tested, documented, but has visible role
TO_1: ITK to be tested in KVK adopted villages
TO_2 : ITK to be tested in KVK
Table:

Results	Yield (kg / 10 bed)	Cost of cultivation (kg/10 bed)	Biological efficiency (%)	Gross income (Rs. /10 bed)	Net Income (Rs. /10 bed)	BC Ratio
FP	Continue					
TO_1						
TO_2						

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Groundnut	INM	STBFR + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 30 kg /ha + B @ 1.25 kg/ha	1	1	0	1	8	1	0	0	8	2	10	
2.	Turmeric	INM	Application of STBFR, application of Vermicompost @ 5 t/ha, Mulching with sal leaves @ 12.5 t/ha, application of biofertilizer (Azotobacter, Azospirillum and PSB , 12 kg/ha) incubated with FYM @ 1:25 ratio for 7 days	1	1	0	0	7	3	0	0	7	3	10	
3.	Maize+Sweet potato	Organic nutrient management	Application of bio-consortia @ 5 $kgha^{-1}$ incubated with FYM (1:25 ratio), FYM @ 5 t ha^{-1} and vermicompost @ 2 tha^{-1}	1	1	0	0	7	3	0	0	7	3	10	
4.	Mustard	INM	STBFR + FYM @ 2 t/ha + Soil application of Zn @ 5kg/ha and B @ 1kg/ha along with S @ 40 kg/ha	1	1	0	0	4	6	0	0	4	6	10	
5	Rice	Weed Management	Pre-emergence application of Pyrazosulfuron ethyl 200 g/ha followed by post-emergence application of Fenoxaprop ethyl + ethoxysulfuron @ 1300 + 120 ml/ha at 25 DAS	1	1	2	1	3	2	2	0	7	3	10	
6.	Maize	Varietal Substitution	Cultivation of medium duration maize hybrid Kalinga Raj (OMH 14-	1	1	1	1	3	3	2	0	6	4	10	

			27)												
7.	Finger millet	Weed Management	Pre-emergence application of Bensulfuron methyl 0.6% + Pretilachlor 6% @ 10 kg/ha at 2 DAT & 2,4-D ethyl ester @ 1350 ml/ha at 30 DAT	1	1	3	0	3	1	2	1	8	2	10	
8.	Garden pea	Weed Management	Post-emergence application of Imazethapyr (10% SL) @ 750ml/ha at 20-30 DAS	1	1	2	2	4	1	1	0	7	3	10	
9.	Finger Millet	IDM	Seed Treatment with *Pseudomonas fluorescens* @ 6ml/kg of seed followed by two sprayings of *Pseudomonas fluorescens*@ 6ml/litre of water at 50% floweing and second one after 10 days	1.0	1.0	0	1	8	1	0	0	8	2	10	
	Finger millet	Value addition	Value addition of Finger millet by preparing Murukku Treatment-Add finger millet flour, gram, rice(1:1:1 ratio), chilli powder, salt, sesame mix and prepare dough and deep fry	Homestead	-	0	3	0	7	0	10	0	10	10	
	Tender jackfruit	Value addition	Processing and packaging of tender jackfruit Treatment- Surface cleaning/dirt removal by washing, peeling and cutting into pieces. Dipping in 0.5% (w/v) citric acid and 0.1% ascorbic acid for 7 minutes, surface drying and packaging in punnet	Homestead	-	0	4	0	6	0	10	0	10	10	

			pack or PP pouch with 0.0675% perforation and refrigerated storage at 10°C												
	Oyster mushroom	Value addition	Value addition of oyster mushroom Preparation of soup powder Treatment- Fresh mushroom 125 g, corn flour 50 g, milk powder 25 g, salt 8 g, sugar 3 g, black pepper 2 g, Oregano-2 g has been developed	Homestead	-	0	2	0	8	0	10	0	10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Groundnut	Kharif	Rainfed upland	Sandy loam	132.4 to 286.8	08.7 to 21.05	218.8 to 321.7	Maize	18.07.2024	24.10.2024	479.2	28
Turmeric	Kharif	Rainfed upland	Sandy loam	122.8 to 301.6	14.5 to 22.8	222.9 to 342.8	Turmeric	12.04.2024	18.01.2025	510.4	34
Maize+Sweet potato	Kharif	Rainfed upland	Sandy loam	252.8 to 300.7	09.4 to 31.8	197.5 to 292.1	Groundnut	09.07.2024	28.10.2024	479.2	28
Mustard	Rabi	Medium irrigated land	Sandy loam	262.5 to 297.4	15.6 to 26.7	202.7 to 288.6	Brinjal	11.09.2024	06.10.2024	479.2	28
Paddy	Kharif	RF Upland/medium land	Sandy clay loam	197.5	11.7	302.6	Fallow	27.08.2024	30.12.2024	479.2	28
Maize	Kharif	RF medium land	Sandy loam	305.4	18.5	293.2	Tomato	02.09.2024	26.12.2024	479.2	26
Finger millet	Kharif	RF Upland/medium land	Clay loam	223.5	22.5	312.5	Fallow	04.09.2024	12.01.2025	479.2	28
Garden pea	Rabi	Irrigated medium land	Clay loam	246.5	26.4	286.4	Vegetables	25.10.2023	15.01.2024	479.2	28
Finger Millet	Kharif	Rainfed	Sandy clay loam	243.44	14.28	250.05	Fallow	18.07.2024	15.12.2024	479.2	28

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut	INM	STBFR + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 30 kg /ha + B @ 1.25 kg/ha	10	1	15.2	11.9	27.7	36600	91200	54600	2.5	34100	71400	37300	2.1
Mustard	INM	STBFR + FYM @ 2 t/ha + Soil application of Zn @ 5kg/ha and B @ 1kg/ha along with S @ 40 kg/ha	10	1	6.9	4.8	43.8	18200	41400	23200	2.3	15300	28800	13500	1.9
Mustard	IPM	Spraying of Profenphos40%EC+ Cypermethrin44%EC @ 1ml/litre of water twice at 10 days intervals starting from initiation of pest incidence.	10	1.0	6.3	4.9	28.5	18300	37485	22185	2.04	16470	29155	14685	1.8
Total			30	3.0											

Pulses:NA

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Turmeric	INM	Application of STBFR, application of Vermicompost @ 5 t/ha, Mulching with sal leaves @ 12.5 t/ha, application of biofertilizer (Azotobacter, Azospirillum and PSB , 12 kg/ha) incubated with FYM @ 1:25 ratio for 7 days	10	1	128.5	94.3	36.3	264.9	218.7	84400	205600	121200	2.4	75200	150880	75680	2.0
Maize+Sweet potato	Organic nutrient management	Application of bio-consortia @ 5 $kgha^{-1}$ incubated with FYM (1:25 ratio), FYM @ 5 t ha^{-1} and vermicompost @ 2 tha^{-1}	10	1	81	67.8	19.5	Cob length -19.5 cm	Cob length -14.9 cm	46800	178200	131400	3.8	44200	149160	104960	3.4
Garden pea	Weed Management	Post-emergence application of Imazethapyr (10% SL) @ 750ml/ha at 20-30 DAS	10	1	108.5	97.6	11.2	24.4	15.2	98000	434000	309000	4.4	102400	390400	288000	3.8

Paddy	Weed Management	Pre-emergence application of Pyrazosulfuron ethyl 200 g/ha followed by post-emergence application of Fenoxaprop ethyl + ethoxysulfuron @ 1300 + 120 ml/ha at 25 DAS	10	1	34.6	27.4	26.3	132.4	116.8	38600	69200	30600	1.8	42300	54800	12500	1.3
Maize	Varietal Substitution	Cultivation of medium duration maize hybrid Kalinga Raj (OMH 14-27)	10	1	64.7	49.2	31.5	216	264	36250	129400	93150	3.6	36250	98400	62150	2.7
Finger millet	Weed Management	Pre-emergence application of Bensulfuron methyl 0.6% + Pretilachlor 6% @ 10 kg/ha at 2 DAT & 2,4-D ethyl ester @ 1350 ml/ha at 30 DAT	10	1	12.6	9.2	36.9	135.5	128.6	18300	50400	32100	2.7	21600	36800	15200	1.7

Finger Millet	IDM	Seed Treatment with *Pseudomonas fluorescens* @ 6ml/kg of seed followed by two sprayings of *Pseudomonas fluorescens*@ 6ml/litre of water at 50% floweing and second one after 10 days	10	1.0	12.48	10.3	21.1	5.1 (% Blast infestation)	29.5 (% Blast infestation)	33200	56160	22960	1.7	29700	46350	16650	1.6
Brinjal	IPM	Manual plucking of infested twigs & fruits, alternate spraying of Flubendiamide 480SC@ 78.7g/ha and Rynaxypyr 20SC @ 33.33g/ha at 15 days intervals starting from first appearance of the infestation.	10	1.0	158.6	123.7	28.2	5.3 (% plants infested)	56.7 (% plants infested)	84700	237900	153200	2.8	78800	185550	106750	2.4

