PROFORMA FOR ANNUAL REPORT 2022 (January-December 2022)

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	
KVK,Nabarangpur P.O-Badakumari,Umerkote Dist.-Nabarangpur,Odisha Pin-764073	06866270530	06866270530	nabarangapurkvk@yahoo.co.in kvknabarangapur.ouat@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology,Bhubaneswar-751003,Odisha	0674-2397362	0674-2397362	deanextensionouat@yahoo.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr Gobind Chandra Sahoo			kvknabarangapur.ouat@gmail.com

1.4. Year of sanction of KVK: 2004

1.5. Staff Position (**as on 1st January, 2022**)

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.G.C.Sahoo	Scientist(Soil science) cum Senior Scientist & Head (i/c)	Soil Science		05.05.2006	Contractual	OBC
2	Subject Matter Specialist	Dr .Paritosh Murmu	Scientist (agronomy)	Agronomy	17610 + 6000	01.01.2016	Contractual	ST
3	Subject Matter Specialist	Sh . Rudra P Mohalik	Subject Matter Specialist (PP)	Nematology	15600+5400	20.06.2018	Contractual	SC
4	Subject Matter Specialist							
5	Subject Matter Specialist							
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Mirs. Shubhasri Sahoo	Prgramme Assistant	Home Science	15100+4200	09.10.2006	Contractual	GEN
9	Computer Programmer							
10	Farm Manager	Miss Binapani Taria	Farm Manager	Horticulture	10560+4200	06.02.2015	Contractual	SC
11	Accountant / Superintendent							
12	Stenographer	Sh . Ratiranjan Behera	Jr. Steno cum computer Operator	Stenography	5200 + 2400	18.03.2019	Contractual	SEBC
13.	Driver	Shri Janmejaya Sahoo	Driver-cum-Mechanic	-	7400+1900	25.07.2008	Contractual	GEN
14.	Driver	Shri Rajanikanta Pattaniak	Driver-cum-Mechanic	-	7400+1900	28.07.2008	Contractual	GEN
15.	Supporting staff							
16.	Supporting staff							

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	2.5
2.	Under Demonstration Units	0.2
3.	Under Crops	9.5
4.	Orchard/Agro-forestry	3.6
5.	Old Mango Orchard	0.8
6	New Mango Orchard	1.2
7	Cashew Orchard	1.2
8	Lemon Orchard	0.6
9	Litchi Orchard	0.4
	Total	20

:

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					Completed			ICAR
2.	Farmers Hostel	Nil							
3.	Staff Quarters (6)							Damged condition but used	
4.	Piggery unit	Nil							
5	Fencing	Nil							
6	Rain Water	Nil							

	harvesting structure								
7	Threshing floor	Old One						1 used	
8	Farm godown	Nil							
9.	Dairy unit	Nil							
10.	Poultry unit	Nil							
11.	Goatary unit	Nil							
12.	Mushroom Lab	Nil						Used	
13.	Mushroom production unit	Nil						Used	
14.	Shade house	Nil							
15.	Soil test Lab	Already exist						Used	
16	Others, Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	29.06.2012	650000	137000	Running condition
Motor Bike	2012	55000	10251	Running condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Mridhaparikshyak	2017	86800	Working	ICAR
b. Farm machinery				
Tractor	2001	Rs.3,42,068/-	Running condition	DPP,OUAT
Pwer Tiller	2012	Rs.59,000/-	Running condition	DPP,OUAT
c.AV Aids				

