ANNUAL PROGRESS REPORT

(January 2024 to December 2024)

KRISHI VIGYAN KENDRA
RAYAGADA
ODISHA

Odisha University of Agriculture & Technology
Bhubaneswar -751003
Odisha

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 AT/PO- Gunupur Dist.: Rayagada (Odisha) Pin – 765022	06857 - 250255	06857 -250255	kvk.rayagada@ouat.ac.in kvkrayagada.ouat@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Directorate of Extension Education Odisha University of Agriculture and Technology Bhubaneswar – 751003 State-Odisha	0674-2397362	0674-2397933	dee@ouat.ac.in deanextensionouat@yahoo.com deanextension_ouat@rediffmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. (Mrs.) Susmita Mohanty	Bebarta Sahi At/PO- Gunupur District- Rayagada	9937789325	susmitamohant46@gmail.com

1.4. Year of sanction of KVK: March 2005

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. (Mrs.) Susmita Mohanty	Senior Scientist& Head	Home Science	Basic 166400	07.07.2023(F.N)	Permanent	Others
2	Subject Matter Specialist	Mr. Rajib Tudu	SMS	Plant Protection	Basic: 65000	15.11.2018 (F.N)	Permanent	ST
3	Subject Matter Specialist	Dr. Naram Ramu	SMS	Agronomy	Basic: 65000	15.07.2023 (F.N)	Permanent	Others
4	Subject Matter Specialist	Mrs. Madhumita Sarangi	Scientist	Home Science	Basic: 68800	31.05.2021 (FN)	Permanent	Others
5	Subject Matter Specialist	Vacant						
6	Subject Matter Specialist	Vacant						
7	Subject Matter Specialist	Vacant						
8	Programme Assistant	Mr. Parimal Tarai	Programme Assistant	Seed Science and Technology	Basic: 44900	1.01.2016 (FN)	Permanent	SC
9	Computer Programmer	Mrs. Sumitra Mohanty	Programme Assistant (Computer)	Computer Application	Basic:60400	19.01.2006(FN)	Permanent	Others
10	Farm Manager	Vacant						
11	Accountant / Superintendent	Vacant						
12	Stenographer	Mrs. Gitanjali Das	Junior Steno-cum-Computer Operator	Arts and Stenography	Basic:28700	19.03.2019 (FN)	Permanent	SC
13.	Driver	Mr. Jagannath Pradhan	Driver-cum-Mechanic	Arts	Basic: 27600	21.07.2015 (FN)	Permanent	ST
14.	Driver	Mr.Gopinath Kuanr	Driver-cum-Mechanic	Arts	Basic: 27600	04.06.2021 (FN)	Permanent	SC
15.	Supporting staff	Mr. Gajendra Pradhan	Peon-cum-Watchman	-	Basic:22200	04.08.2022 (FN)	Permanent	OBC
16.	Supporting staff	Vacant						

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.7
2.	Under Demonstration Units	0.5
3.	Under Crops	6.3
4.	Orchard/Agro-forestry	2.5
5.	Others with details	1.5
	Total	12.5 ha

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	Complete d up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					Totally completed on 2008		Under use (needs to be renovated)	ICAR
2.	Farmers Hostel					Totally completed on 2011		Under use (needs to be renovated)	RKVY
3.	Staff Quarters (6)	Not yet started							
4.	Piggery unit	Not yet started							
5	Fencing					Not completed			RKVY
6	Rain Water harvesting structure	Not yet started							
7	Threshing floor					Totally completed		Under use	ICAR
8	Farm godown	Not yet started							
9.	Dairy unit	Not yet started							

10.	Poultry unit					Completed on 2010		Under use (needs to be renovated)	RKVY
11.	Goatary unit	Not yet started							
12.	Mushroom Lab					Totally completed		Under use	RKVY
13.	Mushroom production unit	Not yet started							
14.	Shade house					Totally completed		Under use	RKVY
15.	Soil test Lab	Not yet started							
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
Tractor	2023	750000	482 hr.	Functioning
Renault Triber	2021	800000	43348 km	Functioning
Two wheeler : Passion Pro	2010	52600	16665 km	Functioning

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Equipment's of soil lab	2017	1700000	Not started	ICAR
Mushroom Spawn Unit	2010	250000	Working	RKVY
b. Farm machinery				
Power Tiller	2017	193000	Working	ICAR
Tractor	2022	750000	Working	ICAR
c. AV Aids				

Laptop	2018	49500	Working	ICAR
Desktop Computer	2018	49500	Working	ICAR
LED TV	2017	38691	Working	ICAR
LED Projector	2017	22000	Working	ICAR
Display Board	2017	8000	Working	ICAR
White Board	2017	4800	Working	ICAR
Desktop Computer	2021	40000	Working	ICAR
Projector	2022	68930	Working	ICAR
Camera	2022	35000	Working	ICAR
Printer	2022	37862	Working	ICAR
LCD (BenQ motorized) projector screen	2023	12176	Working	ICAR
Printer	2023	12500	Working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Pump set	2017	24525	Working	ICAR
Self-propelled Rice Transplanter	2017	194291	Working	ICAR
MB Plough	2017	25000	Working	ICAR
Disc Plough	2017	25000	Working	ICAR
Cultivator	2016	22000	Working	ICAR
Leveller	2017	11000	Working	ICAR
Brush cutter	2017	24150	Working	ICAR
Digger	2024	10992	Working	ICAR
Chain Saw	2024	5999	Working	ICAR
Foot Sprayer	2024	19500	Working	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.	16.02.2024	31	Organic management as well as ITK practices may be tested in addition to chemical one for FLDs and OFTs of Plant Protection discipline.	• Brinjal plot with organic management of disease pest has been trialed in crop cafetaria at KVK campus. • Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita is continuing in 7 locations covering 3 villages (Rupapadar, Ghanatri, Gugurpang). • No. of trainings conducted (Disease pest management using broad spectrum botanicals) – 3 No. of Villages covered -5 Nos. of farmers and farm women covered-82	-
			Training on management of backyard poultry should be imparted in convergence mode with line department to farmers and farm women, CIGs and SHGs for better output.	• In addition to demonstration on backyard poultry of different dual purpose breed (Vanaraj, Kadaknath, Vezaguda, RIR), training on feed management housing management and disease management has been conducted in convergence with district department. • Poultry demo unit with different breeds is maintained at KVK campus for visiting farmers& farmwomen. • Awareness is created on Govt. schemesattached to poultry rearing for income enhancement of farmers, farm women and SHGs. • Poultry rearing as income generating activities for SHGs &No of trainings conducted- 2 No. of villages covered- 17 No. of farmers and farm women covered- 163	-
			Demonstration on Crossandra cultivation should be taken up as an income generating activity for farmers,	• Awareness programme on cultivation of Crossandra as income generating activity for SHG & farm women arranged in different villages of Kuturu, Khadasi, Sinjamguda, Gunupur, Putasing, Pradhaniguda. • Training on scientific cultivation of Crossandra with emphasis on it' spost harvest handling for higher profitis also arranged in Khadasi& Srirampur	-

			farm women and SHGs.	involving farmers, farm women and SHG group . • Exposure of SHGs women to Crossandra field of Mr. B. Krishna of Gunupur and Mr. K. Siba Kumar of village Kuturu also has been conducted. No. of trainings conducted- 3 SHGs covered- 4 No. of villages covered: 7	
			KVK is suggested to go for diversification in thematic areas for its mandatory activities. .	• Availability of 3 nos. of scientists i.e Plant Protection, Agril. Extension, Agril. Engineering has limited the coverage of diversified thematic areas in OFT FLD (fishery, livestock). • However training has been conducted in multifarious theme in liasoning with district departments and resources from ring partners. • With posting of scientist from Livestock management, Fishery, Horticulture and Soil Science discipline KVK will be able to cover diversified field in agriculture and allied sector.	-
			For higher adoption of IFS unit by farming communities in district, exposure visit of farmers to model IFS units may be placed in action plan.	• IFS units has been maintained at farmers field with regular technological support, guidance and supervision of KVK scientists. • In addition to it training programme on scientific management of IFS and a number of awareness programme also been conducted covering different blocks to increase knowledge of the farmers& farm women and motivate them for adoption of IFS units in higher scale. • Exposure visit of 25 nos. of farmer is also been organized to model IFS units at Ramanaguda and Gunupur. No. of trainings conducted- 8 Farmers and farm women covered- 224 No. of villages covered- 8 (Srirampur, Tikarpada, Kuturu, Rupapadar, Pradhaniguda, Khilapadar, Omding and Laxmipur, Gumuda).	-
			Demonstration on	• Demonstration on triple resistant tomato hybrid Arka Samrat conducted	

			cultivation of Arka Samrat should be conducted for its higher yield.	at 4 location during Rabi,2022-23. • Seedlings of this variety has been supplied to farmers and farm women under TSP programme during kharif and Rabi, 2023-24. • In convergence with IIWM, farmers and farm women of Khaira village has been technologically supported for cultivation of this variety. • However on demand of the farmers/ farm women, KVK will supply the seedlings of triple resistant tomato hybrid Arka Samrat. No. of trainings conducted- 2 Farmers and farm women covered- 120 No. of villages covered- 12	
			Farmers, farm women, rural youth and SHGs should be trained on income generating activities suitable to local condition.	• Training on vermin compost preparation, honey bee rearing, mushroom cultivation, value addition of millet, floriculture, backyard poultry rearing has been taken up on regular basis under income generating activities. • During 2024 a number of programme will be conducted on value addition on tamarind, cashew apple, pine apple, jack fruit etc. No. of trainings conducted- 16 Farmers and farm women covered- 750 No. of villages covered- 23	-
			More numbers of capacity building programme on mushroom cultivation and its post harvest management should be carried out.	• As per the approved action plan KVK is approaching to cover maximum blocks through cultivation of both paddy straw and oyster mushroom. • It is the only institution in the district who is making availability of quality spawn throughout the year. • During 2023-24, trainings on mushroom cultivation with emphasis on spawn production and post harvest management conducted in convergence with different institutions. • This year with availability of RKVY funding skill training will be imparted enrolling beneficiaries from 11 blocks. No. of trainings conducted- 16 Farmers and farm women covered- 2127	-

				No. of villages covered- 54	
			Ongoing and upcoming events of KVK activities should be uploaded regularly.	• Ongoing activities are being uploaded regularly in KVK website and ICAR portal. • Training calendar is also uploaded for prior information on upcoming training schedule. However care has been taken for uploading the upcoming event.	-
			Impact on successful technologies has to be documented and communicated to district for references.	• Documentation of success stories of farmers through KVK intervention is a regular mandatory activity. Example of doubling farmers income (110 nos.) has been documented and communicated to ICAR-ATARI, Kolkata. • During SAC meeting we are also presenting some success in farmers' field through adoption of scientific practices.	-

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants

PROCEEDINGS OF THE 19th SCIENTIFIC ADVISORY COMMITTEE MEETING OF KRISHI VIGYAN KENDRA, RAYAGADA, GUNUPUR.

The 19th Scientific Advisory Committee meeting of KVK, Rayagada was held at 11 AM on dt.16.02.2024 in offline-online mode at KVK instructional farm, Gunupur under the Chairmanship of Dean Extension Education Prof. Prasannajit Mishra, Directorate of Extension Education, O.U.A.T, Bhubaneswar & Dr. P.K Mohanty, Deputy Director, DEE participated in the meeting as Co-Chairman. Dr. K. S. Das, Principal Scientist, ICAR- ATARI, Kolkata attended the meeting.

After an introductory remark on agro-scenario of the district, Chairman briefed participants about the importance of the meeting and participation of the members. Then he asked Sr. Scientist & Head to start the proceedings as per the agenda.

Agenda – 1: Approval of the proceedings of last SAC meeting.

The Senior Scientist & Head stated that the proceedings of last SAC meeting were circulated to all the members. He also presented the proceedings in brief. The Chairman taking the consent of the house approved the proceedings.

Action taken on the proceedings of the last (18th) SAC meeting.

The Senior Scientist & Head presented the actions taken by the KVK on the recommendation of the last SAC meeting as follows:-

Salient recommendations of last (18th) SAC and action taken.

Sl. No.	Recommendation of last year SAC meeting	Action Taken
1.	Organic management as well as ITK practices may be tested in addition to chemical one for FLDs and OFTs of Plant Protection discipline.	• Brinjal plot with organic management of disease pest has been trialed in crop cafetaria at KVK campus. • Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita is continuing in 7 locations covering 3 villages (Rupapadar, Ghanatri, Gugurpang). • No. of trainings conducted (Disease pest management using broad spectrum botanicals) – 3 No. of Villages covered -5 Nos. of farmers and farm women covered-82
2.	Training on management of backyard poultry should be imparted in convergence mode with line department to farmers and farm women, CIGs and SHGs for better output.	• In addition to demonstration on backyard poultry of different dual purpose breed (Vanaraj, Kadaknath, Vezaguda, RIR), training on feed management housing management and disease management has been conducted in convergence with district department. • Poultry demo unit with different breeds is maintained at KVK campus for visiting farmers& farmwomen. • Awareness is created on Govt. schemes attached to poultry rearing for income enhancement of farmers, farm women and SHGs. • Poultry rearing as income generating activities for SHGs &No of trainings conducted- 2 No. of villages covered- 17 No. of farmers and farm women covered- 163
3.	Demonstration on Crossandra cultivation should be taken up as an income generating activity for farmers, farm women and SHGs**.**	• Awareness programme on cultivation of Crossandra as income generating activity for SHG & farm women arranged in different villages of Kuturu, Khadasi, Sinjamguda, Gunupur, Putasing, Pradhaniguda. • Training on scientific cultivation of Crossandra with emphasis on it'spost harvest handlingfor higher profitis also arranged in Khadasi& Srirampur involving farmers, farm women and SHG group .

		• Exposure of SHGs women to Crossandra field of Mr. B. Krishna of Gunupur and Mr. K. SibaKumar of village Kuturu also has been conducted. No. of trainings conducted- 3 SHGs covered- 4 No. of villages covered: 7
4.	KVK is suggested to go for diversification in thematic areas for its mandatory activities. .	• Availability of 3 nos. of scientists i.e Plant Protection, Agril. Extension, Agril. Engineering has limited the coverage of diversified thematic areas in OFT FLD (fishery, livestock). • However training has been conducted in multifarious theme in liasoning with district departments and resources from ring partners. • With posting of scientist from Livestock management, Fishery, Horticulture and Soil Science discipline KVK will be able to cover diversified field in agriculture and allied sector.
5.	For higher adoption of IFS unit by farming communities in district, exposure visit of farmers to model IFS units may be placed in action plan.	• IFS units has been maintained at farmers field with regular technological support, guidance and supervision of KVK scientists. • In addition to it training programme on scientific management of IFS and a number of awareness programme also been conducted covering different blocks to increase knowledge of the farmers& farm women and motivate them for adoption of IFS units in higher scale. • Exposure visit of 25 nos. of farmer is also been organized to model IFS units at Ramanaguda and Gunupur. No. of trainings conducted- 8 Farmers and farm women covered- 224 No. of villages covered- 8 (Srirampur, Tikarpada, Kuturu, Rupapadar, Pradhaniguda, Khilapadar, Omding and Laxmipur, Gumuda).
6.	Demonstration on cultivation of Arka Samrat should be conducted for its higher yield.	• Demonstration on triple resistant tomato hybrid Arka Samrat conducted at 4 location during Rabi,2022-23. • Seedlings of this variety has been supplied to farmers and farm women under TSP programme during kharif and Rabi, 2023-24. • In convergence with IIWM, farmers and farm women of Khaira village has been technologically supported for cultivation of this variety.