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Sensory parameter		Keeping quality(days)		Net Income (Rs/10kg product)		BCR	
					Demonstration	Check	Demo	Check	Demo	Check	Demo	Check
Finger millet	Value addition	Value addition of finger millet for enhancing income of SHG	10	Homestead	3.6	4.2	45	30	780/-	220/-	2.08	1.6
Tender jackfruit	Value addition	Processing and packaging methods of tender jackfruit	10	Homestead	4.5	-	5-7	-	300/-	50/-	2.5	1.5
		Total										

Livestock : NA

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
	Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Value addition of Oyster mushroom	10	10	22	24	-	22	17	500	2200	1700	4.4	5003.4	1700	1200	3.4
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl. specify)																
Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	

Farm Women	Demonstration on value addition of finger millet for enhancing income of SHG	10	30 days	45 days	It helped in income generation
Pregnant women					
Adolescent Girl					
Other women	Demonstration on value addition of oyster mushroom	10	Results waited	Results waited	Results waited
Children					
Neonatal					
Infants					

Farm implements and machinery : NA

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Maize	MRM-4010	10	1	48.9	39.7	23.2	44800	87340	42540	1.9
Bajra										
Maize	Kalinga raj	10	1	64.7	49.2	31.5	36250	129400	93150	3.6
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total		**20**	**02**	-	-	-	-	-	-	-
Oilseeds										
Castor										

Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pulses										
Green gram										
Black gram										
Bengal gram										
Red gram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato	Lakshmi	07	01	284.6	215.8	31.8	75600	199220	123620	2.6
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Cabbage	Harekrishna	16	2.5	341.4	220.8	54.6	78200	273120	194920	3.5
Cauliflower	Poornima	16	2.5	275.1	182.4	50.8	92400	440160	347760	4.8
Total		**39**	**06**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Commercial crops										
Cotton										
Coconut										
Others (Pl. specify)										

Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total										

Good quality photographs of FLDs

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Groundnut	Farmers accepted this technology due to higher yield and return
2	Turmeric	Farmers accepted this technology due to higher yield and return
3	Maize+Sweet potato	Farmers accepted this technology due to higher yield and return
4	Mustard	Farmers accepted this technology due to higher yield and return
5	Paddy	Pre-emergence application of Pyrazosulfuron ethyl 200 g/ha followed by post-emergence application of Fenoxaprop ethyl + ethoxysulfuron @ 1300 + 120 ml/ha at 25 DAS controls weeds effectively in direct seeded rice
6	Maize	OUAT released var. Kalingaraj gives higher yield and net return than local varieties
7	Finger millet	Pre-emergence application of Bensulfuron methyl 0.6% + Pretilachlor 6% @ 10 kg/ha at 2 DAT & 2,4-D ethyl ester @ 1350 ml/ha at 30 DAT is very much effective in controlling weeds in ragi field
8	Garden pea	Herbicide Imazethapyr effectively controls broad leaf weeds in garden pea
9	Finger millet	Seed Treatment with *Pseudomonas fluorescens* @ 6ml/kg of seed followed by two sprayings of *Pseudomonas fluorescens*@ 6ml/litre of water at 50% floweing and second one after 10 days reduces the blast incidence and increases the yield.
10	Musatrd	Spraying of Profenphos40%EC+ Cypermethrin44%EC @ 1ml/litre of water twice at 10 days intervals starting from initiation of pest incidence reduces the pest incidence considerably which indirectly enhances the yield
11	Brinjal	Manual plucking of infested twigs & fruits, alternate spraying of Flubendiamide 480SC@ 78.7g/ha and Rynaxypyr 20SC @ 33.33g/ha at 15 days intervals starting from first appearance of the infestation lowers the infestation of shoot and fruit borer and increases the net profit.
12	Finger millet- Muruku	Accepted this technology as Muruku is easily prepared and gives more profit and can be kept for upto one month
13	Oyster mushroom soup powder	Accepted this technology as soup is easily prepared and gives more profit and can be kept for upto two months
14	Tender Jackfruit	Accepted this technology as more profit and ready to cook, can be kept for upto seven days in deep freezer

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1.	Field days	14	420	
2.	Farmers Training	8	175	
3.	Media coverage	08	Mass	
4.	Training for extension functionaries	11	330	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2024 and Rabi 2023-24:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Niger	Desi Tila	2.6	3.32	2.66	6.5-7	Use of improved variety Utkal Niger-150 having seed rate @ 10 kg/ha Line sowing (with spacing 30x10 cm), Seed treatment with Vitavax power @ 2 gm per kg seed, Alternate sprayings of Imidachloprid @ 3ml/10 liter of water, Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. & Cloropyriphos + Cypermethrin @ 2 ml/lit. Soil test-based fertilizer application (based	150	60	5.8	3.2	4.5	35.5	69.2	44.4

							on the recommended dose of 40:20:20 kg NPK / ha).								

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	Use of improved variety Utkal Niger-150 having seed rate @ 10 kg/ha Line sowing (with spacing 30x10 cm), Seed treatment with Vitavax power @ 2 gm per kg seed, Alternate sprayings of Imidachloprid @ 3ml/10 liter of water, Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. & Cloropyriphos + Cypermethrin @ 2 ml/lit. Soil test-based fertilizer application (based on the	8500	21067	12567	2.5	10500	36000	25500	3.4

	recommended dose of 40:20:20 kg NPK / ha).								

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Niger Var. Utkal niger 150	57000	2700	80	800	1000	Household	34

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Use of improved variety Utkal Niger-150 having seed rate @ 10 kg/ha Line sowing (with spacing 30x10 cm), Seed treatment with Vitavax power @ 2 gm per kg seed, Alternate sprayings of Imidachloprid @ 3ml/10 liter of water, Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. & Cloropyriphos + Cypermethrin @ 2 ml/lit. Soil test-based fertilizer application (based on the recommended dose of	YES	Liking	87	NO	Yes	NO

	40:20:20 kg NPK / ha).						

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Seed treatment	The pest and disease incidences were found to be negligible at the early stage of the crop	Seed yield of niger increased 08 % over local check	Farmers were convinced that, due to seed treatment the crop escaped early infestation of sucking pests and diseases
Line sowing	The branching was optimum and intercultural operations were easily performed	Seed yield of niger increased 13.6 % over local check	Due to line sowing, the yield enhanced as well as it is very easy for intercultural operations
Soil test-based fertilizer application	Due to STBFR, the crop got more flower, bold seeds and yield	Seed yield of niger increased 18.5 % over local check	Farmers were interested to use fertilizers and micronutrients as per soil test results
Use of PP chemicals at proper time and doses	The crop could manage all the diseases and pest incidences throughout the cropping season	Seed yield of niger increased 20 % over local check	Farmers were interested to use PP chemicals at proper time and doses

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmers attended
1	Training Programme	16.07.2024 -Pleheri 22.08.2024-Sundardanda	50
2	Group Discussion	25.07.2024 - Sangudimaha 05-08-2024 – Pangali 10.12.2024- Sundardanda 24.12.2024- Pleheri	50
3	Field Day	22.01.2025, Sangudimaha	50

G. Sequential good quality photographs (as per crop stages i.e. growth & development)

H. Farmers' training photographs

I. Quality Action Photographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	432000	432000	0
	ii) TA/DA/POL etc. for monitoring	36750	36750	0
	iii) Extension Activities (Field day)	3750	3750	0
	iv)Publication of literature	7500	7500	0
	Total	480000	480000	Nil

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) Farmers and farm women (on campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total(a-g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
III. Soil Health and Fertility Management													
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance Use of fertilizer	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil & water testing	-	-	-	-	-	-	-	-	-	-	-	-	-
others	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	**1**	**0**	**1**	**1**	**0**	**2**	**2**	**0**	**22**	**22**	**0**	**25**	**25**
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others(Mushroom cultivation)	**1**	**0**	**3**	**3**	**0**	**5**	**5**	**0**	**17**	**17**	**0**	**25**	**25**
Total	**2**	**0**	**4**	**4**	**0**	**7**	**7**	**0**	**39**	**39**	**0**	**50**	**50**
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XII. Others (Pl. Specify)													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
GRAND TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	1	2	0	2	4	0	4	16	8	24	22	8	30
Production of organic inputs	3	3	2	5	7	3	10	37	23	60	46	29	75
Planting material production													
Vermiculture	2	0	0	0	6	1	7	19	19	38	25	20	45
Mushroom Production	1	0	3	3	2	8	10	2	15	17	4	26	30
Beekeeping	2	0	0	0	2	9	11	16	33	49	18	42	60
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	1	0	4	4	0	7	7	0	19	19	0	30	30
Small scale processing													
Post Harvest Technology	1	01	00	01	04	00	04	10	00	10	15	00	15
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Market linkage	1	2	1	3	8	3	11	10	6	16	20	10	30
PPP in agriculture	1	1	1	2	5	4	9	12	7	19	18	12	30
Gender sensitization in agriculture	2	4	2	6	8	6	14	27	13	40	39	21	60
Total	15	13	13	26	46	41	87	149	143	292	207	198	405