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund

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.	3.12.2022	30 nos	**Seed multiplication of HYV of Ragi should be carried out in KVK farm**	**Production of foundation seed of High Yielding Ragi var. VL Mandua 352 has been taken up in 1.5 ha of land at KVK Instructional farm**	
			Seed production of major crops at village level involving local farmers	**CFLD on Blackgram (20 ha, 50 beneficiaries), CFLD on Arhar , 10 ha, 25 beneficiaries, CFLD on Groundnut 10 ha, 25 no. of beneficiaries during Kharif 2022 were taken under CFLD and**	

				farmers are mobilised for production of TL seeds for local use by other farmers. **In rabi season 10 ha ofChick pea also taken under CFLD and farmers will produce TL seeds .** **Seed Production of Hybrid Maize var. Kalingaraj in 0.4 ha of land will be taken up in KVK farm during rabi,2022-23.** **Publication of Seed production of groundnut (500 copies) .**	
			Popularization of climate resilient agriculture in farmers field	**FLD on drought resistant Arhar var. PRG 176 (4 ha, 10 beneficiaries)** **CFLD on drought and water logging tolerant climate resilient Groundnut var. K- 1812 (10 ha)** **OFT for varietal evaluation of Ragi var. Arjun and Kalua has been taken up in farmers field.** **Apple Ber var. Sundari (200 no.), var. Ball Sundari (200 no.) var. Miss India (200 no.) has been provided to 600 no. of Farmers in 07 no. of villages .**	
			Programmes for nutritional security	**Nutritional gardens has been promoted in 5 no. of villages (Chikalpadar, Bhamini, Junapani, Managuda and Nayakguda involving 100 no. of beneficiaries.** **FLD on Biofortified sweet potato varieties Bhukrishna and Bhusona in Nutri-garden has been conducted in 3 villages (Bhamini, Chikalpadar and**	

				Nayakguda) involving 10 nos. Of beneficiaries. **500 no. of 21 days old chicks (Kadaknath breed) have been provided to 100 no. of tribal farmer in 10 no. of villages.**	
			Training and Guidance to Rural youth on Mushroom production	**75 no. of rural youth has been trained on Mushroom production for self employment.** **Training on spawn production will be taken up in ensuing Rabi,2022-23**	
			Demos on location specific organic agriculture	**Organic nutritional Garden has been developed in 2 no. of villages (Chikalpadar, Nayakguda) involving 20 no. of farmers.** **700 no, Pheromone traps, 100 no. Trico cards are provided to 160 no. of farmers.** **Organic strawberry cultivation has been demonostrated to farmers in KVK Demo Unit**	
			Trials on location specific agriculture in natural farming.	**3 tier Natural Farming system (Teak- blackpepper – green cardamom) has been developed at KVK Instructional Farm**	
			Popularisation of improved breed of poultry like kadaknath and banaraja	**500 no. of poultry bird (Kadaknath) has been provided to 100 no. of tribal farmers in 10 no. of villages for low cost backyard poultry farming .** **500 no. of poultry bird (Banaraja) has been provided to 100 no. of tribal farmers in 10 no. of villages for low cost backyard poultry farming .**	
			Popularisation of Rearing of Honey Bee.	**A honey bee demo unit with 17**	

				no. of honey bee boxes have been installed at KVK Campus. **10 no. of exposure visits were given to 100 no. of farmers and 100 no. of school students** **50 no. of Honey bee boxes will be distributed to 25 no. of tribal farmers during this rabi, 2022-23.** **04 no. of trainings are imparted to 100 no. farmers and farmwomen on Honey bee rearing.**	
			Popularisation of turmeric and ginger in the district	**Awareness and training on Turmeric and ginger cultivation was imparted to 500 no. of farmers and farm women through 10 no. of awareness programmes and 10 no. of exposure visits to KVK Demo unit.** **Intercropping of turmeric in litchi orchard has been taken up.**	
			Popularisation of floriculture	**4 nos. of trainings to 100 farmers and farm women on marigold, gerbera, night jashmine, and rose cultivation and 2 nos. of trainings to rural youth on commercial floriculture have been conducted.**	
			Popularization of cultivation of Medicinal plants.	**A Medicinal garden with 72 types of medicinal plants at KVK campus is maintained which has given exposure to 500 no. of farmers and farmwomen, 105 nos. of school students.**	