		• However on demand of the farmers/ farm women, KVK will supply the seedlings of triple resistant tomato hybrid Arka Samrat. No. of trainings conducted- 2 Farmers and farm women covered- 120 No. of villages covered- 12
7.	Farmers, farm women, rural youth and SHGs should be trained on income generating activities suitable to local condition.	• Training on vermin compost preparation, honey bee rearing, mushroom cultivation, value addition of millet, floriculture, backyard poultry rearing has been taken up on regular basis under income generating activities. • During 2024 a number of programme will be conducted on value addition on tamarind, cashew apple, pine apple, jack fruit etc. No. of trainings conducted- 16 Farmers and farm women covered- 750 No. of villages covered- 23
8.	More numbers of capacity building programme on mushroom cultivation and its post harvest management should be carried out.	• As per the approved action plan KVK is approaching to cover maximum blocks through cultivation of both paddy straw and oyster mushroom. • It is the only institution in the district who is making availability of quality spawn throughout the year. • During 2023-24, trainings on mushroom cultivation with emphasis on spawn production and post harvest management conducted in convergence with different institutions. • This year with availability of RKVY funding skill training will be imparted enrolling beneficiaries from 11 blocks. No. of trainings conducted- 16 Farmers and farm women covered- 2127 No. of villages covered- 54
9.	Ongoing and upcoming events of KVK activities should be uploaded regularly.	• Ongoing activities are being uploaded regularly in KVK website and ICAR portal. • Training calendar is also uploaded for prior information on upcoming training schedule. However care has been taken for uploading the upcoming event.

10.	Impact on successful technologies has to be documented and communicated to district for references.	• Documentation of success stories of farmers through KVK intervention is a regular mandatory activity. Example of doubling farmers income (110 nos.) has been documented and communicated to ICAR-ATARI, Kolkata. • During SAC meeting we are also presenting some success in farmers' field through adoption of scientific practices.

Agenda-2: Achievements made by the KVK:

The Sr. Scientist &Head presented the overall achievements made by the K.V.K during the period Rabi- 2022-23 & Kharif-2023 & Rabi-2023-24 and action plan for 2024-25.

Summary of achievements forRabi- 2022-23 and Kharif-2023

1. **Trainings**-KVK has conducted 45 nos. of trainings for practicing farmers and farmwomen, 12 nos. of rural youth trainings and 4 nos. of in-service trainings involving 1390 nos. of beneficiaries.
2. **On Farm Testing**–A total of 6 nos. of OFTs were conducted on assessment. of weed management in onion,assessment of poultry breed in backyard, assessment of different planting times for better market price of tomato, assessment of medium duration rice varieties under rainfed condition, assessment of sucking pest management in chilli, assessment of humidity management in paddy straw mushroom production involving38 nos. of farmers and farm women during Rabi- 2022-23 & Kharif-2023.
   - In assessment of weed management in onion TO_1 **:** Application of oxyflurofen 23.5 EC @ 2 ml/lt with one manual weeding at 40-60 DAT weed population reduced 63% and WCE increased72.88% over farmers' practice.
   - In assessment of poultry breed in backyard TO_1- Backyard rearing of Poultry breed "RIR" recorded increase in meat 117.7% followed by Poultry breed "Vezaguda"98.6% higher yield over farmer's practice.
   - In assessment of different planting times for better market price of tomato. TO_2- Planting of seedlings 1 month after completion of normal planting period,resulted higher BC ratio 4.47 than normal planting time followed by farmers i.e planting in the month of November with BC ratio of 4.09.
   - Inassessment of medium duration rice varieties under rainfed conditionTO_1- Kalinga Dhan 1203 recorded 11.2% higher yield than FP var. MTU 1001with BC ratio 1.69.

- While assessing sucking pest management in chilli TO_2-Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliar spraying of Spiromesifen 22.9% SC @ 0.8 ml/ llt of water twice at 30 and 45 DATproved to be more effective thanTO_1- Foliar spray of Spiromesifen 22.9% SC @400 ml/ha &89% reduction in pest infestation over FP is also recorded.

- In assessment of humidity management in paddy straw mushroom production. TO_2- Mushroom production by using bundled paddy straw substrate (3 layers) with Installation of Fogger and hanging of folding type of Gunny bag outside the shade net resulted highest mushroom i.e 0.8 kg / bed with BC ratio of 2.4 in comparison to FP with mushroom yield 0.35 kg/bed & BC ratio of 1.26.

3. **Front Line Demonstration**- KVK has conducted 10 nos. of FLDs i.e demonstration of HYV Ragi var. Arjuna, demonstration on weed management in Maize, demonstration on sheath blight management in rice,demonstration on pod borer management in pigeon pea,demonstration on nutritional garden for Improving Nutritional Security of farm family,demonstration on integrated weed management in groundnut, demonstration on INM in Blackgram, demonstration on collar rot management in groundnut, demonstration on backyard poultry breed Sonali & demonstration on scientific honey bee rearing.

- In demonstration of HYV Ragi var. RP-.Arjuna gives 37.6 % more yield than farmers existing variety Budha mandia and higher BC ratio 1.67 as compared to FP is 1.33.

- In demonstration on weed management in Maize, RP-Pre-emergence application of Atrazine 50 % wp @1.0 kg ai/ha followed by Tembotrione 287.5 ml/ha at 21 DAS (4-5 leaf stage) + one hand weeding at 40DASresulted in 31% decrease in weed density in demo. plot as compared to FP as well as increase of BC ratio from 1.38 to 1.68.

- Approx. 27% reduction in control of sheath blight as well as 31% higher yield was recorded over farmers' practice in RP- Spraying of the combination fungicide Azoxystrobin+ Difenoconazole @ 1ml./l. twice at 15 days interval starting from initiation of the infection in demonstration on sheath blight management in rice.

- In demonstration on pod borer management in pigeon pea, RP- Maize as border crop, installation of pheromone traps & helilure @ 20 nos./ha, Spraying of Azadiractin 0.15% at 50% flowering followed by Flubendiamide 48SC at pod formation stage and Bt at 15 days intervals gives 39.13% more yield and increase in BC ratio from 1.86 to 2.24 than farmers practice.
- In demonstration on nutritional garden for Improving Nutritional Security of farm family RP-Nutritional Gardening in proper lay out involving vegetables(Spinach, Amaranthus, Coriander, Green peas, Carrot, Broccoli, Radish, Tomato, Onion, Cowpea, cucurbits and one

drumstick) and fruits (Two Papaya Plants, One Lime and two Banana) for getting available nutrition year round recorded 75.7% increase in daily intake of vegetable/day /head and increase in BC ratio to 2.05 in comparison to FP with BC ratio1.6.

- To address the problem of collar rot incidence in ground nut through seed treatment with (Carboxin 37.5% + Thiram 37.5 %) @ 2.5 g/kg seeds and alternate spraying with Chlorothalonil 75% WP @ 1.5 g/L and Carbendazim 2 g/L at 15 days interval resulted 69% reduction in disease instances and 31.09% increase in yield.

- In demonstration on integrated weed management in groundnut, pre-emergence application of pendimethalin 30% + imazethyper 2%@1.0 kg/ha ready mix fb post emergence application of quizalfop-p-ethyl @50g/ha at 20 DASgives 19.7 % more yield than farmers' practice and it has higher BC ratio 1.95 as compared to FP is 1.73.

- In demonstration on INM in Blackgramuse of soil test based fertilizers application+ organic integration (FYM @ 5t/ha or vermicompost 2.5t/ha) + seed inoculation of Rhizobium @1.25kg/25 kg of seed.resulted17.85 % more yield than farmers' practice and it has higher BC ratio of 1.74 as compared to FP is 1.62.

- In demonstration on scientific honey bee rearing with *Apisceranaindica* RP -Regular and periodic bottom board cleaning, maintaining healthy and populous colony, regular and periodic dearth feeding, removal of old combs and allowing new comb construction, need based brood comb alteration and need based colony union or division fetched an additional income of Rs. 3600.00 / box/ year to the farmer & farmwomen.

- Demonstration on Poultry in backyardabout 62% increase in meat and 51% increase in egg is recorded in poultry breed Sonali in comparison to local breed

Other Extension Activities:-

Sr. Scientist & Head indicated that apart from the regular demonstration and training activities, KVK has also conducted 1111 nos. of extension activities covering about 64306 nos of beneficiaries which includes field days, kisan melas, soil testing campaign, diagnostic field visits, Kissan gosthi, Radio & TV talk, Ex-trainees sammelon etc.

Cluster Front Line Demonstration:

Cluster Demonstration on Pigeon pea var, LRG-52 was conducted in 40 ha. area covering 100 nos. of beneficiaries. Improved package of practices has been demonstrated for increasing the productivity of Pigeon pea var. LRG-52 during Kharif 2023. Average yield obtained is 12.1 q/ha as compared to 8.2 q/ha in farmers' practice.

Cluster Demonstration on Groundnut was conducted in 20 ha. area enrolling 50 nos. of beneficiaries. Improved package of practices has been demonstrated for increasing the productivity of Groundnut var. Smruti (OG 52-1) & var. Nithya Haritha during rabi 2022-23 & Kharif 2023 with an average yield of 19.8 q/ha and 19.7 q/ha respectively as compared to 14..6 q/ha and 14.5 q/ha in farmers practice .

Agenda-3: Action Plan, 2024-25

1. **Training**-The Sr. Scientist & Head presented the detailed action plan of KVK for the year 2024-25 which includes 54 nos. of F/FW training programmes, 12 nos. of RY trainings 06 nos. of IS trainings covering 1590 nos. beneficiaries.
2. **On Farm Testing**-Total 6 nos. of OFTs will be conducted viz. assessment of medium duration rice varieties under rainfed condition, assessment of high yielding varieties of sesame, assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita, assessment of Brinjal fruit and shoot borer management**,** assessment of humidity management in paddy straw mushroom production & assessment of processing and packaging methods of Jackfruit.
3. **Front Line Demonstration-** In a total 12 nos. of FLD will be conducted viz.demonstration on weed management in maize,demonstration of high yielding fodder varieties for round the year production, demonstration on Integrated Nutrient Management in Cabbage, demonstration on integrated weed management in groundnut, demonstration on sucking pest management in chilli,demonstration on fruit borer management in okra, demonstration on Anthracnose disease management in Mango, demonstration on collar rot management in groundnut,demonstration of nutritional garden for Improving Nutritional Security of farm family,demonstration on preparation of value added product from Tamarind, demonstration on brooding management in chicks, demonstration of oyster mushroom *Blue oyster* in winter.

Agenda 4 Areas of improvement in KVK for enhancing its performance

- Shortage of scientific staff especially scientists (Horticulture and Animal Science) & farm manager limiting efficiency to carry out mandatory activities and year round seed production programme.
- There is a need ofapprox. 800 rmt. of boundary wallin seed production unit to prevent entry of stress passing animals to seed production unit.
- Continuous flow of iron water is a problem for maintenance of crop cafeteria and demo units in instructional farm
- There is need of fund for pond based IFS unit and infrastructure development.

Suggestion of members:

Following action points were suggested by members of the SAC:

- KVK should give emphasis on drought tolerant varieties in demonstrations.
- Cropping map focused on crop diversification is to be prepared block wise.
- The cost of fogger and shade net has to be added to cost of cultivation yearly basis during assessing OFT on humidity management of paddy straw mushroom.
- Varieties suitable under perennial fodder cultivation are to be demonstrated. Super napier can be placed in crop cafeteria.
- Farmers and farmwomen should be trained on brooding management of day old chicks with supply of chicks under TSP programme.
- Block wise soil map and training on soil health management may be supported by KVK.
- SHGs may be trained on value addition of tamarind &anola for income generation.
- More and more villages are to be covered in paddy straw mushroom training programme.
- Strawberry cultivation may be introduced in district through KVK activity.
- Awareness programme on Kissan App and e-NAM App may be arranged for farmers and farmer women.
- More nos. of farmers are to be registered under Kisan Sarathi portal.

21.05.2024

Sr. Scientist & Head
K.V.K, Rayagada

Annexure: I

Members participated in the 19th SAC Meeting on Dt.16.02.2024

Sl No	Name	Designation and address	Status
1	Prof. P.J. Mishra	Dean, DEE, OUAT, Bhubaneswar	Chairman
2	Dr. P.K. Mohanty	JD, UEBP, DEE, OUAT, Bhubaneswar	Co- Chairman
3	Dr. K.S.Das	Principal Scientist , ICAR, ATARI,Zone-V,Kolkata	Member
4	Dr. R. Devrajan	IISWC, Koraput	Member
5	Mr. Manoj Pradhan	CDAO-cum-PD ATMA, Rayagada	Member
6	Mr. Dayanidhi Rout	DDH, Rayagada	Member
7	Mr. Hadibandhu Bhoi	CDVO, Rayagada	Member
8	Dr. Gyanaloka Das	ADR, RRTTS, Kandhamal	Member
9	Mr. Santosh Ku. Samal	DDM, NABARD	Member
10	Purnapriya Saura	AFO, Gunupur	Member
11	Dr. Dayanidhi Bag	PD, watershed	Invitee
12	Brundaban Behera	ADO, Gunupur	Invitee
13	Jagannath Bindhani	ADH, Gunupur	Invitee
14	Satyabrata Sahu	AHO, Gunupur	Member
15	Ramakanta Mohapatra	PA, ITDA	Member
16	Dalapati Karjee	Secretary RMC	Member
17	Dharmaraj Samal	Soil Conservation Overseer	Member
18	Sushama Prasadi	CDPO, Gunupur	Member
19	Tanmaya Mohapatra	Assistant Field Officer, WOTR	Member
20	Niladri Sabara	Farm women	Member
21	Jayanti Nimalu	Farm women	Member
22	Chandra Shekhar Sabara	Farmer	Member
23	Raghunath Gamango	Farmer	Invitee
24	Bibhu Prasad Satpathy	Reporter, Dainika Asha	Invitee
25	Mr. Sanjib Ku. Mandi	SMS (Agro.)	Member
26	Narayana Sabara	President, FPO	Member convener
27	Dr.(Mrs) Susmita Mohanty	Sr. Scientist & Head, K.V.K., Rayagada	

Others attended the SAC meeting

1	Mr. Rajib Tudu SMS(Plant Protection.),KVK, Rayagada
2	Dr. NaramRamu SMS(Agro.),KVK, Rayagada
3	Miss. Himadri Bag. Scientist (Agrometrology)
4	Mr. ParimalTarai, Programme Assistant