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management	1	4	2	6	6	2	8	14	2	16	24	6	30
Rejuvenation of old orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Protected cultivation technology	1	5	1	6	2	2	4	5	0	5	12	3	15
Production and use of organic inputs	1	4	1	5	6	0	6	3	1	4	13	2	15
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization	1	3	2	5	8	3	11	10	4	13	21	9	30
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Mushroom Production	1	0	0	0	2	4	6	5	19	23	7	23	30
Integrated Weed Management	1	4	2	6	3	0	3	5	1	6	12	3	15
Information Technology	1	0	0	0	2	4	6	5	19	23	7	23	30
Other													
Total	**7**	**20**	**8**	**28**	**29**	**15**	**44**	**47**	**46**	**90**	**96**	**69**	**165**

D) Farmers and farm women (off campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management	2	3	1	4	4	7	11	27	8	35	34	16	50
Resource Conservation Technologies	1	2	2	4	3	6	9	5	7	12	10	15	25
Cropping Systems	1	0	2	2	4	3	7	10	6	16	14	11	25
Crop Diversification	1	4	0	4	6	2	8	9	4	13	19	6	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming	1	02	01	03	05	05	10	08	04	12	15	10	25
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	4	6	2	8	8	14	22	54	24	70	68	32	100
Soil & water conservation													
Integrated nutrient Management	1	2	2	4	3	6	9	5	7	12	10	15	25
Production of organic inputs	1	4	0	4	6	2	8	9	4	13	19	6	25
Others													
Total	12	23	10	33	39	45	84	127	64	183	189	111	300
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	3	0	0	0	5	4	9	29	37	66	34	41	75
Integrated water management													
Integrated Nutrient Management	5	0	0	0	0	3	3	43	79	122	43	82	125
Production and use of organic inputs	1	0	0	0	0	0	0	14	11	25	14	11	25
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing	2	0	0	0	5	2	7	31	12	43	36	14	50
others													
Total	11	0	0	0	10	9	19	117	139	256	127	148	275
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Designing and development for high nutrient efficiency diet	2	0	7	7	0	33	33	0	10	10	0	50	50
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	6	6	0	14	14	0	5	5	0	25	25
Mushroom cultivation	2	0	8	8	0	35	35	0	9	9	0	50	50
Women empowerment													
Location specific drudgery reduction technologies	1	0	4	4	0	16	16	0	5	5	0	25	25
Value addition	2	0	6	6	0	10	10	0	34	34	0	50	50
Rural Crafts													
Women and child care													
Poultry Management	2	0	8	8	0	20	20	0	22	22	0	50	50
Total	**10**	**0**	**39**	**39**	**0**	**128**	**128**	**0**	**85**	**85**	**0**	**250**	**250**
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Pest Management	07	00	00	00	04	11	15	66	94	160	70	105	175
Integrated Disease Management	02	00	00	00	00	00	00	17	33	50	17	33	50
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	09	00	00	00	04	11	15	83	127	210	87	138	225
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	4	8	6	14	15	10	25	52	9	61	75	25	100
Formation and Management of SHGs	2	3	3	6	9	2	11	24	9	33	36	14	50
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Agricultural Marketing	2	4	4	8	5	4	9	20	13	33	29	21	50
Use of mass media	2	8	2	10	10	5	15	17	8	25	35	15	50
Formation of FPO	2	4	1	5	10	5	15	20	10	30	34	16	50
Total	**12**	**27**	**16**	**43**	**49**	**26**	**75**	**133**	**49**	**182**	**209**	**91**	**300**
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others													
Total													

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total													

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	2	3	1	4	4	7	11	27	8	35	34	16	50
Resource Conservation Technologies	1	2	2	4	3	6	9	5	7	12	10	15	25
Cropping Systems	1	0	2	2	4	3	7	10	6	16	14	11	25
Crop Diversification	1	4	0	4	6	2	8	9	4	13	19	6	25
Integrated Farming	1	02	01	03	05	05	10	08	04	12	15	10	25
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	4	6	2	8	8	14	22	54	24	70	68	32	100
Soil & water conservation													
Integrated nutrient Management	1	2	2	4	3	6	9	5	7	12	10	15	25
Production of organic inputs	1	4	0	4	6	2	8	9	4	13	19	6	25
Others													
Total	**12**	**23**	**10**	**33**	**39**	**45**	**84**	**127**	**64**	**183**	**189**	**111**	**300**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	3	0	0	0	5	4	9	29	37	66	34	41	75
Integrated water management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Nutrient Management	5	0	0	0	0	3	3	43	79	122	43	82	125
Production and use of organic inputs	1	0	0	0	0	0	0	14	11	25	14	11	25
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing	2	0	0	0	5	2	7	31	12	43	36	14	50
others													
Total	**11**	**0**	**0**	**0**	**10**	**9**	**19**	**117**	**139**	**256**	**127**	**148**	**275**
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	1	1	0	2	2	0	22	22	0	25	25
Designing and development for high nutrient efficiency diet	2	0	7	7	0	33	33	0	10	10	0	50	50
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	6	6	0	14	14	0	5	5	0	25	25
Mushroom cultivation	3	0	11	11	0	40	40	0	26	26	0	75	75
Women empowerment													
Location specific drudgery reduction technologies	1	0	4	4	0	16	16	0	5	5	0	25	25
Value addition	2	0	6	6	0	10	10	0	34	34	0	50	50
Rural Crafts													
Women and child care													
Poultry Management	2	0	8	8	0	20	20	0	22	22	0	50	50
Total	**10**	**0**	**39**	**39**	**0**	**128**	**128**	**0**	**85**	**85**	**0**	**250**	**250**
VI. Agril. Engineering													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	07	00	00	00	04	11	15	66	94	160	70	105	175
Integrated Disease Management	02	00	00	00	00	00	00	17	33	50	17	33	50
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	**09**	**00**	**00**	**00**	**04**	**11**	**15**	**83**	**127**	**210**	**87**	**138**	**225**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	4	8	6	14	15	10	25	52	9	61	75	25	100
Formation and Management of SHGs	2	3	3	6	9	2	11	24	9	33	36	14	50
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Agricultural Marketing	2	4	4	8	5	4	9	20	13	33	29	21	50
Use of mass media	2	8	2	10	10	5	15	17	8	25	35	15	50
Formation of FPO	2	4	1	5	10	5	15	20	10	30	34	16	50
Total	**12**	**27**	**16**	**43**	**49**	**26**	**75**	**133**	**49**	**182**	**209**	**91**	**300**
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	**54**	**50**	**65**	**115**	**102**	**219**	**321**	**460**	**464**	**916**	**612**	**738**	**1350**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	1	2	0	2	4	0	4	16	8	24	22	8	30
Production of organic inputs	3	3	2	5	7	3	10	37	23	60	46	29	75
Planting material production													
Vermiculture	2	0	0	0	6	1	7	19	19	38	25	20	45
Mushroom Production	1	0	3	3	2	8	10	2	15	17	4	26	30
Beekeeping	2	0	0	0	2	9	11	16	33	49	18	42	60
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	1	0	4	4	0	7	7	0	19	19	0	30	30
Small scale processing													
Post Harvest Technology	1	01	00	01	04	00	04	10	00	10	15	00	15
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Market linkage	1	2	1	3	8	3	11	10	6	16	20	10	30
PPP in agriculture	1	1	1	2	5	4	9	12	7	19	18	12	30
Gender sensitization in agriculture	2	4	2	6	8	6	14	27	13	40	39	21	60
Total	**15**	**13**	**13**	**26**	**46**	**41**	**87**	**149**	**143**	**292**	**207**	**198**	**405**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management	1	4	2	6	6	2	8	14	2	16	24	6	30
Rejuvenation of old orchards													
Protected cultivation technology	1	5	1	6	2	2	4	5	0	5	12	3	15
Production and use of organic inputs	1	4	1	5	6	0	6	3	1	4	13	2	15
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Group Dynamics and farmers organization	1	3	2	5	8	3	11	10	4	13	21	9	30
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Mushroom Production	1	0	0	0	2	4	6	5	19	23	7	23	30
Integrated Weed Management	1	4	2	6	3	0	3	5	1	6	12	3	15
Information Technology	1	0	0	0	2	4	6	5	19	23	7	23	30
Other													
Total	**7**	**20**	**8**	**28**	**29**	**15**	**44**	**47**	**46**	**90**	**96**	**69**	**165**