				550 nos. of seedlings of common and useful medicinal plants have been provided to local schools, Anganwadi centres and govt. hospitals for development of medicinal garden in their campus	
			Strengthening of Farmers Scientist Interaction by use of ICT and Social Media	**Video conferencing, 04 no. of whatsapp Groups are formed for delivering advices in agriculture and allied fields to the farmers and farm women.** **Reseach – Extension Linkage meeting is conducted on every 3rd Tuesday for disseminating new technologies and receiving field problems**	
			Development of tribal farmers and farm women through agri-enterpreneurship.	**05nos. Of Rural youth trainings are imparted to 75 no. rural youth on mushroom production technology.** **04 nos. Rural youth trainings are imparted to 60 no. rural youth on vermitechnology.** **02 nos. Of Rural youth trainings are imparted to 30 no. rural youth on Honey bee rearing.** **02 no. of trainings on commercial floriculture covering 30 no. of rural youths will be imparted in rabi season,2022-23.** **02 no. of trainings on protected vegetable cultivation covering 30 no. of rural youths will be imparted in rabi season,2022-23.** **.**	
			Promotion of value addition in Maize and	**09 no. of Awareness**	

			ragi	**programmes covering 450 no. of farmers and farmwomen from 10 no. of villages** **05 no. of trainings were conducted in 05 no. of villages covering 125 no. of farmers and farmwomen.**	
			Guidance and support to FPO	**2 no. of FPOs (Maa Pendrani Krushak Producer company limited, Umerkote and Mahuli Maa Maize Mandi Producer company Ltd , Raighar) have been provided technological back stopping through trainings and supply of POP(Package and Practices) in Maize and rice cultivation ,mushroom cultivation , ragi cultivation , value addition in ragi ,quality planting material production to FPO members .**	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2022)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-Maize-Redgram
2	Agro-climatic Zone	Eastern Ghat High Land
3	Agro ecological situation	Eastern Ghat High Land zone of Odisha
4	Soil type	Sandy Clay Loam ,Mixed red and Black soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice- 1790 kgs/ha,Maize-3318 kgs/ha,Ragi-822 kgs/ha,Red gram-858 kgs/ha,Groundnut-1100 kgs/ha
6	Mean yearly temperature, rainfall, humidity of the district	Mean annual temperature-24.8˚C Mean annual rainfall-1569mm,Mean annual humidity-58%
7	Production of major livestock products like milk, egg, meat etc.	Milk

Note: Please give recent data only

2.b. Details of operational area / villages (2022)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
		Umerkote	Chikalpador	➢ Groundnut ➢ Rice ➢ Vegetables	➢ Cultivation of cereals not growing of pulses leades to soil deterioration ➢ High incidence of Rice stem borer	➢ Crop diversification with pulses ➢ Integrated pest management ➢ Integrated pest management ➢ Nutritional food security ➢ ➢ Backyard poultry rearing ➢ Mushroom cultivation

		Jharigaon	Monguda	➢ Maize ➢ Rice ➢ Tomato ➢ vegetables	➢ Cracking of tomato fruit ➢ Indiscriminate use of nitrogen fertilizer ➢ Malnutrition	➢ Integrated nutrient management ➢ Prcessing and value addition ➢ Crop diversification with pulses ➢ Nutritional food security ➢ Backyard poultry rearing ➢ Integrated pest management ➢ Mushroom cultivation
		Nandahandi	Sindhiguda	Rice Blackgram Sugarcane Vegetables	➢ Cultivation of cereals not growing of pulses leades to soil deterioration ➢ Indiscriminate use of chemical fertilizer ➢ Malnutrition	➢ Crop diversification with pulses ➢ Integrated pest management ➢ Integrated nutrient management ➢ Backyard poultry rearing ➢ Mushrom cultivation ➢ Nutritional food security
		Raighar	Chatabeda	Maize Rice Vegetables	➢ Cultivation of cereals not growing of pulses leades to soil deterioration ➢ Indiscriminate use of chemical fertilizer ➢ Malnutrition	➢ Integrated nutrient management ➢ Mushroom cultivation ➢ Integrated pest management ➢ Processing and value addition ➢ Backyard poultry rearing ➢ Nutritional food security