21.05.2024

Sr. Scientist & Head
K.V.K, Rayagada

ଗୁଣପୁର ଠାରେ ଉନବିଂଶ ବୈଜ୍ଞାନିକ ଉପଦେଷ୍ଟା ମଣ୍ଡଳୀ ବୈଠକ ଅନୁଷ୍ଠିତ ।

16 FEBRUARY 2024 HITS: 132 RATING: ★ ★ ☆ ☆ ☆

ଗୁଣପୁର : ୧୬/୨/୨୪ : ଆଜି କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର ଗୁଣପୁର ଠାରେ ଉନବିଂଶ ବୈଜ୍ଞାନିକ ଉପଦେଷ୍ଟା ମଣ୍ଡଳୀ ବୈଠକ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ଉକ୍ତ ବୈଠକରେ ଡଃ.ପ୍ରସନ୍ନ କୁମାର ମହାନ୍ତି (ଡେପୁଟି ଡାଇରେକ୍ଟର ଅଫ୍ ଏକ୍ସଟେନସନ, ଓୟୁଏଟି, ଭୁବନେଶ୍ୱର) ଅଧ୍ୟକ୍ଷତା କରି କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର ଆହୁରି କିପରି ଲୋକାଭିମୁଖୀ ହୋଇପାରିବ ଓ କୃଷକ ମାନଙ୍କ ଆୟ କିପରି ଦ୍ୱିଗୁଣିତ ହେବ ସେ ବିଷୟରେ ପରାମର୍ଶ ଦେଇଥିଲେ । ଡଃ କଲ୍ୟାଣ ସୁନ୍ଦର ଦାସ (ପ୍ରିନସପାଲ ସାଇଣ୍ଟିଷ୍ଟ, ଆଇ ସି ଏ ଆର, ଅଟ୍ରି ,କୋଲକତା) ଆଭାସି ମାଧ୍ୟମରେ ବିଭିନ୍ନ କୃଷି ଭିତ୍ତିକ ଜ୍ଞାନ କୌଶଳ ସମ୍ପର୍କରେ ଆଲୋଚନା କରିଥିଲେ । କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର ଗୁଣପୁର ମୁଖ୍ୟ ତଥା ବରିଷ୍ଠ ବୈଜ୍ଞାନିକା ସୁସ୍ମିତା ମହାନ୍ତି ରବି ଓ ଖରିଫ ଚାଷରେ କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ରର ଅବଦାନ ଓ ଆଗାମୀ ୨୪-୨୫ ବର୍ଷର ଚାଷ କ୍ଷେତ୍ରରେ କଣ ସବୁ ନୂତନ ପ୍ରୟୋଗ କରାଯିବ ତା ଉପରେ ଆଲୋକପାତ କରିଥିଲେ । ଅନ୍ୟ ମାନଙ୍କ ମଧ୍ୟରେ ବୃନ୍ଦାବନ ବେହେରା (ଏ ଡି ଓ ଗୁଣପୁର), ଜଗନ୍ନାଥ ବିନ୍ଧାଣି (ଏ ଡି ଏଚ ଗୁଣପୁର) , ମନୋଜ କୁମାର ପ୍ରଧାନ (ସି ଡ଼ି ଏ ଓ ରାୟଗଡ଼ା), ଡ଼ ହାଡିବନ୍ଧୁ ଭୋଳ (ସିଡି ଭି ଓ ରାୟଗଡ଼ା), ସତ୍ୟବ୍ରତ ସାହୁ (ଏ ଏଚ ଓ ଗୁଣପୁର), ଡଃ ଜ୍ଞାନଲୋକ ଦାସ, ଡଃ ଆର ଦେବ ରଞ୍ଜନ, ସନ୍ତୋଷ କୁମାର ସାମଲ ,ତନ୍ମୟ ମହାପାତ୍ର , ସି ଡ଼ି ପି ଓ ଗୁଣପୁର ,ମୃର୍ତ୍ତିକା ଓ ଜଳ ସଂରକ୍ଷଣ ବିଭାଗ ଏବଂ ଅଗ୍ରଣୀ ଚାଷୀମାନେ ଯୋଗଦେଇ ନିଜ ନିଜ ସୁଚିନ୍ତିତ ମତାମତ ପ୍ରଦାନ କରିଥିଲେ ।

ବିଶେଷ କରି ଆଗାମୀ ଖରିଫ ଋତୁରେ ମରୁଡି ସହନଶୀଳ ଓ ସ୍ୱଳ୍ପ ଅବଧି ଧାନ ବିହନ , ଜୈବିକ କୃଷି , ମୋ ବଗିଚା , ଅଣୁ ଜଳସେଚନ , ପାଣିପାଗ ଅନୁକୂଳ ଚାଷ , ଛତୁ ଚାଷ ,ମହୁ ଚାଷ,ସମନ୍ୱିତ ଚାଷ , ଜୈବିକ ଉପାୟରେ ରୋଗପୋକ ନିୟନ୍ତ୍ରଣ , କୃଷକ ଉତ୍ପାଦନ ସଙ୍ଗଠନ ଓ ତଜାରିକରଣ ଉପରେ ଅଧିକ ଗୁରୁତ୍ୱ ଦେବାକୁ ଆଲୋଚନା ହୋଇଥିଲା । କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ରର ବୈଜ୍ଞାନିକ ରାଜୀବ ଟୁଡୁ

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice- fallow Rice-pulse (Horse gram, Green gram, Black gram) Rice-sunflower, Rice- vegetables (Solanac., Cole crops and cucurbits) Pulses - fallow (pigeon pea) Vegetable (Tomato, Radish, Cabbage, Cauliflower-Vegetables) Ground nut - fallow Paddy- Ground nut + Poultry Mushroom Production
2	Agro-climatic Zone	North Eastern Ghat Zone
3	Agro ecological situation	1.Hilly and plateau, rainfed, high elevation 2. Hilly and plateau, moderate irrigation, moderate
4	Soil type	The red or mixed red soil is 52.8%, followed by latterite soil 30.71%, alluvial soil 14.76%, black soil 1.43% and brown forest soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Cereals- Paddy – 56.1q/ha, cotton – 20.05 q/ha, ragi- 17.5 q/ha, maize- 56.85 q/ha, Pulses- Pigeon pea – 16.36/ha, Black gram- 3.22 q/ha, Green gram- 3.38/ha Oilseeds- Groundnut- 24.5 /ha, Sunflower- 13.88 q/ha, Sesame- 3.88 /ha, Vegetables- 83.35 q/ha
6	Mean yearly temperature, rainfall, humidity of the district	Temperature- Max- 44^0 C and Min- 8^0C Annual rainfall- 1315.1 mm in 165 rainy days
7	Production of major livestock products like milk, egg, meat etc.	Milk - 1.1 MT / year , poultry meat- 140.0 (MT Meat), Goatary - 710.0 (MT Meat)

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.	Gunupur	Padmapur	Laxmanguda	Paddy, maize, blackgram	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale drought, water scarcity Maize- INM, weed infestation, Blackgram- Line sowing, INM, YMV disease, pod borer	Integrated weed management in maize, rice and cotton Management of acid soil with paper mill sludge
2.	Gunupur	Ramnaguda	Garanda	Paddy, cotton, pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Improved production technology in cotton Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
3.	Gunupur	Gunupur	Pagadabilli	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Management of acid soil with paper mill sludge Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
4.	Gunupur	Gunupur	Pradhaniguda	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton

5.	Gunupur	Gunupur	Turkaniguda	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Management of acid soil with paper mill sludge Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
6.	Gunupur	Gunupur	Gadiakhala	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Improved production technology in Cotton Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
7.	Gunupur	Gudari	Sanhuma	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Improved production technology in Cotton Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
8.	Gunupur	Ramnaguda	Armada	Paddy, cotton , pigeon pea, groundnut	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Groundnut – INM, collar rot, defoliation, high yielding variety, availability of seed	Integrated weed management in maize, rice and cotton Improved production technology in Cotton Improved production technology in Oilseeds Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton

9.	Gunupur	Ramnaguda	Nilamguda	Paddy, cotton , pigeon pea, maize, groundnut	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Groundnut – INM, collar rot, defoliation, high yielding variety, availability of seed	Improved production technology in pulses Improved production technology in Oilseeds Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
10.	Gunupur	Ramnaguda	Nalpanda	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Improved production technology in pulses Integrated weed management in maize, rice and cotton Improved production technology in Cotton
11.	Gunupur	Gunupur	Kalma	Paddy, cotton , maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Improved production technology in Cotton
12.	Gunupur	Gunupur	Chalkamba	Paddy, cotton , maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Maize- INM, weed infestation	Integrated weed management in maize, rice and cotton Improved production technology in Cotton Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
13.	Gunupur	Gunupur	Rupapadar	Paddy, cotton , maize, vegetable	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Maize- INM, weed infestation Vegetables- high yield varieties, INM, fruit and shoot borer in brinjal, wilting in tomato and brinjal, distress sale of vegetables, no value addition	Integrated weed management in maize, rice and cotton Seed production of important cereals, pulses and vegetable crops Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton, Vegetables,

14.	Gunupur	Rayagada	Kuljing	Paddy, maize, ragi	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Maize- INM, weed infestation Ragi- local varieties, INM, value addition, processing	Integrated weed management in maize, rice and cotton Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
15.	Gunupur	Ramnaguda	Gulumunda	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
16.	Gunupur	Gunupur	Regeda	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
17.	Gunupur	Ramnaguda	Majhiguda	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Crop Diversification Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
18.	Gunupur	Gunupur	Bijaypur	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Crop Diversification Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton

19.	Gunupur	Ramnaguda	Rajbikrampur	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
20.	Gunupur	Ramnaguda	Bhamini	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, Maize, Cotton
21.	Gunupur	Gunupur	Bhaleri kudia	Paddy, cotton , pigeon pea	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, Cotton, pigeon pea
22.	Gunupur	Gunupur	Dandaguda	Paddy, cotton , pigeon pea, groundnut	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Groundnut – INM, collar rot, defoliation, high yielding variety, availability of seed	Improved production technology in oilseeds and pulses

23.	Gunupur	Ramnaguda	Bangi	Paddy, cotton , pigeon pea, groundnut	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer, drought, water scarcity Groundnut – INM, collar rot, defoliation, high yielding variety, availability of seed	Improved production technology in oilseeds and pulses Integrated Pest Management and Integrated Disease Management in Paddy, cotton, pigeon pea
24.	Gunupur	Ramnaguda	Gumunda	Paddy, cotton , pigeon pea, Mushroom production	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation Mushroom production- availability of strain, availability of spawn, sanitation problem, disease, skill of production	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, cotton, pigeon pea
25.	Gunupur	Gunupur	Putasingh	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, cotton, pigeon pea, maize
26.	Gunupur	Gunupur	Nuagaon	Paddy, cotton , pigeon pea	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer	Improved production technology in pulses
27.	Gunupur	Gunupur	Talana	Paddy, cotton , pigeon pea	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer	Integrated Pest Management and Integrated Disease Management in Paddy, cotton, pigeon pea Improved production technology in pulses

28.	Gunupur	Gunupur	Bagsala	Paddy, cotton , pigeon pea, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer Maize- INM, weed infestation	Improved production technology in pulses Integrated Pest Management and Integrated Disease Management in Paddy, cotton, pigeon pea
29.	Gunupur	Padmapur	Khilapadar	Paddy, cotton, maize	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Maize- INM, weed infestation	Integrated Pest Management and Integrated Disease Management in Paddy, cotton, pigeon pea
30.	Gunupur	Ramnaguda	Srirampur	Paddy, cotton , pigeon pea	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer	Integrated Pest Management and Integrated Disease Management Paddy, cotton , pigeon pea Improved production technology in pulses
31.	Gunupur	Gudari	Bentiguda	Paddy, cotton , pigeon pea	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer	Integrated Pest Management and Integrated Disease Management Paddy, cotton , pigeon pea Improved production technology in pulses
32.	Gunupur	Ramnaguda	Hazardangi	Paddy, cotton , pigeon pea	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale , drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeon pea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer	Integrated Pest Management and Integrated Disease Management Paddy, cotton , pigeon pea Improved production technology in pulses
33.	Gunupur	Ramnaguda	Subai	Paddy, cotton	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale Cotton- weed problem, mealy bug, boll worm	Integrated Pest Management and Integrated Disease Management Paddy, cotton pigeon pea

34.	Gunupur	Padmapur	Indupur	Paddy, blackgram	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Blackgram- local variety, availability of seeds, YMV, INM	Crop diversification Improved production technology in pulses
35.	Gunupur	Gunupur	Taramala	Paddy, cotton , pigeon pea	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, mechanization, distress sale, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, sterility mosaic virus, pod and shoot borer	Crop diversification Improved production technology in pulses
36.	Gunupur	Gunupur	Bhimpurguda	Paddy, cotton , pigeon pea, Black gram	Paddy- Line transplanting, weed infestation, blast disease, BPH attack, stem borer, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Pigeonpea- local variety, weed infestation, INM, Rhizobium culture, pod and shoot borer	Crop diversification Improved production technology in pulses Integrated Pest Management and Disease Management in field crops
37.	Gunupur	Ramnaguda	Gugurupanga	Paddy, cotton, Pigeon pea, vegetables	Paddy- weed infestation, blast disease, BPH attack, stem borer, drought, water scarcity Cotton- weed problem, mealy bug, boll worm Vegetables- Sucking pest problem	Integrated Pest and Disease Management field and vegetable crops

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
Gugurpang	Ramnaguda	Conducted FLD, CFLD, OFT, training (farmers/ farm women/rural youth), field day and other extension activities, Swachha Bharat programme
Arei	Padmapur	Conducted FLD, CFLD, OFT, training (farmers/ farm women/rural youth), field day and other extension activities, Swachha Bharat programme
Srirampur	Ramnaguda	Conducted FLD, CFLD, OFT, training (farmers/ farm women/rural youth), field day and other extension activities, Swachha Bharat programme
Bhaleri Kudia	Gunupur	Conducted FLD, CFLD, OFT, training (farmers/ farm women/rural youth), field day and other extension activities, Swachha Bharat programme
L. L. Pur	Gudari	Conducted FLD, CFLD, OFT, training (farmers/ farm women/rural youth), field day and other extension activities, Swachha Bharat programme

2.1 Priority thrust areas

S. No.	Thrust area
1.	Management of problematic soil
2.	Crop diversification
3.	Integrated Nutrient Management
4.	Integrated Pest Management
5.	Integrated Disease Management
6.	Farm Mechanization
7.	Intercropping of different crops
8.	Bio-control of insects and pests
9.	Weed management in field crops
10.	Crop Production Technology
11.	Seed production technology
12.	Management of horticultural crops
13.	Post harvest Technology
14.	Processing and value addition
15.	Nursery raising technique
16.	Entrepreneurial development
17.	Income generating activities
18.	Organic farming
19.	Promotion of Small scale agro-industries
20.	Water harvesting technology for moisture conservation
21.	Development of kitchen garden for nutritional security
22.	Production of organic inputs

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
8	7	56	0	0	34	14	1	0	35	14	49	32	24	576	0	0	246	162	27	1	273	163	436

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
101	99	2290	21	8	1396	620	141	33	1586	665	2240	-	4077	-	325	153	40422	1891	4030	1893	4477	2107	6570

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
180	195	-	-	29	4	-	-	29	4	33	-	65570	8	103	522	176	656	43	1186	322	1508