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Soil Science	IS	Natural farming	one day	ON	13	2	15	9	1	10
	RY	quality vermicompost production technique for income generation	two days	ON	9	6	15	9	6	15
Soil Science	F/FW	Production technique of NADEP Compost	one day	Off	14	11	25	14	11	25
Soil Science	F/FW	Importance and use of soil health card	one day	Off	17	8	25	17	8	25
Soil Science	RY	Vermicomposting	Five days	ON	5	0	5	5	0	5
Soil Science	F/FW	integrated nutrient management practices for millet cultivation	one day	Off	7	18	25	7	18	25
Soil Science	F/FW	Use and importance of green manuring for soil health and	one day	Off	3	22	25	3	22	25

		fertility management								
Soil Science	F/FW	Nutrient management practices for spices cultivation in Kandhamal district	one day	Off	11	14	25	11	14	25
Soil Science	F/FW	Nutrient management practices for oilseed cultivation	one day	Off	7	18	25	7	18	25
Soil Science	F/FW	Nutrient management practices for intercropping system	one day	Off	5	20	25	5	20	25
Soil Science	F/FW	organic nutrient management practices for major vegetables grown in Kandhamal district	one day	Off	11	14	25	11	14	25
Soil Science	F/FW	Integrated nutrient management practices for off-season vegetable cultivation	one day	Off	13	12	25	13	12	25
Soil Science	F/FW	inoculation technique, use and importance of biofertilizers for major vegetables grown in Kandhamal district	one day	Off	20	5	25	20	5	25
Soil Science	F/FW	Importance and use of soil health card	one day	Off	19	6	25	19	6	25
Soil Science	RY	practices and skill in production of vermicompost and vermiwash	two days	ON	16	14	30	16	14	30
Soil Science	RY	Production technique of different natural farming inputs	two days	ON	16	14	30	16	14	30
Soil Science	IS	Nutrient management strategies under Natural farming	one day	ON	24	6	30	20	4	24
Plant Protection	F/FW	Different techniques of seed treatment in crops and nursery care for pest and diseases	1	Off	7	18	25	7	18	25

		management								
Plant Protection	F/FW	Integrated management of fall army worm in maize	1	Off	7	18	25	7	18	25
Plant Protection	F/FW	IDM in turmeric	1	Off	10	15	25	10	15	25
Plant Protection	F/FW	IDM in Raikia bean	1	Off	7	18	25	7	18	25
Plant Protection	F/FW	Integrated management of stem borer in rice	1	Off	13	12	25	13	12	25
Plant Protection	F/FW	Preparation of spray solution spraying methods and judicious use of pesticide	1	Off	7	18	25	7	18	25
Plant Protection	F/FW	Integrated management of shoot and fruit borer in brinjal	1	Off	11	14	25	11	14	25
Plant Protection	F/FW	IPM in Mustard	1	Off	16	9	25	16	9	25
Plant Protection	F/FW	Bio control of pest and diseases in solanaceous vegetables	1	Off	9	16	25	9	16	25
Plant Protection	RY	Scientific Bee keeping	2	On	18	42	60	18	42	60
Home Science	F/FW	Cultivation practices of Paddy straw mushroom	1	On	0	25	25	0	25	25
Home Science	F/FW	Value addition from ripe mango	1	Off	0	25	25	0	25	25
Home Science	F/FW	Cultivation practices of Paddy straw mushroom	1	On	0	25	25	0	25	25
Home Science	F/FW	Planning and layout of nutritional garden	1	On	0	25	25	0	25	25
Home Science	F/FW	Improved backyard poultry rearing	1	Off	0	25	25	0	25	25
Home Science	F/FW	Use of small implements for drudgery reduction of farm woman	1	Off	0	25	25	0	25	25
Home Science	F/FW	Inclusion of high fiber millets in regular food	2	Off	0	50	50	0	50	50

		of children and woman								
Home Science	F/FW	Use of indigenous techniques for storing grains	1	Off	0	25	25	0	25	25
Home Science	F/FW	Cultivation practices of oyster mushroom	2	Off	15	35	50	18	32	50
Home Science	F/FW	Value addition of tender jackfruit	1	Off	0	25	25	0	25	25
Home Science	RY	Preparation of murukku from finger millet	2	On	0	30	30	0	30	30
Home Science	RY	Cultivation practices of oyster mushroom and market strategy	2	On	12	18	30	12	18	30
Home Science	IS	Cultivation practices of oyster mushroom and market	1	On	14	16	30	14	16	30
Home Science	VOC	Value addition of oyster mushroom and marketing	5	On	0	5	5	0	5	5
Home Science	VOC	Value addition of tender jackfruit	5	On	0	5	5	0	5	5
Agri. Extension	F/FW	Formation and management of SHGs	2	Off	0	50	50	0	50	50
Agri. Extension	F/FW	Grading and sorting of vegetable at farm level to get more market price	2	Off	12	38	50	12	38	50
Agri. Extension	F/FW	Use of mass media and social media for technology support	2	Off	12	38	50	12	38	50
Agri. Extension	F/FW	Formation and management of FPOs	2	Off	25	25	50	25	25	50
Agri. Extension	F/FW	Formation and management of farmers club	2	Off	32	18	50	32	18	50
Agri. Extension	F/FW	Record keeping of SHG	2	Off	25	25	50	25	25	50
Agri. Extension	RY	Farmer led and market led in extension strategies	2	On	20	10	30	20	10	30

Agri. Extension	RY	Public and private partnership in agriculture	2	On	22	8	30	22	8	30
Agri. Extension	RY	Behavioral skills and motivational techniques	2	On	16	14	30	16	14	30
Agri. Extension	RY	Gender sensitization in agriculture	2	On	17	13	30	17	13	30
Agri. Extension	IS	Application of information and communication technology in agriculture	1	On	16	14	30	16	14	30
Agri. Extension	IS	Use of participatory techniques	1	On	18	12	30	18	12	30
Agronomy	F/FW	Integrated weed management in upland paddy	1 day	Off	18	7	25	15	8	23
Agronomy	F/FW	Weed management in garden pea cultivation	1 day	Off	16	9	25	16	7	23
Agronomy	F/FW	Package of practices for Finger millet cultivation	1 day	Off	12	13	25	14	8	22
Agronomy	F/FW	Package of practices for field pea cultivation	1 day	Off	17	8	25	13	11	24
Agronomy	F/FW	Package of practices for Sunflower cultivation	1 day	Off	15	10	25	12	13	25
Agronomy	F/FW	Package of practices for little millet cultivation	1 day	Off	14	11	25	9	13	22
Agronomy	F/FW	Production technique for enriched compost making	1 day	Off	10	15	25	15	8	23
Agronomy	F/FW	Production technique for maize-cowpea intercropping	1 day	Off	14	11	25	14	9	23
Agronomy	F/FW	Importance of crop diversification in agriculture	1 day	Off	19	6	25	15	6	21
Agronomy	F/FW	Water and nutrient	1 day	Off	10	15	25	8	13	21

		management in SRI method of rice cultivation								
Agronomy	F/FW	Organic farming and its components	1 day	Off	19	6	25	15	6	21
Agronomy	F/FW	Integrated farming system techniques	1 day	Off	15	10	25	13	9	22
Agronomy	RY	Preparation of bio-concentrates for agricultural use	2 days	On	20	10	30	20	10	30
Agronomy	RY	Quality seed production techniques	2 days	On	22	8	30	20	8	30
Agronomy	RY	Storage techniques for food grains	2 days	On	15	0	15	14	0	14
Agronomy	RY	Preparation of natural farming inputs for organic farming	2 days	On	10	5	15	10	5	15
Agronomy	IS	Different types of herbicides and its application in various crops	1 day	On	12	3	15	8	1	9
Agronomy	IS	Use of bio-stimulants under protected cultivation	1 day	On	12	3	15	7	2	9

H) **Vocational training programmes for Rural Youth**

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermicomposting	Production and use of organic inputs	Vermicomposting	05	05	0	05	Pit method of vermicompost production	05	05	-
Oyster mushroom	Value addition	Value addition of oyster mushroom	5	-	5	5	-	05	05	-
Tender jackfruit	Value addition	Value addition of tender jackfruit	5	-	5	5	-	05	02	-