		Dabugaon	Junapani	Maiz Rice Vegetables	➢ Cultivation of cereals not growing of pulses leades to soil deterioration ➢ Indiscriminate use of chemical fertilizer ➢ Malnutrition	➢ Processing and Value addition ➢ Integrated nutrient management ➢ Integrated pest management ➢ Nutritional food security ➢ Backyard poultry rearing ➢ Mushroom cultivation

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2021-22) for its development and action plan

Name of village	Block	Action taken for development
Monoguda	Jharigan	➢ Assessment of Rice variety "HASANTA" for BPH management ➢ Demonstration on Intercropping of Cowpea in Maize ➢ FLD on application of vermicompost with bioinnoculants in tomato ➢ Assessment of kharif onion to substitute maize in upland ➢ Assessment of yield potential of Oyster mushroom from different substrates
Chikalpador	Umerkote	➢ Assessment of Herbicide(Pretilachlor 6%+ Pyrazosulfuron Ethyl 0.15% GR) for weed management in transplanted Rice

		➢ Assessment of split application of nitrogen in Maize ➢ FLD on application of lime with bioinnoculants in maize ➢ Assessment of tissue culture banana ➢ Cfld on chickpea Assessment of different breeds of poultry birds for backyard rearing
Junapani	Dabugaon	➢ Demonstration on Intercropping of Black gram in Maize ➢ Assessment of foliar application of Boron and Molybdenum in caulioflower ➢ Assessment of IPM module for management of thrips in onion ➢ Demonstration on Papaya variety Red Lady Demonstration on Nutritional garden for improving nutritional security of farm women
Bhamini	Umerkote	4 nos. of trainings to 100 farmers and farm women on marigold, gerbera, night jashmine, and rose cultivation and 2 nos. of trainings to rural youth on commercial floriculture have been conducted
Chatabeda	Raighar	➢ Demonstration on Weed Management in Maize ➢ FLD on INM in Brinjal ➢ Demonstration on Marigold variety BM2

2.1 Priority thrust areas

S. No	Thrust area
1.	Soil health & fertility management
2.	Crop substitution & cropping system
3.	Weed management
4.	Pest & disease management
5.	Mushroom Cultivation
6.	Backyard poultry rearing
7.	Dry land Farming
8.	Nutritional Food Security
9.	Drudgery Reduction
10.	Non land enterprises
11.	Fruit & Vegetable Cultivation
12.	Marketing awareness

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
6	6	42	10	0	32	0	0	0	42	0	42	16	16	160	16	0	144	0		0	160	0	160

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
55	55	1375	183	32	780	380	0	0			1375	500	863	5000	1679	540	6870	2050	207	130			11,423

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
20	20	2	0	8	0	3	2	0	0	1	5000	11,423	0	3	7	2	3	3	10	8	18

										5										

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
46q	63.27	50000	55000

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
--	--	1000	1000

* 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	-						
Bulletins	-						
News letter	1	500					
Popular Articles	-						
Book Chapter	-						
Extension Pamphlets/ literature	-						
Technical reports	-						
Electronic Publication (CD/DVD etc)	-						
TOTAL	1	500					

1 Achievements on technologies assessed and refined

OFT-1:

1.	Title of On farm Trial	**Assessment of Finger millet varieties**	
2.	Problem diagnosed	**Low yield due to the local variety (Nali mandia)**	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**T O_1**	**Finger millet variety Arjun (OEB 526)**
		T O_2	**Finger millet variety Kalua (OEB 532)**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**AICRP on Millet,CPR, Berhampur, OUAT- 2016 (Annual Report 2016-17, OUAT)**	
5.	Production system and thematic area	Rainfed medium land, varietal substitution	
6.	Performance of the Technology with performance indicators	**Plant height(cm), No.tillers/plant(nos.), no. of fingers/ear**	
7.	Final recommendation for micro level situation	Farmers are recommended to adopt Arjun var. of ragi	

8.	Constraints identified and feedback for research	No such constraints faced
9.	Process of farmers participation and their reaction	Framer scientists interaction

Thematic area: Varietal substitution

Problem definition: **Low yield due to the local variety (Nali mandia)**

Technology assessed:

T O_1	**Finger millet variety Arjun (OEB 526)**
T O_2	**Finger millet variety Kalua (OEB 532)**

Table:

Technology option	No. of 7trials	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 FINGER/EAR	Test wt. (100 grain wt.)						
FP	7	**2.17**	**3.08**			7.5	15000	28000	**13000**	1.86
TO1	7	**4.25**	**5.46**			13.5	21000	53000	**32000**	2.52

TO2	7	3.55	5.08			11.15	20000	44600	24600	2.23

OFT-2

1.	Title of On farm Trial	**Assessment of herbicide for weed management in transplanted rice**
2.	Problem diagnosed	**Low yield of rice due to heavy weed infestation**
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**FP** — **Pyrazosulfuron ethyl 10% WP (Sathi) @300 g/ha as PE followed by one hand weeding at 30 DAT** **T O_1** — **Post-emergence application of Bispyribac Sodium @ 20 g a.i/ ha + Almix @ 4 g a.i/ ha at 20 DAT** **T O_2** — **Post-emergence application of Bispyribac Sodium @ 20 g a.i/ ha + Ethoxysulfuron @ 15 g a.i/ ha at 20 DAT**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**AICRP on Weed Management, OUAT, SLREC Proceedings 2013**

5.	Production system and thematic area	Rainfed medium land, Weed management
6.	Performance of the Technology with performance indicators	**Weed biomass(g/m^2), WCE (%)**
7.	Final recommendation for micro level situation	**Farmers are recommended to apply Post-emergence application of Bispyribac Sodium @ 20 g a.i/ ha + Ethoxysulfuron @ 15 g a.i/ ha at 20 DAT for better weed management in transplanted rice**
8.	Constraints identified and feedback for research	No such constraints faced
9.	Process of farmers participation and their reaction	Farmer scientists interaction

Thematic area: Weed management

Problem definition: **Low yield of rice due to heavy weed infestation**

Technology assessed:

FP	**Pyrazosulfuron ethyl 10% WP (Sathi) @300 g/ha as PE followed by one hand weeding at 30 DAT**

T O_1	**Post-emergence application of Bispyribac Sodium @ 20 g a.i/ ha + Almix @ 4 g a.i/ ha at 20 DAT**
T O_2	**Post-emergence application of Bispyribac Sodium @ 20 g a.i/ ha + Ethoxysulfuron @ 15 g a.i/ ha at 20 DAT**

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
		Weed Biomass(g/m^2) at 40 DAT	Weed control efficiency(%)	Test wt. (100 grain wt.)						
FP	7	46.45 g	69.89 %			32.25	25000	61275	36275	2.45
TO1	7	26.85 g	87.24%			36.85	28000	70015	42015	2.50
TO2	7	23.59g	89.76%			37.95	28500	72105	43605	2.53

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.	Rice	Weed management	**Application of pyrazosulfuron ethyl (Sathi) @ 20 g/ha as pre-emergence stage i.e**	4	4	10						10			