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
165.0	140.2	2.0	1.569

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	-	300	262

* 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							
Seminar/conference/ symposia papers							
Books	3	300					
Bulletins							
News letter	1	500					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	1	1000					
Technical reports	70	-					
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of medium duration rice varieties under rainfed condition
2.	Problem diagnosed	Low yield due to blast, sheath blight, leaf folder and sucking pest
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO_1- Rice var. Kalinga Dhan 1205 TO_2- Rice var. Kalinga Dhan 1203
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, SLREC 2022-23
5.	Production system and thematic area	Rice – pulse and varietal evaluation
6.	Performance of the Technology with performance indicators	Plant height(PH), ear bearing tillers (EBT)/plant, grains/panicle, 1000 grain weight
7.	Final recommendation for micro level situation	Medium duration rice var. Kalinga Dhan 1203 gives 11.2% higher yield than var. MTU 1001, suitable for rain-fed medium land, maturity: 130-135 days and moderately resistant to sheath blight and leaf folder.
8.	Constraints identified and feedback for research	No such constraints faced
9.	Process of farmers participation and their reaction	Farmer scientists' interaction

Thematic area: Varietal evaluation

Problem definition: Low yield due to blast, sheath blight, leaf folder and sucking pest

OFT-2

1.	Title of On farm Trial	Assessment of high yielding varieties of sesame
2.	Problem diagnosed	Low yield of sesame due to traditional/ old varietal
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO_1- Sesame Var. Subhra TO_2- Sesame Var. Smarak TO_3- Sesame Var. Kalinga sesame 3-1
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, SLREC 2022-23
5.	Production system and thematic area	Rice – vegetable - sesame and Varietal evaluation

6.	Performance of the Technology with performance indicators	Plant height(PH), ear bearing tillers (EBT)/plant, grains/panicle, 1000 grain weight
7.	Final recommendation for micro level situation	Cultivation of sesame var. Smarak resulted 27.1% higher yield than farmers' practice and moderately resistant to phyllody blight.
8.	Constraints identified and feedback for research	No such constraints faced
9.	Process of farmers participation and their reaction	Farmer scientists' interaction

Thematic area: Varietal evaluation

Problem definition: Low yield of sesame due to traditional/ old varietal

OFT-3

1.	Title of On farm Trial	Assessment of different Chilli Varieties
2.	Problem diagnosed	Low yield and income due existing variety
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO_1- Variety :Arka Meghna, F1 hybrid, duration 140-150 days, tolerant to powdery mildew and viruses, green chilli yield- 257 q/ha TO_2- F1 hybrid, duration-210 days, resistant to leaf curl virus, suitable for green and dry chilly, green chilli yield potential- 210 q/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIHR, Bangaluru, 2021
5.	Production system and thematic area	Vegetable – vegetable and varietal evaluation
6.	Performance of the Technology with performance indicators	Plant height (cm), No. of branches/plant, Fruit length(cm), Fruit girth(cm) No. of fruits/plant, PDI (%) ,Yield(q/ha)
7.	Final recommendation for micro level situation	Variety :Arka Meghna can be recommended for cultivation against leaf curl virus
8.	Constraints identified and feedback for research	Low yield due to infestation of some disease and pest
9.	Process of farmers participation and their reaction	Training, demonstration and field visit

Thematic area: Varietal evaluation

Problem definition: Low yield and income due existing variety

OFT-4

1.	Title of On farm Trial	Assessment of onion varieties in rabi
2.	Problem diagnosed	Low income from existing variety
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO_1- Bhima Shakti- onions are red and have attractive bulbs that turn red immediately after harvest. It matures in 125–135 days after transplanting, it can yield 32–36 tons per hectare and can be stored for 5–6 months. TO_2- Bhima Dark Red–it has dark red, flat-globe bulbs which matures at 95–100 days after transplanting and has an average marketable yield of 20–22 tons per hectare.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DOGR, MH, 2022
5.	Production system and thematic area	Vegetable – Vegetable and Income generation
6.	Performance of the Technology with performance indicators	No. of days to harvest, Bulb Diameter(cm), Bulb weight(g), yield(q/ha)
7.	Final recommendation for micro level situation	Variety : Bhima Shakti can be recommended for cultivation for better self life and yield
8.	Constraints identified and feedback for research	Inadequate irrigation facility and improper post harvest management
9.	Process of farmers participation and their reaction	Training, demonstration and field visit

Thematic area: Varietal evaluation

Problem definition: Low income from existing variety

OFT-5

1.	Title of On farm Trial	Assessment of IPM Modules for the management of Brinjal fruit and shoot borer.
2.	Problem diagnosed	Low yield and poor marketability.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO_1- Erection of Pheromone traps @ 20 nos./ha, release of *T. chilonis* @ 50,000/ha 6 times from 21 DAT at weekly interval, spraying of *Bt* at flowering @ 2ml/l two times in 10 days interval. Spraying of Emamectin benzoate 5% SG @ 200 g/ha at ETL > 5% . TO_2-Clipping of infested shoots & fruits regularly, pheromone traps @ 25/ha at 30 DAT, spraying of Azadiractin 1500 ppm @ 3 ml/l at 20 DAT, spraying of *Bt* @ 2 ml/l twice at 30 DAT and 45 DAT, spraying of Chlorantraniliprole 18.5% SC @ 0.25 ml/l at 60 DAT.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO-I :OUAT, AR, 2018 TO-II: OUAT, AR, 2019
5.	Production system and thematic area	Vegetable- vegetable and Integrated pest management
6.	Performance of the Technology with performance indicators	Shoot infestation (%) and Fruit infestation (%)
7.	Final recommendation for micro level situation	Clipping of infested shoots & fruits regularly, use of pheromone traps, spraying of Azadiractin, spraying of *Bt* and spraying of Chlorantraniliprole performed better as compared to farmers' practice, where shoot infestation minimized from 39% to 7% and fruit infestation has been reduced from 31% to 5 % with 33.49% higher yield.
8.	Constraints identified and feedback for research	More numbers of farmers are facing these problems.
9.	Process of farmers participation and their reaction	Farmers have involved directly by using these technologies and interested to spreading these technologies to other farmers.

Thematic area: Varietal evaluation

Problem definition: Low yield and poor marketability.

OFT-6

1.	Title of On farm Trial	Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita.
2.	Problem diagnosed	Low yield due to wilt incidence
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO_1- Jibamruta application – Application of 200 lit of Jibamruta per acre with irrigation water or with spray machine at an interval of 15-20 days on standing crop @ 5-6 spray. TO_2- TO_1 +Bijamruta application-Application of prepared Bijamruat for seed treatment of 100 kg seeds, mix it with the seeds well so that bijamruta will be well coated on seeds, dry the mixture under shade before 24 hrs of sowing.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Manual of national centre for organic and natural farming, Gaziabad
5.	Production system and thematic area	Rice- vegetable and Integrated Disease Management
6.	Performance of the Technology with performance indicators	PDI
7.	Final recommendation for micro level situation	Application of organic concentrates incurred very less cost and the application is not tedious than the chemical methods. So seed treatment with bijamrit and soil application of Jivamrit starting from 25 DAT and at 15-20 days interval for 5 to 6 times in a cropping period should be followed.
8.	Constraints identified and feedback for research	More numbers of farmers are not acquainted to use this technology.
9.	Process of farmers participation and their reaction	Farmers are very much appreciated with this management of wilt complex in tomato

Thematic area: Integrated Disease Management

Problem definition: Low yield due to wilt incidence

OFT-7

1.	Title of On farm Trial	Assessment of humidity management in paddy straw mushroom production
2.	Problem diagnosed	Low yield due to improper production technique
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO_1- Mushroom production by using bundled paddy straw substrate (3 layers) with covering the floor with 2 inch sand in moist condition and spreading wet gunny bag along the windows/ walls TO_2- Mushroom production by using bundled paddy straw substrate (3 layers) with Installation of Fogger and hanging of folding type of Gunny bag outside the shade net
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CTMRT (2015)
5.	Production system and thematic area	Integrated farming and SSIGA
6.	Performance of the Technology with performance indicators	Yield (kg/bed), bio-efficiency (%)
7.	Final recommendation for micro level situation	Production of paddy straw mushroom during summer covering the floor with et sand and spreading wet gunny bag in window/walls as a low cost technology is accepted by farm women.
8.	Constraints identified and feedback for research	Heavy moisture stress and rise in temperature upto 40^0C + during May and June has limited the farmers and farm women even adoption of this technology.
9.	Process of farmers participation and their reaction	However farmers are satisfied with use of this technology particularly during April and October month

Thematic area: SSIGA

Problem definition: Low yield due to improper production technique

Technology assessed:
Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
Assessment of medium duration rice varieties under rainfed condition	7	Plant height (PH) FP- 102.3 TO_1- 107.2 TO_2- 115.6	Ear bearing tillers (EBT) /plant FP- 10 TO_1- 11 TO_2- 12	Grains /panicle FP- 187.1 TO_1- 230.2 TO_2- 246.6	1000 grain weight FP- 23.5 TO_1- 21.15 TO_2- 24.23	FP- 41.5 TO_1- 43.87 TO_2- 46.25	FP- 65180 TO_1-66930 TO_2- 66930	FP- 84660 TO_1- 89495 TO_2- 94350	FP-19480 TO_1- 22565 TO_2- 27420	FP- 1.30 TO_1- 1.38 TO_2- 1.41
Assessment of high yielding varieties of sesame.	7	No. of capsule/ plant- FP-25.43 TO_1 – 40.86 TO_2 - 60.36 TO_3 - 75.2	No. of seeds/ Capsule- FP- 29.14 TO_1 – 49.71 TO_2 -58.34 TO_3 - 61.2			FP- 3.82 TO_1- 4.50 TO_2- 4.80 TO_3 - 5.4	FP- 20180 TO_1- 19850 TO_2- 19850 TO_3 -18606	FP - 33740 TO_1- 41300 TO_2- 42700 TO_3 - 43856	FP - 13560 TO_1- 21450 TO_2- 22850 TO_3 -25250	FP – 1.52 TO_1- 1.80 TO_2- 1.86 TO_3 -1.92
Assessment of different Chilli Varieties	7	Plant height (cm) FP-63.2 TO_1 – 80.1 TO_2 -65.8	No. of branches/ plant FP-10.6 TO_1 – 12.2 TO_2 -11.4	Fruit length(cm), Fruit girth(cm) No. of fruits/plant FP-8, 9, 126 TO_1-13, 1.2,144 TO_2 - 9, 1.2, 142		FP- 164 TO_1- 191 TO_2 - 184	FP-105000 TO_1- 105000 TO_2 - 105000	FP-328000 TO_1- 382000 TO_2 - 368000	FP-223000 TO_1- 277000 TO_2 -263000	FP-2.12 TO_1 – 2.63 TO_2 -2.50

Assessment of onion varieties in rabi.	7	No. of days to harvest FP-90 TO_1 - 125 TO_2 - 96	Bulb diameter (cm) FP-5.2 TO_1 – 5.9 TO_2 - 5.3	Bulb weight (gm) FP-80 TO_1 - 100 TO_2 -80		FP-172 TO_1 - 199 TO_2 - 192	FP-110000 TO_1 - 110000 TO_2 - 110000	FP-344000 TO_1 - 398000 TO_2 - 384000	FP-234000 TO_1 -288000 TO_2 -274000	FP-2.12 TO_1 – 2.61 TO_2 -2.49
Assessment of IPM Modules for the management of Brinjal fruit and shoot borer	7	Shoot infestation (%) FP- 39 TO_1- 10 TO_2- 7	Fruit infestation FP- 31 TO_1- 9 TO_2- 5	-	-	FP-203 TO_1-268 TO_2-271	FP- 146600 TO_1-146800 TO_2-147400	FP- 365400 TO_1-482400 TO_2-487800	FP- 218800 TO_1- 335600 TO_2- 340400	FP- 2.49 TO_1- 3.26 TO_2- 3.30
Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita.	7	-	-	-	% of Disease incidence FP- 14 TO_1- 6 TO_2- 4	FP-196.0 TO_1-189.0 TO_2-194.0	FP- 123000 TO_1-95000 TO_2-95600	FP- 372400 TO_1-359100 TO_2-368600	FP- 249400 TO_1- 264100 TO_2- 273000	FP- 3.02 TO_1 -3.78 TO_2- 3.85
Assessment of humidity management in paddy straw mushroom production	7	Bud size in length (cm) TO_1-4.5 TO_2-5				Yield (Kg/ bed) TO1-0.62 TO2-0.85	TO_1- 95 TO_2- 105	TO_1- 217 TO_2- 298	TO_1- 122 TO_2- 193	TO_1- 2.28 TO_2-2.83

Results:

Good quality photographs of different treatments:

 Assessment of medium duration rice varieties under rainfed condition	
 Assessment of high yielding varieties of sesame	
 Assessment of IPM Modules for the management of Brinjal fruit and shoot borer	

 Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita.	

Please provide all the OFTs in same format

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.	Maize	Crop Production	Demonstration on weed management in Maize	2	2	-	-	10	-	-	-	10		10	-
2.	Finger millet	Crop Production	Demonstration on weed management in Finger millet	2	2	1	-	6	2	1	-	8	2	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					
Maize	Kharif, 2024	Rainfed-upland	Sandy clay	159.5	9.6	350.6	Fallow	02.7.2024	27.10.2024		
Finger millet	Kharif, 2024	Rainfed-upland	Sandy clay	168.5	8.9	420.5	Fallow	01.08.2024	26.11.2024		

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

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	Plant protection	Demonstration on collar rot management in groundnut	10	2	21.0	16.5	27.2	68600	130200	61600	1.89	67800	102300	34500	1.50
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

Pulses

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
Blackgram	Crop Production	Demonstration on INM in Blackgram	10	2	6.8	4.9	38	32500	54400	21900	1.67	24500	39200	14700	1.60
	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 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
Maize	Crop Production	Demonstration on weed management in Maize	10	2	52100 cobs/ha	46400 cobs/ha	12.3	Weed density-24.39-, Length of cobs(cm)-22.7, weight of fruits(gm)-476	Weed density-55.54, Length of cobs(cm)-19.6 weight of fruits(gm)-349	85000	156300	71300	1.83	79000	116000	37000	1.47
Finger millet	Crop Production	Demonstration on weed management in Finger millet	10	2	13.5	9.25	20.0	No of fingers/ear head- 10.9 , Tillers/sq. m. -74	No of fingers/ear head- 8.1, Tillers/sq. m. -58	21200	35000	13800	1.65	17500	25900	8400	1.48
Cabbage	Vegetable cultivation	Demonstration on Integrated Nutrient Management in Cabbage	10	2	199	158	35	Average head weight/plant-950gm	Average head weight/plant-650 gm	80500	199000	118500	2.47	72500	158000	85500	2.17