*Training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													
Integrated crop management													
Organic farming													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition													
Value addition	2	0	1	1	0	2	2	0	7	7	0	10	10
Other													
Total	2	0	1	1	0	2	2	0	7	7	0	10	10
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													

Poultry farming													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Income generation activities													
Vermicomposting	1	0	0	0	0	0	0	5	0	5	5	0	5
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm machinery & imlements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total	1	0	0	0	0	0	0	5	0	5	5	0	5
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	3	0	1	1	0	2	2	5	7	12	5	10	15

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			

1	Package of practices if major crops under Natural farming	Natural Farming	October	5	PF	1	40	Ministry of Agriculture and Farmers' welfare, GOI, ATARI

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management	1	4	0	4	10	4	14	16	6	22	30	10	40
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													
Other													
Total	1	4	0	4	10	4	14	16	6	22	30	10	40
Post harvest technology and value addition													

Processing and value addition													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm machinery													
Farm machinery, tools and implements													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grant Total	1	4	0	4	10	4	14	16	6	22	30	10	40

3.4. A. **Extension Activities (including activities of FLD programmes)**

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	5	97	23	120	81	4	5	9	101	28	129
KisanMela	3	172	128	300	76	11	4	15	183	132	315
KisanGhosthi	0	0	0	0	0	0	0	0	0	0	0
Exhibition	2	112	138	250	86	7	6	13	119	144	263
Film Show	12	182	68	250	89	5	6	11	187	74	261
Method Demonstrations	11	145	130	275	84	4	4	8	149	134	283
Farmers Seminar	1	32	18	50	81	3	2	5	35	20	55
Workshop	2	92	28	120	77	6	5	11	98	33	131
Group meetings	8	88	152	240	68	5	7	12	93	159	252
Lectures delivered as resource persons	32	632	328	960	92	12	9	21	644	337	981
Advisory Services	37	25400	2800	28200	65	14	18	32	25414	2818	28232
Scientific visit to farmers field	72	597	267	864	68	14	10	24	611	277	888
Farmers visit to KVK	42	878	542	1420	82	18	14	32	896	556	1452
Diagnostic visits	55	157	173	330	76	14	8	22	171	181	352
Exposure visits	4	62	18	80	85	3	3	6	65	21	86
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	4	52	43	95	95	2	4	6	54	47	101
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	4	32	28	60	94	3	4	7	35	32	67
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	11	0	110	110	89	9	2	11	9	112	121
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	12	154	136	290	81	12	10	22	166	146	312
Mahila Kisan Divas	1	0	50	50	85	7	3	10	7	53	60
Total	318	28884	5180	34064	-	153	124	277	29037	5304	34341

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	10
Radio talks	-
TV talks	-
Popular articles	-
Extension Literature	04
Other, if any	-

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided							
					SC		ST		Other		Total	
					M	F	M	F	M	F	M	F
Total												

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Niger	Utkal Niger 150	2.8	37520	6	2	10	3	4	1	20	6
Mustard	Sampoorna	4.0	38200	5	3	14	2	3	3	22	8
Turmeric	Roma, Rashmi	165	577500	10	2	30	5	4	2	44	9
Grand Total		171.8	6,53,220	21	7	54	10	11	6	86	23

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Brinjal	Akshita, VNR- Harsh	2500	6250	7	4	21	8	10	4	38	16
Tomato	Surekha	2000	5000	12	4	11	15	7	9	30	28
Chili	Daya, VNR310	2025	5062.5	17	12	43	8	7	8	67	28
Papaya	Red lady	500	12500	4	12	6	11	25	23	35	46
Cauliflower	Summer king	1500	3750	11	3	25	14	8	5	44	22
Brinjal	Akshita, VNR- Harsh	2000	5000	14	7	18	11	22	9	54	27
Tomato	Lakshmi	2000	5000	14	11	18	51	7	3	39	65
Chili	Daya, VNR310	2000	5000	18	3	15	11	9	5	42	19
Papya	Red lady	100	2500	11	21	18	52	7	9	36	82
Cauliflower	Poornima, Madhuri	3000	7500	11	14	25	24	17	14	53	52
Cabbage	Harekrishna	4000	10000	13	21	22	27	11	12	46	60
Onion	N-53	65000	16250	24	11	18	12	14	10	56	33
Mushroom spawn bottles	Oyster &Paddy straw mushroom	4000	80000	22	118	18	140	25	15	65	273
Total		90625	163812.5	178	241	258	384	169	126	605	751

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Vermicompost	6000	120000	4	6	55	32	3	2	62	40
Vermin	15	7500	0	0	5	3	4	3	9	6
Bio-fungicide	-	-	-	-	-	-	-	-	-	-
Bio-agents	-	-	-	-	-	-	-	-	-	-
Others, please specify.										
Total	6015	1,27,500	4	6	60	35	7	5	71	46

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dairy animals											
Cows											
Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry											
Broilers											
Layers											
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											

Grand Total	0	0	0	0	0	0	0	0	0	0	0

3.5. b. Seed Hub Programme - ***"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"***

i) Name of Seed Hub Centre: **NA**

Name of Nodal Officer :	
Address :	
e-mail :	
Phone No. : Mobile :	

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2024	Turmeric	Rashmi	180	1.5	165	TL
Kharif 2024	Niger	Utkal niger 150	3.5	1.0	2.8	FS
Rabi 2024-2025	Mustard	Sampoorna	6	1.5	4.0	FS

iii) Financial Progress

Fund received (2020-21, 2021-22, 2022-23, 2023-24 and 2024-25)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2020-21	-	-	-	-
2021-22	-	-	-	-
2022-23	-	-	-	-
2023-24	-	-	-	-
2024-25				

iv) Infrastructure Development: NA

Item	Progress
Seed processing unit	
Seed storage structure	

3.6. (A) Literature Developed/ Published (with full title, author & reference)

Research paper	Effect of Integrated Nutrient Management on Growth, Yield Attributes, Yield and Economics of Off-season Cauliflower (Brassica oleracea var. Botrytis L.) Grown under North Eastern Ghat Zone of Odisha	S. K. Mukhi, S. S. Sardar, P. J. Mishra, N. Bar and D. Mishra	-	Mass
	Effect of Integrated Nutrient Management Practices on Growth, Yield, Quality and Economics of Indian Mustard (Brassica juncea L.)	S.K. Mukhi, S.S. Sardar, N. Bar and P.J. Mishra	-	Mass
Seminar/conference/ symposia papers	Effect of Integrated Nutrient Management on Growth, Yield Attributes, Yield and Economics of Groundnut (Arachis hypogaea L.) Grown under North Eastern Ghat Zone of Odisha	S. K. Mukhi, N. Bar, S. R. Dash, B. K. Pradhan	-	Mass
	Effect of balanced fertilization and mulching on growth, yield and economics of chilli (Capsicum annum L.) under North Eastern Ghat Zone of Odisha	S.K. Mukhi, P.J. Mishra, N. Bar, A. Khuntia, H. Nayak and C.R. Nayak	-	Mass
Books	-	-	-	-
Book let	Scientific cultivation of black pepper cultivation	S.K.Mukhi and N. Bar	500	500
	Scientific method of vermicompost production training manual	S.K.Mukhi and N. Bar	500	500
News letter	The Kalinga	S.K.Mukhi and N. Bar	500	500
Popular Articles	-	-	-	-
Book Chapter	-	-	-	-
Extension Pamphlets/ literature	Improved method of Papaya cultivation	S.K.Mukhi and N. Bar	500	500
Technical reports	Annual Report 2023-24	S.K.Mukhi and N. Bar	20	20

Electronic Publication (CD/DVD etc.)	Organic Turmeric cultivation	S.K.Mukhi	05	05
	Vegetable cultivation by using polymulch	S.K.Mukhi	05	05
TOTAL			1530	1530

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1	SLREC	SLREC-2024	Dr.N. Bar and Dr. S.K.Mukhi	27-29th May 2024	OUAT, Bhubaneswar
2	Refresher Training programme for Scientist, SMS and PA (Soil Science, Agronomy and Horticulture)	Refresher Training programme for Scientist, SMS and PA (Soil Science, Agronomy and Horticulture)	Dr. S.K.Mukhi	11-12 March, 2025	Department of Soil Science and Agricultural Chemistry and Directorate of Extension Education, OUAT, Bhubaneswar
3	Workshop	Zonal workshop	Dr.N. Bar	27-29th August 2024	OUAT, Bhubaneswar and ICAR , ATARI Zone V, Kolkata
4	Workshop	Workshop on Sciences of Natural Farming	Dr. S.K.Mukhi	14th June 2024	MANAGE, Hyderabad
5	Refresher Training programme for Scientist (Soil Science and Agronomy)	Refresher Training programme for Scientist, SMS and PA (Soil Science and Agronomy)	Dr. S.K.Mukhi	12-13 Feb, 2024	Directorate of Extension Education, OUAT, Bhubaneswar
6	Training	Training/workshop on CFLD Oilseeds and OMV Programme	Mrs. S.Pradhan	18th March, 2025	Nadia KVK, West Bengal
7	Refresher Training programme for Scientist, SMS and PA (Home Science)	New cutting-edge Technology in mushroom sector	Mrs S. Hembram	24-25 February, 2025	AICRP on Mushroom, OUAT, Bhubaneswar
8	Refresher Training programme	Live stock husbandry: A promising avenue for livelihood enhancement	Mrs S. Hembram	6-8 November, 2024	College of Veterinary Science and Animal Husbandry, OUAT, Bhubaneswar
9	Training programme on App Development	Training programme on App Development	Sri D.S. Pradhan PA(Computer)	26th March 2025	Directorate of Extension Education, OUAT, Bhubaneswar

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2 best case(s) with suitable action photographs)

Success story

AN INSPIRATION FOR FARM WOMEN TOWARDS LOW BUDGET AND HIGH PROFIT MUSHROOM FARMING

Mrs. Biruma Digal
Age: 42 years
Village:Bandapanga
Block: Baliguda
Dist.: Kandhamal, State: Odisha

Introduction

Mrs. Biruma Digal, 42 years old is a self-empowered woman, involved in mushroom production from last four years. She resides at Bandapanga village of Baliguda block of Kandhamal district. Before starting mushroom cultivation, she used to do household works and helped her husband in poultry farming. But she was not happy with that due to low income and marketing problem. Then she thought of doing something new that is of low budget and high profit farming. However, lack of technical knowledge, she heeded the advice of a fellow farmer and approached KVK, Kandhamal with the aim of getting technological guidance and to do farming to support her husband, thereby improving her financial and livelihood prospects.

Plan and support

After getting one day training on "Oyster mushroom cultivation" at Krishi Vigyan Kendra, Kandhamal, G.Udayagiri, she started producing oyster mushroom in small scale by getting spawn from KVK. Inspired by her initial success, enduring support from her husband and guidance of KVK scientists, she established a shade-net mushroom production unit in her residence and started producing both paddy straw and oyster mushroom round the year. She has also benefited with various initial inputs required for mushroom cultivation through TSP and other demonstration programme of KVK.

Later she attended a 7 days skill training of rural youth (STRY) programme on Mushroom cultivation during 2023-24 at KVK, Kandhamal and achieved certificate as a Master Trainer in Mushroom cultivation.

Output and outcome

Presently, her average yield increases from 0.5 to 0.9 kg and from 1.5 to 2.5 kg per paddy straw mushroom bed (21 days per cycle) and oyster mushroom bag (60 days per cycle), respectively. Introducing mechanized straw cutting for mushroom cultivation has led to reduced labour, time, and drudgery, with an annual cost saving of Rs. 24,000. Now her earnings from mushroom is about Rs.12,000/- per month and her annual income has now increased to an average of Rs. 1,50,000/-.

Impact

Mrs. Biruma Digal has achieved success as a Mushroom grower and is recognised as a self-driven to profitable farming that provides financial support to her family. Her family's economic and livelihood standard increased by the extra income from mushroom cultivation i.e., Rs 9,000-10,000 per month. Her progress is now providing an inspiration to other farm women and rural youths of that area to take up mushroom cultivation as a profitable agricultural venture. This motivated them to retain and undertake agriculture as a

profession for earning their livelihood. As a Certified Trainer, she also provides training to farm women and rural youths in adjacent villages, urging them to embrace mushroom farming through the assistance of KVK Scientists and experts.

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year **NA**

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs): NA

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Maize + cow pea	1 ha	MEY-81q/ha	10	Y

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Power point Presentation	To conduct training programme
2	Leaflet	To conduct training programme
3	Chart poster	To conduct training programme
4	Specific products (inputs)	To conduct training programme

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Automatic Nitrogen estimation System (KELPLUS) with accessories a. Manoblock Digestion System. b. Acidic Neutralizer Scrubber Unit. c. Automatic Nitrogen Distillation System. d. Electronic Titration System	1
2	Flame Photometer	1
3	Spectro Photometer	1
4	Plant Sample Grinder	1
5	Hot Water Bath	1
6	Horizontal Shaker	1
7	Distilled Water Unit(Stainless Steel)	1
8	Hot Air Oven	1
9	Laboratory Centrifuge	1
10	Microscope(Olympus)	1
11	Microscope(Olympus)Ms-13	1
12	BOD Incubator	1
13	Elico PH Meter	1
14	Conductivity Meter	1
15	Refrigerator	1
16	Electronic Top Pan Balance	1

17	Physical Balance	1
18	Mechanical Stirrer	1
19	Colony Counter	1
20	Hot Plate	1
21	Voltage Stabilizer	1
22	Single Distillation Unit	1
23	Mrida Parikhyak	1

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
345	467	812	2417	23	4060

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Celebration of World Soil Day	74	20	1. Collector and District Magistrate, Phulbani 2. Block Chairman, Phulbani 3. CDAO, Kandhamal 4. DDH, Kandhamal 5. CDVO, Kandhamal 6. PA, ITDA, Phulbani 7. Chief Scientist, AICRP on DLAP, Phulbani 8. PD, Watershed, Phulbani	74	74

3.12. Activities of rain water harvesting structure and micro irrigation system: NA

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials
-	-	-	-	-

3.13. Technology week celebration :

Type of activities	No. of activities	Number of participants	Related crop/livestock technology

Demonstration	03	25	Mize and Strawberry
Awareness programme	02	60	World soil day
Training programme	05	125	Weed management, IPM, INM, use of poly mulch in vegetable cultivation

3.14. RAWE/ FET programme - is KVK involved? (Y/N)

No of student trained	No of days stayed
10	90 days

ARS trainees trained	No of days stayed

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/Zila Sabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
09.06.2024	Dr. Pravat Kumar Roul, Hon'ble VC, OUAT	Campus visit
16.08.2024	Shri Amrit Ruturaj, Collector & District Magistrate, Kandhamal	Campus visit
18.09.2024	Sri Ramakanta Giri, DDH, Kandhamal	Campus visit
22.10.2024	Sri Tusharkanti Samal, CDAO, Kandhamal	Campus visit
14.11.2024	Dr. Sanjiv Kumar Patel, CDVO, Kandhamal	Campus visit
21.11.2024	Sri Subhas Chandra Behera, ADO, G. Udayagiri	Campus visit
26.11.2024	Dr. B.K. Pradhan, Dy. Director Extension Education, OUAT	SAC Meeting
04.12.2024	Dr. Alok Kumar Patro, IFC Unit, OUAT, BBSR	Training
18.12.2024	Dr. P. J. Mishra, DEE, OUAT, BBSR	Campus visit
24.12.2024	Dr. Sangram Swain, Dean, Research, OUAT,	Campus visit

4. IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs. /Unit)	After (Rs. /Unit)
Management of acid soil	75	90	45000	80000
INM in vegetables	105	83	50000	95000
Vermicomposting	300	85	17000	35000
Use of farm machinery	55	50	-	-
Drudgery reducing small implements for women	40	60	-	-

Improved Poultry breeding	60	70	10000	40000
Mushroom cultivation	120	90	16000	65000
Crop diversification	50	65	34750	68300
IWM in different crops	60	45	15000	25000
Introduction of Maize hybrid Kalinga Raj	70	65	30200	45600

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Oyster Mushroom cultivation	55 %
Vermicomposting	75 %
INM in vegetables	72%
IWM in vegetables	65%

Give information in the same format as given below

Name of farmer	Nepal Pradhan
Address	Village: Budedipada, Block -G.Udayagiri
Contact details (Phone, mobile, email Id)	8280881413
Landholding (in ha.)	02.15
Name and description of the farm/ enterprise	Turmeric production, Rice, groundnut cultivation and mushroom cultivation
Economic impact	Earned a total of 3.5 lakh per annum
Social impact	Working as Krushak Sathi and mobilizes the other farmers
Environmental impact	Adopted Natural farming
Horizontal/ Vertical spread	Area expanded in their GP 45 ha
Good quality photographs (2-3)	

4.3. Details of impact analysis of KVK activities carried out during the reporting period

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
	FLD	Farmers adopted the technologies	Knew about new technologies
	Capacity building	Farmers aware about new technologies	Knew about new technologies

	OFT	Farmers accepted the new technologies	Knew about new technologies
	Extension Activities	Farmers knowledge upgraded	Knew about new technologies
	Awareness programme	Farmers knew the impact of new technology	Knew about new technologies
	TSP Activities	Farmers were supplied with small equipments	Knew about new technologies