Guava	Fruit cultivation	Demonstration of bending technology in guava for increasing productivity	10	1	200	120	40	No. of shoots /plant- 40-50, No. of fruits/plant- 45-50	No. of shoots /plant- 12-18, No. of fruits/plant- 15-20	Contd.							
Tomato	Vegetable cultivation	Demonstration on high yielding tomato variety Kalinga Tomato 121	10	0.4	280	394	-40	No. of fruits/plant- 33 Wt. of fruit (gm)-55	No. of fruits/plant- 40 Wt. of fruit (gm)- 85	80000	252000	172000	2.15	80000	354600	274600	3.43
Marigold	Flower cultivation	Demonstration on marigold variety Bidhan Marigold -2	10	0.4	450	380	20	No. of flowers/ plant-170 yield/plant- 2.5 kg	No. of flowers/ plant-130 yield/plant- 2.0 kg	80000	304000	224000	2.8	90000	360000	270000	3.0
Mango	Orchard management	Demonstration of growth promoter for improving fruit retention, yield and quality of Mango	10	2				No. of fruits/ panicle-2	No. of fruits/ panicle-1	Contd.							
Chilli	Plant protection	Demonstration on integrated management of thrips and mite in Chilli	10	1	121.2	91.75	32.09	% of thrips and mite infestation-4, Infested plants/10 m^2-2	% of thrips and mite infestation- 41, Infested plants/10 m^2-16	123250	424200	300950	3.43	123000	321125	198125	2.61
Okra	Plant protection	Demonstration on fruit borer management in okra	10	2	182	137	30.93	Pest infestation %-6	Pest infestation %-33	148600	418600	270000	2.81	147900	315100	167200	2.13
Mango	Plant protection	Demonstration on Anthracnose disease management in Mango	10	1	Contd.												
Tube rose	Women empowerment	Demonstration of tuberose cultivation for income generation of farm women	10	0.02	4.31	-	4.14-4.97	No. of flowers/ spikelets- 16.87	-	138666	387900	249234	2.7	-	-	-	-
	Total																

Livestock

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	Backyard poultry rearing by tribal women	Demonstration on brooding management in chicks	10	100 (1000 chicks)	Chick mortality rate during brooding-4, Body wt. gain kg/year -1.52, No. of eggs -65	Chick mortality rate during brooding-27, Body wt. gain kg/year 0.98, No. of eggs -- 43	-	-	-	240	760	520	3.16	178	410	242	2.44
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	Enterprise development															
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					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					

Infants					

Farm implements and machinery

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
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										

Others (Pl. specify)										
Total										
Pulses										
Green gram										
Black gram										
Bengal gram										
Red gram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total										
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

Demonstration on Weed Management in maize

Field day on weed management in Finger millet

Demonstration on INM in Blackgram

Demonstration on collar rot management in Groundnut

Demonstration on fruit borer management in okra

Demonstration on Integrated Pest Management of thrips and mite in chilli

Demonstration on Poultry in backyard

Demonstration on Tuberose cultivation for income generation

Frontline demonstration under TSP

Demonstration on brooding management in chicks

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Maize	Application of Tembotrione + Atrazine at 20 DAS and one hand weeding has resulted in 12.3 % yield increment along with BC ratio 1.68.
2.	Finger millet	Application of Pre-emergence Bensulfuron methyl + Pretilachlor followed by 2,4-D ethyl ester has resulted in 20 % yield increment along with BC ratio from 1.61 to 1.74.
3.	Blackgram	Use of Soil Test based fertilizer application, integration with organic and seed inoculation of Rhizobium gave 18.6% higher yield
4.	Chilli	IPM through soil application of neem cake, installation of blue sticky trap, need based alternate application of Difenthiuron and Spiromesifen at 10 days interval starting from 30 DAT resulted 32 % increase in yield and with BC ratio 3.43.
5.	Okra	Application of Chlorantraniliprole twice in okra at 30 and 45 DAS successfully reduced the fruit borer infestation from 33 % to 6% with 30.93% yield increase.
6.	Groundnut	Recorded less disease incidence as well as 31.09% more yield as compared to FP through seed treatment with Carboxin + Thiram and alternate spraying with Chlorothalonil and Carbendazim.
7.	Poultry in backyard	Rearing of poultry Rainbow rooster and Sonali breed in backyard fetches Rs. 380/- more than desi bird.
8.	Tube rose	Small and marginal farm women can adopt tube rose cultivation for economic sustainability.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	15.10.2024, 16.10.2024, 25.10.2025, 30.10.2024, 13.11.2024, 30.12.2024, 04.03.2025, 11.03.2025, 20.03.2025, 25.03.2025, 28.03.2025, 29.03.2025	12	300	-
2.	Farmers Training	27.06.2024, 06.08.2024, 02.09.2024,13.09.2024, 23.09.2024, 24.09.2024 24.10.2024, 27.11.2024, 26.12.2024, 06.01.2025, 17.01.2025, 13.02.2025, 17.03.2025, 19.03.2025	14	350	-
3.	Media coverage	-	-	-	-
4.	Training for extension functionaries	-	-	-	-

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)	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District	State	Potential				Ma	Mi	Av.	D	S	P

		variety name		yield (D)	yield (S)	yield (P)	demonstrated			x.	n.				
1	Groundnut	OG 52-1	14.5	18	16.5	25	High yielding variety-Kadiri Lepakshi used, INM,IPM & IDM	150	60	20.9	18.1	19.5	8.3	18.2	-22
2	Sesame	Uma	4.7	4.27	4.12	8.0	High yielding variety-Kalinga sesame 3-1 used, INM, IPM and IDM	200	80	-	-	-	-	-	-

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.	High yielding variety Kadiri Lepakshi, integrated nutrient, pest and disease management	61000	84825	23825	1.39	64500	114075	49575	1.77
2	High yielding variety-Kalinga sesame 3-1 used, INM, IPM and IDM	Continuing							

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	Groundnut and Kadiri Lepakshi	1950	1800	60	100	50	Health, Homed and Educatio	3

							n	
2	Sesame	Continuing						

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	Groundnut variety Kadiri Lepakshi, apply gypsum @ 300 kg/ha as basal, Chloropyriphos@ 25kg/ha for Termite control, spray Fipronil@ 2ml/l for control of leaf cutting catterpiller and Chlorothalonil 75% WP @ 2 gm/l for control of collar rot	As rainfed upland, it is a suitable crop	Most Liking	Yes	No	Yes	Requirement of tikka disease resistant high yielding variety of groundnut
2	Sesame variety Kalinga Sesame3-1, apply profenphos@ 1l/ha for leafwebber, use of Neem oil @ 1.5 l/ha for pest control, spray propiconazole@ 500ml/ha for powder mildew, Spray Copper Oxychloride @3gm/l for blight, spray Thaimethoxam@ 0.25gm/l for phylloid and sucking pest management, spray of Zinc Sulphate 12%, 7. 0.1% spray of Boron (20%B) at reproductive stage	Continuing					

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Groundnut var. Kadiri Lepakshi is high yielder (25q/ha),	Drought tolerant – withstands up to 35 days dry spell, uniform	High yield and oil content	Good

mature within 110 days, high oil content (49%), 75-77% shelling percentage	maturity, high SMK%, attractive pods, moderate stature and tolerant to low light conditions		
Sesame Var. Kalinga sesame 3-1	Continuing		

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
Groundnut			
1	Training/Groundnut	05.08.2024/Badagatiguda	25
2	Training/ Groundnut	08.08.2024/LLPur	25
3	Training/ Groundnut	21.08.2024/Patuguda	25
4	Training/ Groundnut	23.08.2024/Goranda	25
5	Training/ Groundnut	30.09.2024/ Pradhaniguda	25
6	Training/ Groundnut	03.10.2024/Majhikudia	25
7	Field Day/ Groundnut	18.11.2024/LLPur	50
8	Field Day/ Groundnut	25.11.2024/Patuguda	50
9	Field Day/ Groundnut	30.11.2024/Goranda	50
10	Field Day/ Groundnut	2.12.2024/Majhikudia	50
11	Field Day/ Groundnut	14.12.2024/Badagatiguda	50
12	Field Day/ Groundnut	22.12.2024/Pradhaniguda	50
Sesame			
1	Training/Sesame	11.02.2025//Majhikudia	25
2	Training/ Sesame	12.02.2025/Bissamcuttack	25
3	Training/ Sesame	17.02.2025/Jaripanga	25
4	Training/ Sesame	29.03.2025/ Gadhiakhola	25
5	Field Day/ Sesame	19.03.2025/ Jaripanga	50
6	Field Day/ Sesame	26.03.2025/Bissamcuttack	50
7	Field Day/ Sesame	27.03.2025/Majhikudia	50
8	Field Day/ Sesame	29.03.2025/Gadhiakhola	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.)
Groundnut	i) Critical input		771020	
	ii) TA/DA/POL etc. for monitoring		118404	
	iii) Extension Activities (Field day)		32250	
	iv) Publication of literature		18000	
	Total	1164500	939674	224798
Sesame	i) Critical input		165300	
	ii) TA/DA/POL etc. for monitoring		19800	
	iii) Extension Activities (Field day)		24620	
	iv) Publication of literature			
	Total	640000	209720	

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	2	2		2				41	7	48	43	7	50
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	1							21	4	25	21	4	25
Production of organic inputs	1	2	0	2	1	0	1	4	18	22	7	18	25
Others													
Total	4	4	0	4	1	0	1	66	29	95	71	29	100
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	2	2	0	2				41	7	48	43	7	50
Off season 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)	2	2	0	2				41	7	48	43	7	50
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	3	3	0	3	0	3	3	45	24	69	48	27	75
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	3	3	0	3	0	3	3	45	24	69	48	27	75
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	1	2	0	2	0	0	0	21	2	23	23	2	25
Processing and value addition													
Others													
Total (d)	1	2	0	2	0	0	0	21	2	23	23	2	25
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)	6	7	0	7	0	3	3	107	33	140	114	36	150
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient 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
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													
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													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others (Entrepreneurship development through paddy straw mushroom cultivation)	1							0	25	25	0	25	25
Total	1							0	25	25	0	25	25
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													

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													
VII. Plant Protection													
Integrated Pest Management	1							23	2	25	23	2	25
Integrated Disease Management													
Biocontrol of pests and diseases													
Production of bio control agents and bio pesticides													
Others (Integrated Pest and Disease Management)	7	7	1	8				126	16	142	133	17	150
Total	8	8	1	9				168	23	191	176	24	200
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													
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													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													

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
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	19	19	1	20	1	3	4	341	110	451	361	114	475

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	1							10	5	15	10	5	15
Training and pruning of orchards	1							10	5	15	10	5	15
Protected cultivation of vegetable crops	1	2	0	2				13	0	13	15	0	15
Commercial fruit production													
Integrated farming													
Seed production	1							15	0	15	15	0	15
Production of organic inputs	1							10	5	15	10	5	15
Planting material production	1							15	0	15	15	0	15
Vermiculture													
Mushroom Production													
Beekeeping	1	1		1				9	5	15	10	5	15
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													

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
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													
Others (Crop diversification, Rhizobium culture use)	2							28	2	30	28	2	30
Integrated Pest and Disease management in vegetable crops	1							13	2	15	13	2	15
Use of Bio-pesticides in different field crops	1							13	2	15	13	2	15
Stored grain pest management	1							15		15	15		15
Paddy straw mushroom cultivation to enhance income generation of SHGs	1							0	15	15	0	15	15
Total	13	3	0	3				151	41	193	154	41	195

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	1	3	0	3	1	1	2	5	0	5	9	1	10
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs	1	3	0	3	0	0	0	7	0	7	10	0	10
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													

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
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Integrated Approach for Pest and Disease Management in Cotton to minimize residual effect on environment	1	3	3	6				3	1	4	6	4	10
Invasive Pest and their Management	1	3		3				7		7	10	0	10
Xeriscapeing and land scapeing	1	1	1	2		1	1	5	2	7	6	4	10
Hi tech hort tech.	1	1	1	2		1	1	5	2	7	6	4	10
Scientific beekeeping	1	2	0	2	0	0	0	18	0	18	20	-	20
Total	**7**	**16**	**5**	**21**	**1**	**3**	**4**	**50**	**5**	**55**	**67**	**13**	**80**

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	5	6	2	8	3	0	3	89	25	114	98	27	125
Resource Conservation Technologies	2							45	5	50	45	5	50
Cropping Systems	2	4	0	4	5	0	5	41	8	20	49	9	50
Crop Diversification	3							70	5	75	70	5	75
Integrated Farming	3	9	3	12	2	0	2	57	4	61	68	7	75
Micro irrigation/irrigation													
Seed production	1							25	0	25	25	0	25
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management	4							40	60	100	40	63	100
Production of organic inputs													
Others													
Total	20	19	5	24	10	0	10	367	107	445	395	116	500
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	2	1		1				23	26	49	24	26	50
Off season vegetables	3							68	7	75	68	7	75
Nursery raising	2	6	4	10	5	0	5	32	3	35	43	7	50
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)	7	7	4	11	5	0	5	123	36	159	135	40	175
b) Fruits													
Training and Pruning	1	4	1	5	0	0	0	17	3	20	21	4	25
Layout and Management of Orchards													
Cultivation of Fruit	2	11	0	11	3	2	5	27	7	34	41	9	50
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													

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
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	3	15	1	16	3	2	5	44	10	54	62	13	75
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)	10	22	5	27	8	2	10	167	46	213	197	53	250
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													
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	2							0	50	50	0	50	50
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs	3							0	75	75	0	75	75
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies	1	0	7	7				0	18	18	0	25	25
Rural Crafts													
Women and child care													
Others Training programme on Nutrition gardening for nutrition security of tribal farm families	1							0	25	25	0	25	25
Total	7	0	7	7				0	168	168	0	175	175
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													
Integrated Pest Management	5	10	0	10	7	0	7	95	13	108	112	13	125
Integrated Disease Management	5	23	5	28	12	0	12	47	38	85	82	43	125
Bio-control of pests and diseases	1	8	0	8	3	0	3	9	5	14	20	5	25
Production of bio control agents and bio pesticides													
Others (Integrated Pest and Disease Management)	6	18	4	22	7	0	7	109	12	121	134	16	150
Total	17	59	9	68	29	0	29	260	68	328	348	77	425

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
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													
Total													
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													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	16	1		1	1		1	199	199	398	201	202	400

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													
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													

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	7	8	2	10	3	0	3	130	32	162	141	34	175
Resource Conservation Technologies	2							45	5	50	45	5	50
Cropping Systems	2	4	0	4	5	0	5	41	8	20	49	9	50
Crop Diversification	3							70	5	75	70	5	75
Integrated Farming	3	9	3	12	2	0	2	57	4	61	68	7	75
Micro irrigation/irrigation													

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
Seed production	1							25	0	25	25	0	25
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management	5							61	64	125	61	67	125
Production of organic inputs	1	2	0	2	1	0	1	4	18	22	7	18	25
Others													
Total	**24**	**23**	**5**	**28**	**11**	**0**	**11**	**433**	**136**	**540**	**466**	**145**	**600**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	4	3	0	3				64	33	97	67	33	100
Off-season vegetables	3							68	7	75	68	7	75
Nursery raising	2	6	4	10	5	0	5	32	3	35	43	7	50
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)	9	9	4	13	5	0	5	164	43	207	178	47	225
b) Fruits													
Training and Pruning	1	4	1	5	0	0	0	17	3	20	21	4	25
Layout and Management of Orchards													
Cultivation of Fruit	5	14	0	14	3	5	8	72	31	103	89	36	125
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	6	18	1	19	3	5	8	89	34	123	110	40	150
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	1	2	0	2	0	0	0	21	2	23	23	2	25
Processing and value addition													
Others													
Total (d)	1	2	0	2	0	0	0	21	2	23	23	2	25
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													

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
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)	16	29	5	34	8	5	13	274	79	353	311	89	400
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													
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	2							0	50	50	0	50	50
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs	3							0	75	75	0	75	75
Storage loss minimization													