4.4. Details of innovations recorded by the KVK -No

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Beekeeping
Name & complete address of the entrepreneur	Narottam Pradhan, Village – Sujeli, Block- G.Udayagiri
Role of KVK with quantitative data support:	Technical guidance provided by KVK
Timeline of the entrepreneurship development	One year
Technical Components of the Enterprise	Bee hive, bee colony
Status of entrepreneur before and after the enterprise	Two bee hives enhanced to 04 bee hives
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Easy marketing access of the raw honey in the locality
Horizontal spread of enterprise	20 bee hives

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA	Technical guidance, imparting training programmes
Dept. of Watershed	Technical guidance, imparting training programmes
Dept. of Agriculture and food production	Technical guidance, imparting training programmes, Demonstration
Dept of Horticulture	Technical guidance, imparting training programmes, Demonstration
Dept. of fisheries and animal research development	Technical guidance, imparting training programmes, Demonstration

5.2. List of special programmes undertaken during 2024 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
FPO- OUAT	Strengthening of FPOs in the district	May 2024	OUAT	1.02.000
MIDH	To strengthen horticultural enterprises in the district	April, 2024	Govt. of Odisha	18,00,000
Natural Farming	To promote natural farming in the district	April, 2024	ICAR-ATARI, Kolkata	1,06716
Farmers-scientist interaction programme	To address the agricultural problems raised by the farmers	June, 2024	ATMA, Kandhamal	37,000

(b) Programme for other activities (training, FLD, OFT, Mela, Exhibition etc.)

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Protection of Plant Varieties and Farmers' Rights Act	Awareness about registration of farmers variety	29.03.2025	ICAR-ATARI, Zone -V, Kolkata	2,25,000

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1	Vermicompost	2018-19	24 c.meter	*E. foetida*	Vermicompost	80	37500	160000	
				E. foitida	Vermin	10 kg	2000	5000	
2	Poultry	2015-16	30	Dual purpose	Chicks	5000 nos	116440	123934	
3	Mushroom spawn	2015-16	9	PSM & Oyster	PSM & Oyster spawn	5000 nos	40000	82200	
4	Poly house	2015-16	100	Vegetable & fruits	seedling	80000	24000	120000	
5	Animal Husbandry Unit	2021-22		Duck, poultry, guinea bird, quail bird, turkey	Newly Est.				
6	Azola Unit	2021-22	25	*Azolla Pinnata*	Azolla	2.5	1000	2500	
7	Papaya Unit	2021-22	600	F1-Lunar	Newly Est.				
8	Orhid	2021-22	-	*Vanda cristata*	Newly Est.				

9	Dragon fruit	2021-22	-	*Hylocereus undatus*	Newly Est.				
10	Tissue culture bana	2018-19	-	G-9	-	-	-	-	-
11	Guava	2019-19	-	Bihi	-	-	-	-	-
12	Colour fish breeding	2021-22	-	Gopi and molly	Newly Est.				
13	BGA	2021-22	-	-	Newly Est.				

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Turmeric	14.05.2024	February, 2025	1.5	Roma and Rasmi	TL	165	320750	577500	50% of the produce sold out
Niger	28.08.2024	11.02.2025	1.0	Utkal-Niger 150	FS	2.8	23490	37520	Not processed
Mustard	06.10.2024	18.01.2025	1.5	Sampurna	FS	4.0	22900	38000	Not processed

6.3. Performance of Production Units (bio-agents / bio-pesticides/ bio-fertilizers etc.,) : NA

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	-	-	-	-	-

6.4. Performance of instructional farm (livestock and fisheries production) NA

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	-	-	-	-	-	-	-
2.							
3.							

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
JAN	26	5	
FEB	38	4	
MAR	40	6	
APR	30	2	
MAY	25	2	
JUNE	25	2	
JULY	20	2	
AUG	29	2	
SEPT	26	2	
OCT	15	2	
NOV	15	1	
DEC	45	1	
Total :	334	31	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: Funds not released

No. of staff quarters: 04

Date of completion: Old quarters

Occupancy details:

Months	Q I	Q II	Q III	QIV
April	√	√	√	√

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contingency	SBI	G. Udayagiri	11754367211
Revolving Fund	SBI	G. Udayagiri	11754367222
CFLD Oil seed	SBI	G. Udayagiri	41569759964
Natural farming	SBI	G. Udayagiri	42011867560
CFLD Pulse	SBI	G. Udayagiri	42269730007
RKVY (SDTP & RPL/ upscaling	SBI	G. Udayagiri	42402787033

7.2. Utilization of funds under CFLD on Oilseed *(Rs. In Lakhs)*

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Niger (CFLD)	480000		480000		183750
Mustard & Sunflower (OMV)		1063000		1062512	488

7.3. Utilization of funds under CFLD on Pulses *(Rs. In Lakhs): NA*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	

7.4 Utilization of KVK funds during the year 2024-25 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	150000	150000	150000
3	HRD	30000	30000	14050
4	Contingencies			
A	Stationary, telephone, postage and other exp. on office running			
B	POLs, repair of vehicles, tractor & equipments	240000	240000	240000
C	Meals/ refreshment for residential and non- residential trainings			
D	Training Materials (need based materials and equipments for conducting training)	245000	245000	245000
E	Frontline demonstration	90000	90000	90000
F	On-farm testing(on need based location specific and newly generated information in the major production systems of the area	90000	90000	90000
G	Integrated farming system *(IFS)*			
H	Training on extension functionaries			
I	Extension Activities			
J	Farmers field school			
K	EDP/ Innovative activities			
L	Soil & Water testing & Issue of Soil Health cards			
M	Maintenance of buildings			
N	Library (Purchase of journal, periodicals, News Paper & Magazines)			
O	Swachhta Expenditure			
J	TSP	1500000	1500000	1500000
TOTAL (A)		2345000	2345000	2329050

B. Non-Recurring Contingencies				
1	Library	10000	10000	10000
2	Works (Construction of Farm Road)	993000	993000	993000
3	Development of Soil Lab	215000	215000	215000
4				
TOTAL (B)		1218000	1218000	1218000
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		3563000	3563000	3547050

7.5. Status of revolving fund (Rs. in lakh) for last five years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2020-21	1,44,975	16,87,500	6,38,387.30	11,94,087.70
2021-22	5,35,614	3,54,094	4,95,956	8,23,658
2022-23	8,23,658	7,17,738	5,01,842	7,39,554
2023-24	7,39,554	6,65,639	4,77,643	9,27,550
2024-25	9,27,550	7,65,332	8,93,063	7,99,819

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities : Mushroom production, Jackfruits processing, value addition of mushroom, tomato, mango and finger millet
(iii) Details of marketing channels created for the SHGs: No

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Monitoring	62	Kharif/Rabi-2024-25	32	30	25

8. Other information

8.1. Prevalent diseases in Crops: Nil

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

8.2. Prevalent diseases in Livestock/Fishery: Nil

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training: NO

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	

9.2. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
29.03.2025	05	100	-	-

9.3. *mKisan* Portal (National Farmers' Portal/ SMS Portal)

Type of message	No. of messages	No. of farmers covered
Crop	24	28963
Livestock	0	0
Fishery	0	0
Weather	6	28600
Marketing	0	0
Awareness	7	28915
Training information	0	0
Total	37	28922

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	10944
2.	No. of farmers registered in the portal	6422
3.	Mobile Apps developed by KVK	0
4.	Name of the App	0
5.	Language of the App	0

6.	Meant for crop/ livestock/ fishery/ others	0
7.	No. of times downloaded	0

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
22.6.24/1 day	Campus cleaning and awareness program among Farmer
11.7.24/ 1day	Campus cleaning and awareness programm with school student
12.8.24/1 day	Village road cleaning and debate competition among F/FW
20.9.24/1 day	Cleaning of Farm road
11.10.24/1 day	Village road cleaning and awareness programm
16.11.24/1 day	Campus cleaning and village campus cleaning
09.12.24/1 day	Villages road cleaning and awareness programm

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	0	0
2. Basic maintenance	0	0
3. Sanitation and SBM	12	9200
4. Cleaning and beautification of surrounding areas	28	5600
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	2	4000
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	17	7000
8. Swachhta Workshops		
9. Swachhta Pledge	1	1000
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	50	4000
14. No of Staff members involved in the activities	9	

15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity Audit charges	-	1200
Total	**119**	**32000**

9.6. Observation of National Science Day: Nil

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF Nil

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Arasmin Janata High School	26.09.2024	Vermicomposting	Power point slides

9.9. Details of '*Pre-Rabi Campaign'* / '*Pre-Kharif Campaign'* Programme : Not undertaken

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwada programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Awareness program among student, Institute cleaning, awareness program among Farmer and Farm women, Debate, competition,	12	344	-	-

	Quize				

Please provide good quality photographs:

9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	03	18	220	04	-

Please provide good quality photographs:

9.12. No. of Progressive/ Innovative/ Lead farmer identified (category wise)

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise

9.13. Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	Hostel	15,700	OUAT, ATMA, Kandhamal,
2.	Training Hall	4,000	Natural Farming and ATMA
3.	Guest House	6,800	Spice Board etc.
4	Soil Testing	4,895	-

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	MIDH	Demonstration	Director of Horticulture, GoO	18.0	Yes
2	Natural Farming	Demonstration and Training	ICAR	1.0804	Yes
3	Farmer Scientist Interaction	Farmer Scientist Interaction	CDAO, Kandhamal	0.37	No

9.15. Performance of Automatic Weather Station in KVK : NA

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Kandhamal	Contingent crop plan	Technology week	300	1. Delay by 2 weeks (June 2nd week – June 4th week) : 2. Closer row and plant spacing, In-situ rain water conservation, summer ploughing, interculture, tillage practices, weed control and un bunded uplands converted to bunded uplands 3. Plough and sow the crops across the slope to develop a ridge and furrow type of land configuration for effective soil moisture conservation to overcome drought for longer period 4. Apply full P, K and 20% N of recommended dose along with well decomposed organic matter for early seedling vigor

10. Report on Cereal Systems Initiative for South Asia (CSISA): **NA**
    a) Year:
    b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						

Experiment 3						

Please provide good quality photographs:

11. Details of DAPST/ TSP

a. Achievements of physical output under TSP during 2024

Progress of DAPST for the year 2024 (Jan. to Dec., 2024)

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.	12	12	600	600
	1.2	4-10 days	No.	2	02	10	10
	1.3	2-4 weeks	No.	0	-	-	-
	1.4	More than 4 weeks	No.	0	-	-	-
2	**On Farm Trials (OFTs)**		No.	0	0	0	0
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.	9	9	150	150
4	**Awareness camps, exposure visits etc.**		No.	7	7	140	140
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	1.33	1.33	50	50
	5.2	Seeds (High Value Crops, spices etc.)	kg	0	0	0	0
	5.3	Seeds (Root & Tuber Crops)	tonnes	0			
	5.4	Nursery plants	No.	102000	100000	400	400
	5.5	Cutting , slips, suckers, etc	No.	0	0	0	0
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	4500	3700	180	180
	5.7	Honey Bee Colonies	No.	5	5	5	5
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.	0	0	0	0
	5.9	Animals-small (pig, sheep, goat etc.)	No.	0	0	0	0
	5.1	Poultry chicks / duckling etc	No.	2000	0	20	0
	5.11	Fish Spawns/ fingerlings	No.	0	0	0	0

	5.12	Small equipment's (upto Rs 2000)	No.	1800	2000	360	360
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.	0	0	0	0
	5.14	Large Equipment's / machinery (> Rs. 25000)	No.	0	0	0	0
	5.15	Infrastructure / Civil Works/ Ponds etc	No.	0	0	0	0
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.	0	0	0	0
	5.17	Land development/ Reclamation / Conservation	hectares	1	2.5	-	-
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes	0	0	0	0
	5.19	Micro nutrients	tonnes	0	0	0	0
	5.2	FYM/ Vermicompost	tonnes	1	1.5	10	10
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes	0	0	0	0
	5.22	Plant protection chemicals	kg	10	06	5	5
	5.23	Plant growth Promoter	kg	0	0	0	0
	5.24	Animal Feed	tonnes	1	0.205	10	10
	5.25	Animal Fodder	tonnes	0	0	0	0
	5.26	Animal medicines	doses	0	0	0	0
	5.27	Any other (Liquid PSB etc.)	Litre	0	0	0	0
6	**Services/Facilitation**				0	0	0
	6.1	Animal Health Camps	No.	0			
	6.2	Artificial Insemination / Vaccination	No.	0	0	0	0
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.	0	0	0	0
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.	1000	822	1500	2200
	6.5	Promotion of agri-entrepreneurship	No.	15	1	10	1
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.	0	0	0	0
	6.7	Creation of market links of farm produces	No.	0	0	0	0
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours	0	0	0	0
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.	0	0	0	0
7	**Distribution of Literature**		No.	1500	1500	1500	1500

8	**Employment generation for livelihood**	(Man-months)	0	0	0	0
9	**Fellowship, Stipends or Scholarship**	No.	0	0	0	0
10	**Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable**	No. of projects	0	0	0	0
11	**Monitoring & Evaluation of DAPSC/ST (upto 3%)**		0	0	0	0
12	**Any other (specify)**		0	0	0	0

b. Fund received under TSP in 2024-25 (Rs. In lakh): 14.98800

12. Details of DAPSC/ SCSP : NA

a. Achievements of physical output under SCSP during 2024

Progress of DAPSC for the year 2024 (Jan. to Dec., 2024)

Name of KVK						
Sl.No.	*Item/Activity*		*Units*	*Targets/Achievements*		*No. of Beneficiaries*	
				Annual Targets	*Achievements*	*Annual Targets*	*Achievements*
1	Trainings (Capacity building/ Skill Development etc.)		No.				
	1.1	1-3 days	No.				
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	On Farm Trials (OFTs)		No.				
3	Front Line Demonstrations (FLDs) and other demonstrations		No.				
4	Awareness camps, exposure visits etc.		No.				
5	Input Distribution						
	5.1	Seeds (Field Crops)	Tonnes				
	5.2	Seeds (High Value Crops, spices etc.)	kg				

	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.				
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
	5.9	Animals-small (pig, sheep, goat etc.)	No.				
	5.1	Poultry chicks / duckling etc	No.				
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
	5.14	Large Equipment's / machinery (> Rs. 25000)	No.				
	5.15	Infrastructure / Civil Works/ Ponds etc	No.				
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
	5.17	Land development/ Reclamation / Conservation	hectares				
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
	5.19	Micro nutrients	tonnes				
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg				
	5.23	Plant growth Promoter	kg				
	5.24	Animal Feed	tonnes				
	5.25	Animal Fodder	tonnes				
	5.26	Animal medicines	doses				
	5.27	Any other (Liquid PSB etc.)	Litre				
6	Services/Facilitation						
	6.1	Animal Health Camps	No.				
	6.2	Artificial Insemination / Vaccination	No.				
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				

	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.				
	6.5	Promotion of agri-entrepreneurship	No.				
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				
	6.7	Creation of market links of farm produces	No.				
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	Distribution of Literature		No.				
8	Employment generation for livelihood		(Man-months)				
9	Fellowship, Stipends or Scholarship		No.				
10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable		No. of projects				
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)						
12	Any other (specify)						

b. Fund received under SCSP in 2024-25 (Rs. In lakh):Nil

13. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA) : NA

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC	ST		Other			Total		
		M	F	M	F	M	F	M	F	T

Detailed report should be provided in the circulated Performa

Technology (ies) popularized/ scaled up during the year

a)
b)
c)

14. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	Nil	2024	-	0	-

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	OUAT Farmers fair	Nepal Pradhan	2024-25	OUAT	0	Best farmer award under IFS category

15. Any significant achievement of the KVK with facts and figures as well as quality photograph

16. Number of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated) : NA

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
-	-	-	-	-	-	-	-	-

17. Integrated Farming System (IFS)
Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
-	-	-	-	-	-	-	-

18. Information on Visit of Ministers to KVKs, if any (Please provide good quality photographs)

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
-	-	-	-

19. a) Information on ASCI Skill Development Training Programme, if undertaken during 2024 : Nil

Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants						Whether uploaded to SIP Portal (Y/N)	Fund utilized for the training (Rs.)
				SC		ST		Other			
				M	F	M	F	M	F		

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2024

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
-	-	-	-	-	-	-	-	-	-	-	-	-

20. Information on NARI Project (if applicable) : NA

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project
-	-	-	-	-	-	-

21. Any other programme organized by KVK, not covered above

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	Live viewing of first episode of Krishi Choupal	07.12.2024	KVK	Awareness about the channel	40
2	Vigilance awareness week	28th October-3rd November, 2024	KVK	Awareness	60
3	Celebration of PM KISAN Flagship programme	18.06.2024	KVK	Release of 17th instalment	40
4	District level launching programme for FPOs	23.10.2024	KVK	Strengthening of FPO	100
5	Live Telecast of Nationwide launch of NPSS	15.08.2024	KVK	Live Telecast	30

22. Good quality action photographs of overall achievements of KVK during the year (best 10)







Sd\-
Senior Scientist & Head
KVK, Kandhamal