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
techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies	1	0	7	7				0	18	18	0	25	25
Rural Crafts													
Women and child care													
Others (Entrepreneurship development through paddy straw mushroom cultivation)	1							0	25	25	0	25	25
Training programme on Nutrition gardening for nutrition security of tribal farm families	1							0	25	25	0	25	25
Total	**8**	**0**	**7**	**7**				**0**	**193**	**193**	**0**	**200**	**200**
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													
Integrated Pest Management	6	10	0	10	7	0	7	118	15	133	135	15	150
Integrated Disease Management	5	23	5	28	12	0	12	47	38	85	82	43	125
Biocontrol of pests and diseases	1	8	0	8	3	0	3	9	5	14	20	5	25
Production of bio control agents and bio pesticides													
Others (Integrated Pest and Disease Management)	13	25	5	30	7	0	7	235	28	263	267	33	300
Total	**25**	**66**	**10**	**76**				**409**	**86**	**495**	**504**	**96**	**600**
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													

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													
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													
Total													
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													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	**73**	**118**	**27**	**145**	**19**	**5**	**24**	**1116**	**494**	**1581**	**1281**	**530**	**1800**

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
Nursery Management of Horticulture crops	1							10	5	15	10	5	15
Training and pruning of orchards	1							10	5	15	10	5	15
Protected cultivation of vegetable crops	1	2	0	2				13	0	13	15	0	15
Commercial fruit production													
Integrated farming													
Seed production	1							15	0	15	15	0	15

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
Production of organic inputs	1							10	5	15	10	5	15
Planting material production	1							15	0	15	15	0	15
Vermiculture													
Mushroom Production													
Beekeeping	1	1		1				9	5	15	10	5	15
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													
Others (Crop diversification, Rhizobium culture use)	2							28	2	30	28	2	30
Integrated Pest and Disease management in vegetable crops	1							13	2	15	13	2	15
Use of Bio-pesticides in different field crops	1							13	2	15	13	2	15
Stored grain pest management	1							15		15	15		15
Paddy straw mushroom cultivation to enhance income generation of SHGs	1							0	15	15	0	15	15
Total	**13**	**3**	**0**	**3**				**151**	**41**	**193**	**154**	**41**	**195**

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	1	3	0	3	1	1	2	5	0	5	9	1	10
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs	1	3	0	3	0	0	0	7	0	7	10	0	10
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													
Integrated Approach for Pest and Disease Management in Cotton to minimize residual effect on environment	1	3	3	6				3	1	4	6	4	10
Invasive Pest and their Management	1	3		3				7		7	10	0	10
Xeriscapeing and land scapeing	1	1	1	2		1	1	5	2	7	6	4	10
Hi tech hort tech.	1	1	1	2		1	1	5	2	7	6	4	10
Total	**6**	**14**	**5**	**19**	**1**	**3**	**4**	**32**	**5**	**37**	**47**	**13**	**60**

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
Home Science	Farmers/farm women	Entrepreneurship development through paddy straw mushroom cultivation	1	On campus	0	25	25	0	25	25
Plant protection	Farmers/farm women	Some important pest and diseases of field crops and their management	1	Off campus	14	11	25	14	11	25

Crop production	Farmers/ farm women	Integrated weed Management in Maize	1	On campus	17	8	25	17	8	25
Home Science	Rural youth	Paddy straw mushroom cultivation to enhance income generation of SHGs	1	On campus	0	15	15	0	15	15
Plant protection	Rural youth	Training programme on Skill training on scientific beekeeping to rural youth	1	On campus	18	12	30	17	12	29
Crop production	Farmers/farm women	Integrated Weed Management in cotton	1	On campus	23	2	25	21	2	23
Crop production	Extension personnel	Introduction of seed production in pigeon pea	1	On campus	9	1	10	6	1	7
Crop production	Farmers/farm women	Integrated Weed Management in Groundnut	1	On campus	20	5	25	20	5	25
Crop production	Farmers/farm women	Integrated Weed Management in Ragi	1	Off campus	19	6	25	19	6	25
Home Science	Farmers/farm women	Nutrition gardening for nutrition security of tribal farm families	1	Off campus	0	25	25	0	25	25
Plant protection	Farmers/farm women	Integrated pest management in cotton	1	On campus	20	5	25	19	5	24
Horticulture	Farmers/farm women	Package of practices on cultivation of dragon fruit	1	On campus	12	13	25	12	13	25
Home Science	Farmers/farm women	Skill training on Paddy straw mushroom cultivation and mushroom spawn production	1	On campus	14	16	30	12	14	26
Crop production	Rural youth	Vocational training on vermicomposting	1	On campus	12	18	30	12	18	30
Plant protection	Extension personnel	Integrated approach for pest and disease management for cotton to minimize residual effect on environment. (In service)	1	On campus	6	4	10	3	1	4
Plant protection	Farmers/farm women	Training programme on integrated pest and disease management in rice	1	Off campus	17	8	25	17	8	25
Plant protection	Rural youth	Training programme on integrated pest	1	On campus	13	2	15	13	2	15

		and disease management in Vegetable crops (RY)								
Horticulture	Farmers/farm women	Agro-techniques for chilli cultivation	2	Off campus	16	9	25	16	8	24
Horticulture	Rural youth	Vocational training on plant propagation technique for rural youth	5	On campus	18	12	30	18	12	30
Home Science	Farmers/farm women	Training on Gender mainstreaming through SHGs	2	On campus	0	25	25	0	25	25
Crop production	Farmers/farm women	Integrated nutrient management in pigeon pea	1	Off campus	8	17	25	8	17	25
Horticulture	Farmers/farm women	Agro techniques for Guava production	2	On campus	17	8	25	17	7	24
Horticulture	Rural youth	High density planting in fruit crops	2	On campus	10	5	15	10	5	15
Plant protection	Farmers/farm women	Integrated pest and disease management in rice.	2	Off campus	9	16	25	9	16	25
Plant protection	Farmers/farm women	Integrated Pest and Disease Management in pulse crops	1	On campus	18	7	25	18	7	25
Plant protection	Farmers/farm women	Training for master trainers for Scientific beekeeping	1	On campus	20	0	20	18	0	18
Crop production	Farmers/farm women	Utilization of residual moisture and nutrient management in rice pulse paira cropping.	2	Off campus	3	22	25	3	22	25
Crop production	Rural youth	NADEP composting and its application	1	On campus	10	5	15	10	5	15
Horticulture	Farmers/farm women	Scientific cultivation practices on onion	1	On campus	22	3	25	21	3	24
Plant protection	Rural youth	Vocational training on Mechanical and biological management of pests and diseases in field crops	1	On campus	21	9	30	21	9	30
Plant protection	Farmers/farm women	Training programme on integrated pest and disease management in cotton	1	Off campus	18	7	25	18	7	25
Plant	Farmers/farm	Training programme	1	On		6	25	12	5	17

protection	women	on integrated pest and disease management in winter vegetable crops.		campus	19					
Crop production	Farmer/Farm women	INM in sunflower	1	Off campus	17	8	25	17	8	25
Crop production	Farmer/Farm women	Preparation of Bio-inputs of Natural farming	1	On campus	7	18	25	5	18	23
Plant protection	Farmer/Farm women	Integrated pest and disease management in oilseed crops	1	Off campus	20	5	25	20	5	25
Plant protection	Farmer/Farm women	Integrated pest and disease management in fruit crops.	1	On campus	22	3	25	22	3	25
Crop production	Farmer/Farm women	Crop diversification in rainfed upland	1	Off campus	25	0	25	25	0	25
Crop production	Farmer/Farm women	INM in greengram	1	On campus	21	4	25	21	4	25
Plant protection	Rural youth	Scientific Beekeeping (RY)	1	On campus	10	5	15	9	5	14
Plant protection	Farmer/Farm women	Identification of pest and their management in fruit crops.	1	On campus	23	2	25	23	2	25
Crop production	Farmer/Farm women	Integrated Nutrient Management in Blackgram	1	Off campus	12	13	25	12	13	25
Plant protection	In -service	Use of invasive pest and their management	2	On campus	10	0	10	7	0	7
Plant protection	Farmers/farm women	Integrated pest and disease management in groundnut	1	On campus	24	1	25	24	1	25
Plant protection	Farmers/farm women	Integrated pest and disease management in greengram and blackgram	1	On campus	25	0	25	25	0	25
Plant protection	Rural youth	Use of bio-pesticide in different field crop	1	On campus	13	2	15	13	2	15
Plant protection	Farmers/farm women	District level training programme on Strengthening of FPOs	1	On campus	20	5	25	14	5	19
Horticulture	Extension personnel	In-service training on “Xeriscapeing, vertical gardening and new technologies in landscaping”	1	On campus	6	4	10	5	3	8
Horticulture	Extension personnel	In-service training on “Hi - Tech Horticultural Technologies in	1	On campus	6	4	10	5	3	8

		Banana"								
Plant protection	Rural youth	Integrated Pest Management in field crops (STRY)	1	On campus	13	2	15	12	2	14
Plant protection	Farmers/farm women	Training on Use of bio-pesticides in different field crops (RY)	1	Off campus	15	0	15	15	0	15
Plant protection	Farmers/farm women	Invasive pests and their management (In-service)	1	On campus	10	0	10	5	0	5
Crop production	Rural youth	Use and importance of Rhizobium culture in pulse crop	1	On campus	13	2	15	13	2	15
Crop production	Farmers/farm women	Integrated Nutrient Management in rice	1	Off campus	18	7	25	18	7	25
Plant protection	Farmers/farm women	District level training programme on Strengthening of FPOs	1	On campus	22	3	25	18	2	20
Horticulture	Rural youth	Importance of protected cultivation in green house /shade net house (RY)	1	Off campus	15	0	15	15	0	15
Horticulture	Rural youth	Plant propagation techniques in fruit crops	1	On campus	10	5	15	10	5	15
Horticulture	Farmers/farm women	Cultivation practices on cashew cultivation	1	On campus	23	2	25	21	2	23
Plant protection	Farmers/farm women	Integrated Pest and Disease Management in mango	1	On campus	25	0	25	25	0	25
Plant protection	Rural youth	Stored grain pest management (RY)	2	On campus	15	0	15	15	0	15
Crop production	Rural youth	Seed Production of sunflower (RY)	2	On campus	15	0	15	15	0	15
Crop production	Rural youth	Crop diversification in rainfed agriculture (RY)	2	On campus	15	0	15		0	15
Crop production	Extension personnel	Preparation of Bio-inputs of Natural farming	2	On campus	7	3	10	7	0	7
Horticulture	Farmers/farm women	Agro-techniques for tomato cultivation	1	On campus	21	4	25	20	4	24
Horticulture	Farmers/farm women	Scientific cultivation for cultivation of okra	1	On campus	19	6	25	17	6	23
Horticulture	Farmers/farm women	Scientific cultivation for cultivation of marigold	1	On campus	8	17	25	8	17	25

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	
Be keeping	Income generating activity	Scientific be keeping	5	15	15	30	Apiary	12	12	-
Paddy straw mushroom	Income generating activity	Paddy straw mushroom cultivation and mushroom spawn production	5	14	16	30	Paddy straw mushroom cultivation	14	14	-
Vermi composting	Income generating activity	Vermicomposting	5	12	18	30	Vermicomposting	7	7	-
Fruit, flower and vegetable	Income generating activity	Plant propagation techniqueue	5	18	12	30	Plant nursery	-	-	-
Field crops	Management of pests and diseases	Mechanical and biological management of pests and diseases in field crops	5	21	9	30	-	-	-	-

*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 (Mechanical and biological management of pests and diseases in field crops)	1	0	0	0	0	0	0	21	9	30	21	9	30
Total	1	0	0	0	0	0	0	21	9	30	21	9	30
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total													
Income generation activities													
Vermicomposting	1	0	0	0	0	0	0	12	18	30	12	18	30
Production of bioagents, biopesticides, biofertilizers etc.													
Repair and maintenance of farm machinery & implements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation (Paddy straw mushroom cultivation and mushroom spawn production)	1	3	1	4	1	0	1	10	15	25	14	16	30
Nursery, grafting etc. (Plant propagation technique)	1	0	0	0	0	0	0	12	18	30	12	18	30
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other ()													

Total	3	3	1	4	1	0	1	34	51	85	38	52	90
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total	**5**	**3**	**1**	**4**	**1**	**0**	**1**	**67**	**78**	**145**	**71**	**79**	**150**

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.	Skill Training for Rural Youth (STRY) on Integrated Pest Management in field crops	Integrated Pest Management	February (Dt.28.02.2025 to Dt.06.03.2025)	6+1 days	RY	1	15	CDAO -cum -PD ATMA, Rayagada.

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													
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 (Integrated Pest Management in crops)	1	1	0	1	0	0	0	12	2	14	13	2	15
Total	1	1	0	1	0	0	0	12	2	14	13	2	15
Post harvest technology and value addition													

Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grand Total													

Good quality photographs of training activity:

	




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	16	557	214	784	78	13	3	16	570	230	800
Kisan Mela	1	76	54	130	94	-	-	-	76	54	130
Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-	-
Exhibition	10	-	-	-	-	-	-	-	-	-	Mass
Film Show	11	585	344	929	81	19	5	24	604	349	953
Method Demonstrations	14	239	181	420	100	7	3	10	246	184	430
Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-	-

Group meetings	24	80	163	243	77	-	-	-	80	163	243
Lectures delivered as resource persons	43	-	-	-	-	65	74	139	-	-	Mass
Advisory Services	44	22447	122511	34968	91	137	55	192	27620	15004	42626
Scientific visit to farmers field	538	42117	625	4842	74	3	4	7	4220	629	4849
Farmers visit to KVK	3073	13211	17522	3073	92	-	-	-	1321	1752	3073
Diagnostic visits	235	11114	257	1130	93	508	17	525	1622	274	1655
Exposure visits	13	293	40	333	96	149	266	414	442	305	747
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	26	-	260	260	100	-	5	5	-	265	265
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify) World Environment Day, Mahila Kisan Divas, ICAR Foundation day, OUAT Foundation day, National Unity Day, World Food Day, World Soil Day, Women in Agriculture Day, Kisan Diwas	9	199	141	340	86	9	-	9	208	141	349
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	6	91	76	167	84	5	6	11	96	82	183

Mahila Kisan Divas	1	-	25	25	100	3	2	5	3	27	30
Any Other (Specify) PM KISAN Yojana (live telecast of Pradhan Mantri Kisan Samman Nidhi Yojana), Live Webcast of 18th Installment Release of the PM-KISAN scheme, live streaming of nationwide launch of National Pest surveillance system, Live Webcast of 19th Installment Release of the PM-KISAN scheme (Kisan Sammaan Samaroh), PPV FRA, Parthenium awareness week, Vigilance Awareness week, Celebration of Jan Jatiya Gaurav Diwas-2024, Swachhata programme Special Campaign 4.0, Plantation programme under 'Ek Ped Maa Ke Naam' Live Webcast of episode of Krishi Choupal, District level Project Launching Workshop-cum- FPO Conclave	13	7641	1565	9206	82	28	3	31	7669	1568	9237
Total	4077	38860	17948	56850	91	946	443	1388	44777	21027	65570

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	18
Radio talks	-
TV talks	6
Popular articles	-
Extension Literature	2
Other, if any (Pamplet, Leaflet)	7

Good quality photographs of Extension activity:

World Environment Day

Webcasting of PM Kisan Nidhi Programmes

Celebration of 96th ICAR Foundation Day

Parthenium Awareness Week

Webcasting of National Pest Survellience System

Kisan Mela

Interaction with farmers and farm women

Exhibition stall

Mahila Kisan Divas

World Food day

FPO member awarded during OUAT Foundation Day

Vigilance Awareness Week

Women in Agriculture Day

Celebration of Jan Jatiya Gaurav Diwas-2024

Exposure visit

Exposure visit

Webcasting of National Pest Survellience System

'Ek Ped Maa Ke Naam' (Plant4Mother) plantation programme

Exhibition stall during Sub-Divisional Level Mela on Farm Mechanization

Swachhata Hi Seva Awareness programme at village Rupapadar

Swachhata Hi Seva programme at Satsanga Bihar campus

Swachhata programme under Special campaign 4.0 : Cleanliness drive at village Patuguda

Awareness on environmental cleanliness (through lectures by KVK scientists, song and dance), Govt. Upper Primary School, Turkaniguda

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
Rice	MTU 1156	126.2	492180.00	-	-	-	-	-	-	-	-
Finger millet	Arjuna	4.0	27600.00	-	-	-	-	-	-	-	-
Pigeon pea	LRG 52	-	-	-	-	-	-	-	-	-	-
Greengram	Virat	-	-	-	-	-	-	-	-	-	-
Grand Total		130.2	519780	-	-	-	-	-	-	-	-

Good quality photographs of seed production:

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											
Cauliflower	Nalini	10000									
Cabbage	Pragati	11500									
Tomato	Arka Rakshak, Arka Samrat and VNR-3357	19600									
Brinjal	Akshita and Utkal	22900									
Chilli	Arka Meghna, Arkha Saanvi, VCH- 01	25730									
Onion		23000									
Knol Khol	Oni	10000									
Others (Drumstick)	ODC-3	2000									
Fruits											
Mango											
Guava											
Lime											
Papaya	Red lady	1670									
Banana	Bantala, Pata Kapura and Champa	500									
Others											
Ornamental plants (Marigold)	Arka Bhanu, Ceracola	30000									
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											

Elephant yams											
Fodder crop saplings	Hybrid Napier										
Forest Species											
Others, pl. specify											
Total											

Good quality photographs of planting materials:

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
Bio-fertilizers	4310	36000.00								
Bio-pesticide	-									
Bio-fungicide	-									
Bio-agents	71.75	18000.00								
Others, please specify.	-									
Total										

Good quality photographs of bio-products:

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	Rainbow rooster and Sonali	900	58500	-	-	-	90	-	-	-	90
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	Rainbow rooster and Sonali	900	58500	-	-	-	90	-	-	-	90

Good quality photographs of livestock and fisheries:

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

i) Name of Seed Hub Centre:

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 2023						
Rabi 2021-22						
Summer/Spring 2023						
Kharif 2023						
Rabi 2022-2023						

iii) Financial Progress

Fund received	Expenditure (Rs. in lakhs)	Unspent	Remarks

(2020-21, 2021-22, 2022-23 and 2023-24)	Infrastructure	Revolving fund	balance (Rs. in lakhs)	
2020-21	-	-	-	-
2021-22				
2022-23				
2023-24				

iv) Infrastructure Development

Item	Progress
Seed processing unit	-
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books	Scientific cultivation of groundnut	Dr. N. Ramu	300	250
	Gramina Mahila Mananka Atmaniyukti pain pala chhatu chasa	Mrs. M. Sarangi	300	200
	Phala O Paniparibaru Mulyayukta Padartha Prashuta	Mrs. M. Sarangi	300	200
Bulletins				
News letter	Bansadhara	Senior Scientist and Head, KVK	500	400
Popular Articles	-			
Book Chapter	-			
Extension Pamphlets/ literature	Natural farming	Dr. N. Ramu	2000	2000
Technical reports	Annual Report, Achievement report, Tribal Sub-Plan, DFI, FPO, Report on Extension Activities	-	-	-
Electronic Publication (CD/DVD etc.)	-	-	-	-
TOTAL				

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.	Name of	Name of course	Name of KVK	Date and	Organized by

No.	program me		personnel and designation	Duration	
1.	Capacity building Training	Capacity building programme on Efficient Administrative and Financial Management	Mrs. Gitanjali Das Junior Steno-cum – Computer Operator	19.06.2024 to 05.07.2024	ICAR- National Institute of Abiotic Stress Management, Baramati, Pune, Maharastra
2.	National seminar	National seminar on Resource management for climate resilient sustainable food production system	Dr. Naram Ramu, SMS (Agronomy)	06.03.2025 to 07.03.2025	Odisha Chapter Indian Society of Agronomy in collaboration with OUAT, Bhubaneswar
3.	National seminar	National seminar on Resource management for climate resilient sustainable food production system	Dr. Anindita Roy, SMS (Horticulture)	06.03.2025 to 07.03.2025	Odisha Chapter Indian Society of Agronomy in collaboration with 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)

IFS Unit enhanced livelihood status of a tribal farmer

Name of farmer	Sri Pradip Kumar Mandangi
Address	Village- L. L. Pur, Block- Gudari Dist.- Rayagada, State- Odisha PIN – 765025
Contact details (Phone, mobile, email Id)	9438050091
Landholding (in ha.)	1.0
Name and description of the farm/ enterprise	Mr. Mandangi was growing Paddy, Cotton, Pigeon pea, Greengram, sesame and ragi in 1.0 ha round the year from where he got Rs. 40000/- per annum.
Economic impact	Mr. Mandangi received an amount of 0.8 lakh from different field crops and Rs. 133000/- from other units. After intervention of KVK and Line departments for technological guidance and financial support Mr. Mandangi is now getting around Rs. 213000/- per annum from the above said units.
Social impact	Mr. Mandangi is a showcase for his model IFS unit with higher return. Presently he is motivating farmers and farm women as well as rural youth of different blocks to adopt on 1 acre model of IFS unit.
Environmental impact	He cultivates the crops by using less quantity of chemical fertilizers and more use of organic manure which are no adverse impact on atmospheric condition.
Horizontal/ Vertical spread	KVK assessed and demonstrated improved varieties of rice, pigeon pea, sweet corn, greengram, blackgram, sesame, ragi and introduced high value vegetable in his IFS unit and also demonstrated on IDM, INM and IPDM in different fruits and vegetables. Under IFS he is also having fishery, poultry, duckery, dairy and mushroom unit.

Good quality photographs (2-3)	  

Flower cultivation a boon for Mr. K. Siba Kumar

Name of farmer	Mr. K. Siba Kumar
Address	Village: Kuturu, block-Gunupur, Dist.- Rayagada, State- Odisha, PIN – 765025
Contact details (Phone, mobile, email Id)	9437779631
Landholding (in ha.)	6.8
Name and description of the farm/ enterprise	Mr. Siba Kumar was growing Paddy- 6 acre, Cotton - 4 acre, Cashew -2 acre and vegetable -4 acre from which he got Rs. 80000/- per annum.
Economic impact	KVK assessed and demonstrated high value vegetable, fruits and flowers such as crysanthum, crossandra, tuberose and marigold. With time to time supervision and guidance of KVK scientists, Mr. Siba Kumar included scientific approaches i.e. INM, IDM and IPDM in vegetables, fruit and flower fields. He is also practicing intercropping method in vegetable field. Mr. Kumar received an amount of 1.5 lakh from different field crops and Rs. 95000.00 from flower cultivation.
Social impact	Mr. Kumar has bagged 1st prize in rose show during 2023-24. He is role model of agri-entrepreneur in Rayagada district.
Environmental impact	
Horizontal/ Vertical spread	The cultivation of high yielding and high value vegetables has been spread in 5 villages and farmers very much interested to cultivate the same crops in large scale due to more profit and high market demand.
Good quality photographs (2-3)	

	  

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

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)

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)
-	-	-	-	-	-

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
-	-	-

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

Sl. No	Name of the Equipment	Qty.
1.	Mridaparikhyak	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			
1	-	262	749	18	-

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.	Seminar/ Lecture	150	1	Smt. Saraswati Majhi, Zilla Parishad Chairman	25	120

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

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
Distribution of QPM	10	232	Tomato, Brinjal, Chilli, Cabbage, Cauliflower, Capsicum, Papaya, Drumstick, Banana
Mushroom spawn and vegetable seed kit distribution for kitchen garden	2	260	Demonstration on paddy straw & oyster mushroom cultivation and nutritional gardening
Visit of Demo units	2	40	Natural farming unit, Strawberry unit, Nursery raising of vegetables Vermicompost production, Azolla cultivation, Backyard poultry rearing, Honey bee rearing Kitchen gardening
Distribution of Newsletter/booklet/ leaflet/Literature	8	532	Newsletter/booklet/ leaflet/Literature

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

No of student trained	No of days stayed
-	-

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
30.09.2024	Sj. Maheswar Sahu BJP leader & President Krushak Morcha	Kisan Mela and Plantation programme under 'Ek Ped Maa Ke Naam'
16.02.2024 19.12.2024	Dr. P.K. Mohanty JD, UEBP, DEE, OUAT, Bhubaneswar	SAC Meeting
19.12.2024	Dr. Gyanaloka Das	SAC Meeting

	ADR, RRTTS, G.Udayagiri, Kandhamal	
19.12.2024	Mr. Manoj Pradhan CDAO-cum-PD ATMA, Rayagada	SAC Meeting, Research- Extension Linkage meeting, PM Kisan programme
19.12.2024	Mr. Dayanidhi Rout DDH, Rayagada	SAC Meeting, Research- Extension Linkage meeting, PM Kisan programme, District level Project Launching Workshop- cum- FPO Conclave
19.12.2024	Mr. Hadibandhu Bhoi CDVO, Rayagada	SAC Meeting, Research- Extension Linkage meeting, PM Kisan programme, District level Project Launching Workshop- cum- FPO Conclave
19.12.2024	Mr. Santosh Ku. Samal DDM, NABARD, Rayagada	SAC Meeting, Research- Extension Linkage meeting, PM Kisan programme, District level Project Launching Workshop- cum- FPO Conclave
19.12.2024	Sushama Prasadi CDPO, Gunupur	SAC Meeting
19.12.2024	Dr. Dayanidhi Bag PD, Watershed	SAC Meeting, PM Kisan programme
19.12.2024	Brundaban Behera ADO, Gunupur	SAC Meeting, Research- Extension Linkage meeting, PM Kisan programme, District level Project Launching Workshop- cum- FPO Conclave
19.12.2024	Jagannath Bindhani ADH, Gunupur	SAC Meeting, Research- Extension Linkage meeting

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)
Scientific beekeeping	97	33	0	6400
Natural farming	175	18	-	-
Sweet corn	75	83	27000	69500
Mushroom cultivation	380	13	0	160
Pigeon pea var. LRG-52	186	84	9500	24000
Use of herbicide in field crops	125	68	8900	22200
Soil testing and making of soil health card	1110	92	12350	20000
Mechanical and bio-logical management of pest and diseases of field crops	30	100	-	-
Vermicompost	190	40	-	18000

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
Pigeon pea var. LRG- 52	450 ha and 1231 farmers
Mushroom production (Paddy straw)	380 farmers, farm women, rural youth and SHGs
Drought tolerant rice variety	300 ha and 650 farmers and farm women

Give information in the same format as given below

Name of farmer	
Address	
Contact details (Phone, mobile, email	

Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	
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

4.4. Details of innovations recorded by the KVK

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	Scientific beekeeping
Name & complete address of the entrepreneur	Krupasindhu Jilakara, Vill-Badasigudu, Block-Rayagada, Dist.- Rayagada
Role of KVK with quantitative data support:	STRY training, regular monitoring and supervision with input support of box, bee colony with accessories and honey extractor
Timeline of the entrepreneurship development	July 2024 to till date
Technical Components of the Enterprise	Supply of input and skill training on its management i.e regular and periodic bottom board cleaning, maintaining healthy and populous colony, regular and periodic dearth feeding, removal of old combs and allowing new comb construction, need based brood comb alteration and need based colony union or division are recommended for scientific beekeeping with *Apis cerana indica*.
Status of entrepreneur before and after the enterprise	Only farming
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic	In addition to honey extraction 6 lt./ box, 2 nos. of new colony/ box. Mr. Jilakara bagged 13- 15% more yield from maize, pigeon pea vegetable and mango.

viability of the enterprise):	
Horizontal spread of enterprise	CRPF battalion Muniguda and Nectar Odisha at Rayagada

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Agriculture, Horticulture	Convergence meeting Training of farmers, farm women, rural youth and extension functionaries, demonstration on improved technology, participation in exhibition & mela, e-pest surveillance, verification of inputs & enterprise
Veterinary	Convergence meeting, participation in exhibition & mela, demonstration on improved technology
Fisheries	Convergence meeting, participation in exhibition & mela
ITDA	Training
NGOs	Capacity building training and demonstration
Nectar Odisha at Rayagada	Capacity building and demonstration
FPO Platform	Convergence meeting, training

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.)
-	-	-	-	-

(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.)
STRY	Skill development of rural youth on Integrated pest management in field crop and vegetable crops	28.02.2025 to 06.03.2025	PD- ATMA	42000.00

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 unit	2010-11	36.11	Vermi-compost Vermin (*Eisenia foetida*)	Vermi-compost Vermin	43.1 q 71.75 kg	6000.00 -	36000 18000	-
2.	Poultry unit	2010-11	24.3	Rainbow rooster and Sonali	Chicks	900	45200	58500	Day one old chicks

				bird					rearing
3.	Azolla unit	2011-12	9.2	Azolla	Green manure	960.0 kg	-	-	-
4.	Mushroom spawn production unit	2010-11	27.6	Paddy straw and Oyster mushroom spawn	Mushroom spawn	2555 bottles		46125	-
5.	Poly house	2010-11	9.11	-	Flower, fruit and vegetable seedlings	156900 nos.			-
6.	Medicinal garden	2017-18	600	64 species	-	-	-	-	-
7.	Honey bee	2019-20	10 nos. box	*Apis cerana indica*	Honey Colony	-	-	-	-
	Total								-

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	
Rice	26.06.2024	12.11.2024	3.0	MTU-1156	Foundation	126.2		492180.00	-
Finger millet	04.06.2024	03.10.2024	0.5	Arjuna	Foundation	4.0		27600.00	-
Pigeon pea	21.06.2024	10.03.2025	1.0	LRG 52	Foundation	6.5 (Approx.)	-	-	-
Greengram	27.01.2025	Continuing	3.0	Virat	Certified	-	-	-	-

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Bio-fertilizers (Vermicompost)	4310	6000.00	36000.00	-
	Bio-agents (Vermin)	71.75	-	18000	-

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

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.	Poultry bird	Rainbow rooster and Sonali	Chicks rearing	900	45200	58500	Day one old chicks rearing

6.5. Utilization of hostel facilities

Accommodation available (No. of beds): 30

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
December 2024	20	2	-
January 2025	20	3	-
February 2025	20	3	-
March 2025	15	6	-
March 2025	20	3	-
Total :	95	17	-

(For whole of the year)

6.6. Utilization of staff quarters: NA

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Krishi Vigyan Kendra, Rayagada (Contingency)	SBI, Gunupur	At/PO- Gunupur District- Rayagada	11116545568
Krishi Vigyan Kendra, Rayagada (Revolving fund)	SBI, Gunupur	At/PO- Gunupur District- Rayagada	30772185783
Krishi Vigyan Kendra, Rayagada CFLD (Pulses)	SBI, Gunupur	At/PO- Gunupur District- Rayagada	42268435297
Krishi Vigyan Kendra, Rayagada CFLD (Oilseeds)	SBI, Gunupur	At/PO- Gunupur District- Rayagada	42268433233
Krishi Vigyan Kendra, Rayagada (RKVY RPL/Upscaling)	SBI, Gunupur	At/PO- Gunupur District- Rayagada	42669627100
Krishi Vigyan Kendra, Rayagada (RKVY Skill Development)	SBI, Gunupur	At/PO- Gunupur District- Rayagada	42669612003
DAMU, KVK, Rayagada	Bank of Maharashtra, Rayagada	Rayagada	60427381585

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	
Groundnut	902250	-	902250		Nil
Sesame	-	902250	-	247144	655106

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

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

2019.5. Utilization of KVK funds during the year 2024-25 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				

1	Pay & Allowances	-	9636000	9993983
2	Traveling allowances	120000	120000	120000
3	HRD	20000	20000	9000
4	Contingencies			
A	Stationary, telephone, postage and other			
B	POL	240000	280000	280000
C	Training			
D	Meals and refreshment			
E	Training materials	180000	180000	180000
F	FLD	90000	90000	90000
G	OFT	90000	90000	90000
H	TSP	1550000	1500000	1500000
I	Swachhata Expenditure	32000	32000	32000
J	PM Kisan	37190	37190	37190
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Library	10000	10000	10000
TOTAL (B)		10000	10000	10000
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		2369190	11995190	12342173

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	20674	581016	498850	187840
2021-22	187840	724876	737744	91395
2022-23	91395	511620	498312	35601
2023-24	35601	1108012	821254	287700
2024-25	287700	557310	600467	244543

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
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
-	-	-	-	-	-

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Sheath blight	Rice	28.09.2017	465	12%	Spraying of Azoxystrobin+Difenoconazole @ 1 ml/litre

BLB	Rice	05.10.2017	525	13%	Spraying of Copper Oxychloride @ 3gm + Plantomycin @ 1 g/lit of water
Blast	Ragi	14.07.2020	165	5%	Spraying of Tricyclazole @ 0.6 g/lt.
YMV	Green gram	02.02.2018	214	11%	Installation of yellow sticky trap and spraying of Azadirachtin 0.15@ 3ml/lit or Flonicamid 50 WG @ 0.4g/lit water
Collar rot	Groundnut	3.08.2019	135	6%	Seed treatment with Carboxin 37.5%+Thiram 37.5% @ 2.5gm/kg and alternative spraying osChlorothalonil75%WP@1.5g/lit and Carbendazim @ 2gm/lit.
Wilting	Tomato	10.11.2017	179	12%	Seed treatment with Metalaxyl+Mancozeb 72% WP @ 2gm/kg, Copper oxychloride 3g+ Plantomycin @ 0.5g/lit water
	Brinjal	10.01.2018	108	9%	Seed treatment with Metalaxyl+Mancozeb 72% WP @ 2gm/kg, Copper oxychloride 3g+ Plantomycin @ 0.5g/lit water
YVMV	Okra	10.02.2017	625	16%	Installation of yellow sticky trap and spraying of Acetamiprid 20% SP @ 0.3g/litre.

8.2. Prevalent diseases in Livestock/Fishery

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

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 (Training-cum-awareness programme under PPV & FR has been conducted at KVK, Kandhamal with collaboration of KVK Rayagada and Gajapati)

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
29.03.2025	-	15	-	-

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

Type of message	No. of messages	No. of farmers covered
Crop	29	42626
Livestock	2	

Fishery	-	
Weather	9	
Marketing	-	
Awareness	1	
Training information	-	
Other	4	
Total	45	

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	-
2.	No. of farmers registered in the portal	-
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
15.09.2024 to 02.10.2024	Swachhata Pledge during Swachhta Hi Seva
17.09.2029	Swachhata Pledge and massive plantation programme under 'Ek Ped Maa Ke Naam'
18.09.2024	Swachhata Hi Seva programme involving school children
19.09.2024	Swachhata Hi Seva programme on zero waste event through SHG mobilization
21.09.2024	Awareness on cleanliness at village, surroundings and in field
20.09.2024	Cleanliness drive at community worship centre Satsang Bihar
22.09.2024	Awareness on cleanliness drive at institution, office, market place, railway station and public places as a part of Swachhata Hi Seva Campaign-2024
02.10.2024 to 08.10.2024	Swachhata programme under Special Campaign 4.0 In KVK instructional farm
09.10.2024 to 15.10.2024	Swachhata programme under Special Campaign 4.0 Village: Armada, Block: Ramnaguda
09.10.2024 to 15.10.2024	Swachhata programme under Special Campaign 4.0 Village: Patuguda, Block: Padmapur
16.10.2024 to 22.10.202	Swachhata programme under Special Campaign 4.0 Village: Kalma, Block: Gunupur
Last day of every week	Cleaning of KVK premises and instructional farm, administrative building, cleaning & sanitation drive in adopted villages, stock taking of waste management, cleanliness of road, drainage, pond, well etc., , cleaning of public places, awareness camp conducted in the adopted villages

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	-	-
2. Basic maintenance	9	600.00

3. Sanitation and SBM	6	-
4. Cleaning and beautification of surrounding areas	8	-
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	7	15390.00
6. Used water for agriculture/ horticulture application	-	-
7. Swachhta Awareness at local level	6	13810.00
8. Swachhta Workshops	1	
9. Swachhta Pledge	4	-
10. Display and Banner	5	1000.00
11. Foster healthy competition	-	-
12. Involvement of print and electronic media	2	-
13. Involving the farmers, farm women and village youth in the adopted villages (no. of adopted village)	329 (5 nos. village)	-
14. No of Staff members involved in the activities	11	-
15. No. of VIP/VVIPs involved in the activities	-	-
16. Any other specific activity (in details)	-	-
Total	-	30800.00

9.6. Observation of National Science day

Date of Observation	Activities undertaken
-	-

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants
Training for master trainers for Scientific beekeeping	28.02.2025 to 06.03.2025	20

9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Govt. Upper Primary School, village- Turkaniguda, block- Gunupur, district- Rayagada	18.09.2024	Swachhata, vermicomposting, organic farming, natural farming	-

Give good quality 1-2 photograph(s)

9.9. Details of '*Pre-Rabi Campaign'* / '*Pre-Kharif Campaign'* Programme

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)
-	11	9	329	-	-

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.	Celebration of Mahila Kisan Divas	1	25	-	-

Please provide good quality photographs:

Mahila Kisan Divas

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
1.	K. Siba Kumar	At- Kuturu PO- Gunupur Mob- 7894073177	Floriculture
2.	Anusai Sabara	At/Po: Putasing, Gunupur, Mob No.:9439336200	Organic vegetable cultivation
3.	Dayanidhi Sabar	At/PO- Laxmanaguda	Mushroom production
4.	Arababu Nimala	At- Kukurguda PO- Gothalpadar Mob- 8280483386	Mushroom production
5.	Kulampir Sabar	At- Podosing, PO- Chalkamba Mob No.- 7848803351	Mushroom production, honey bee rearing and vegetable cultivation
6.	Pitabasa Sabar	At- Bhalerikudia PO- Bagsola Mob No.- 9778366873	Mushroom production
7.	Banabasi Sabar	At- Dandaguda PO- Chalkamba Mob- 9937964464	Mushroom production and vegetable cultivation

8.	Balram Gomango	At/PO- Ghanantri Block-Gunupur Mob. No.- 6372253447	Mushroom production, honey bee rearing
9.	Pramod Kumar Patra	At/PO- Gunupur Mob. No.- 9040320464	Crop production and vegetables
10.	K. P. Bebarta	At/Po: Gunupur, Mob No: 9437338471	Oil Palm Cultivation, Oil seed and vegetables
11.	Bhaskar Nimala	At/PO: Pradhaniguda, Dist: Rayagada , Odisha, Mob.No: 9078125736	Sweet corn
12.	Gobinda Pantia	At/- Pradhaniguda, PO: Gunupur, Dist- Rayagada	Nutritional garden
13.	Mahesh Bidika	At- B.Gumargeda Mob No.- 9348374472	Beekeeping
14.	Sangita Dash	At/Po: Chalkamba, Mob No.:7978945876	Mushroom production
15.	Sarathi Bhuyan	Nuagaon Dist: Rayagada , Odisha, Mob No.-8895903380	Cashew Cultivation
16.	Sankar Nimalu	At/- Pradhaniguda, Gunupur, Mob No.:8144915889	Crop production and vegetables
17.	Pramod Kar	Kalma Dist: Rayagada , Odisha, Mob No.-8455074171	Arhar
18.	Khirod Sabara	Rupapadar Dist: Rayagada Odisha,	Cashew nut
19.	Sadashiv Majhi	At/Po: Jaripanga, Mob No.:8917431071	Crop production and honey bee rearing
20.	Sushila Mohapatra	At/Po: Gumuda, Ramnaguda, Mob No.:9437722226	Mushroom production
21.	Narayan Sabar	Village- Rupapadar	Vegetable cultivation
22.	Partha Panda	At- Gulumunda 7077880193	Crop production and vegetables
23.	Bibhu Prasad Satapathy	At/PO- Gothalpadar 7847031936	IFS
24.	Phalguni Sabar	At- Laxmipur 6371161069	Mushroom grower
25.	Tanka Sabar	At- Ramnaguda 7077425246	Mushroom grower
26.	Debendranath Mishra	At-0 Turkaniguda 9439838421	Crop production and vegetables
27.	Giridhar Bidika	At- Gudari 6370976004	Mushroom grower
28.	Bharav Das	At- Turkaniguda 9040204971	Crop production and vegetables
29.	Rajendra Kumar Nimalu	Pradhaniguda Dist: Rayagada, Odisha Mob no- 9437263404	Beekeeping
30.	Bibhisen Sabar	At- Amiti 7325825288	Mushroom grower
31.	Laxman Murthy	At/- Pradhaniguda, PO:	Sweet corn

	Nimalu	Gunupur, Dist- Rayagada	
32.	Priyanjali Gomango	At- Sitriguda 8763691073	Beekeeping
33.	Mohan Rao Sabar	Chalkamba Dist: Rayagada Odisha, Mob No- 6370646230	Mushroom grower
34.	Sumitra Kadraka	At- Butingi 8599018403	Beekeeping
35.	Premika Patika	At- Bada Sangidi 6372105468	Beekeeping
36.	Sibaprasad Labla	At- Nalpanda 8249687783	Crop production and vegetables
37.	Nimala Gopal	At- Armada 7735376654	Gotary
38.	Chandra Mohan Sabar	At- Tikarapada PO- Ukumba Mob- 6372487088	Integrated Farming System
39.	Trinath Mandangi	At- Khalagumuda PO- Gumuda Mob- 6371551070	Integrated Farming System
40.	Sadananda Sabar	At- Bagsola 7682948026	Pisciculture
41.	Sarat Kumar Sabar	At- Limameda PO- Gunupur Mob- 8093055540	Integrated Farming System
42.	Pradeep Mandangi	At - L.L. Pur PO-Gudari Mob- 9337957493	Integrated Farming System
43.	Chandrasekhar Sabar	At- Srirampur PO- Nilamguda Mob- 7847000065	Crop production, Vegetable cultivation and nursery raising of hybrid vegetables

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	-	-	-

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
-	-	-	-	-	-

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
19.04.2021	IMD	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	Rayagada	Deficit rainfall	8	228	***Change in crop/cropping system:-*** Shifting from traditional crops/varieties to short duration low water requiring crops like cowpea, blackgram, greengram by substituting rice totally. If the main crop is failed cultivation or resowing with fodder (Berseem, Napier) is the best option. Fodders can be harvested at any stage keeping in view sowing of the next *Rabi* season crop. ***Agronomic measures:-*** The recommended dose of nitrogen application should be reduced by 40% and should be applied, as basal and full-recommended dose of P and K should be placed as basal. Furrow sowing of crops at closure plant -to-plant (10cm) distance with wider inter-row spacing (40-50cm) is recommended.

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
…						
..						
Others (If any)						

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.	72	72	1520	1575
	1.2	4-10 days	No.	12	6	360	165
	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.	32	24	576	436
4	**Awareness camps, exposure visits etc.**		No.	4		4	70
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	-	18.9	-	215
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.	200000	202500	2000	2000
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	5000	5144	500	437
	5.7	Honey Bee Colonies	No.	20	20	10	10
	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.	1000	750	1000	95
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.	100	0	100	0
	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	2	2		40
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg	60	60		200
	5.23	Plant growth Promoter	kg	10	10		10
	5.24	Animal Feed	tonnes				
	5.25	Animal Fodder	tonnes				
	5.26	Animal medicines	doses				
	5.27	Any other (Liquid PSB etc.)	Litre		250		10
6	**Services/Facilitation**						
	6.1	Animal Health Camps	No.	2	0	20	0
	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.	300	254	1000	941
	6.5	Promotion of agri-entrepreneurship	No.	4	4	4	4
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.	10	10	10	10
	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.	3500	5720	3500	5720
8	**Employment generation for livelihood**		(Man-months)	1252	526	1252	526
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 TSP in 2024-25 (Rs. In lakh): 1500000.00

12. Details of DAPSC/ SCSP

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)	tones				
	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):

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

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
-	-	-	-	-	-

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	Best progressive farmer awarded on the occasion of OUAT Farmers' Fair	Mr.Tanka Sabar	2024-25	OUAT	-	Best progressive farmer awarded on the occasion of OUAT Farmers' Fair

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)

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
1.	Sweet corn	0.4	Fish –3 q	30200	41000	17	54
2.	Coconut	0.05	80 plants planted	-	-		
3.	Banana	0.05	200 plants planted	-	-		
4.	Vegetable	0.07	Pumpkin and papaya	-	-		

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

Name	Name of the	Date of	Date of	No. of participants	Whether	Fund

of the Job role	certified Trainer of KVK for the Job role	start of training	completion of training	SC		ST		Other		uploaded to SIP Portal (Y/N)	utilized for the training (Rs.)
				M	F	M	F	M	F		
-	-	-	-	-	-	-	-	-	-	-	-

(Please provide good quality photographs)

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	
Integrated Pest Management	Integrated Pest Management in crops	56	-	-	12	2	1	-	13	2	15	42000.00

20. Information on NARI Project (if applicable)

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
-	-	-	-	-	-

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

Assessment of medium duration rice varieties under rainfed condition

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

Field day on Weed management in finger millet

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

Preparation of Jivamrita and Bijamrita

Training to CRPF personnel on Scientific beekeeping

Strawberry Demo unit

Demonstration on brooding management in chicks

Plantation programme under 'Ek Ped Maa Ke Naam' by Sj. Maheswar Sahu, BJP leader & President Krushak Morcha	Exhibition stall during Kisan Mela
 Live Webcast of 19th Installment Release of the PM-KISAN scheme (Kisan Sammaan Samaroh)	 District level Project Launching Workshop- cum-FPO Conclave

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