			0-3 DAS followed by Bispyribac sodium @ 25 g/ha as post-emergence i.e 25 DAS						
2.	Maize	Weed management	**Pre-emergence application of Atrazine @ 1.5 kg a.i/ha + Tembotrione (Laudis) 120g a.i/ha at 25 DAS**	4	4	10		10	
3.	Arhar	Varietal substitution	**ICPL 14003/ (PRG 176) released from the Regional Agricultural Research Station (RARS), The variety has yield potential of 2.5 tons per ha and matures in 130 days. It is resistant to terminal drought**	4	4	10		10	
4.	Groundnut	Weed management	**Pre-emergence application of Oxyfluorfen @ 0.04kg/ha ,followed by early post emergence of Imazathepyr @0.12kg/ha.**	4	4	10		10	
5	Maize	Nutrient management	**Soil application of Azospirillum @ 4kg/ha along with Boron 0.5 kg/ha and Zinc 2.5 kg/ha supplementation to soil test based NPK fertilizers**	4	4	10		10	
6	Black gram	Nutrient management	**Application of NPKS @ 18-20-16-20kg /ha at sowing and 2% DAP spray at branching and pod initiation stage of urd bean**	4	4	10		10	
7	Onion	Varietal substitution	**Onion variety Line 883**	1	1	10		10	
8	Rice	IDM	**Seed treatment with *Pseudomonas***	4	4	10		10	

			***fluorescens* @10g/kg of seed, spraying of Streptocycline @ 300 ppm + COC @ 0.3% at the initiation of the disease.**						
9	Rice	IPM	**Nursery treatment with Cartap hydrochloride 4G@ 0.8 kg a.i. per hactare, + alternate spraying of Neem oil 3000ppm and Indoxacarb 18.5SL@1ml/litre at 55DAT + twice release of *T. chilonis* @ 50,000/ha 7days after spraying.**	4	4	10		10	
10	Maize	IPM	Dusting 1.5 D % Chlorpyriphos in bund+ Spraying of Chloropyriphos + Cypermethrin @ 2 ml/ lit and Chlorantraniliprole 18.5% SC @ 0.4 ml/ lit and alternatively at 10 DAI.	4	4	10		10	
11	Chilli	IPM	**Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT can significantly reduce the incidence of sucking pest complex (thrips and mite) in chilli**	4	4	10		10	
12	Pady straw mushroom	Varietal substitution	Introduction of *Volvariella volvacea* OSM-12 strain for higher productivity	10 SHG	10SHG	10		10	
13	Oyster mushroom	Varietal substitution	Introduction of a high yielding variety for higher productivity	10 SHG	10SHG	10		10	

			(***Pleurotus ostreatus)***						

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					
Rice	Kharif	Rainfed	Alfisol	112	23	265	Maize	02.07..2022	9.11.2023		
Maize	Kharif	Rainfed	Alfisol	124	21	271	No	15.07..2022	7.11.2023		
Arhar	Kharif	Rainfed	Alfisol	104.6	24.1 -	248.8	Maize	17.07..2022	12.02.2023		
Groundnut	Kharif	Rainfed	Alfisol	104.6	24.1 -	248.8	Maize	15.07..2022	7.11.2023		
Maize	Kharif	Rainfed	Alfisol	112	23	265	Maize	02.11..2022	9.02.2023		
Black gram	Kharif	Rainfed	Alfisol	124	21	271	No	15.07.2022	12.11.2023		
Onion	Kharif	Rainfed	Alfisol	104.6	24.1 -	248.8	Maize	12.07.2022	02.11.2023		
Rice	Kharif	Rainfed	Alfisol	112	23	265	Maize	02.07..2022	9.11.2023		
Rice	Kharif	Rainfed	Alfisol	110.8	11.2	262.8	Rice	15.07.2022	12.11.2023		
Maize	Kharif	Rainfed	Alfisol	110.8	11.2	262.8	Maize	15.11.2022	12.11.2023		
Chilli	Rabi	Irrigated	Alfisol	124	21	271	Maize	19.11..2022	03.02.2		

									023		
Pady straw mushroom	Kharif	Rainfed		124	21	271	No				
Oyster mushroom	Rabi	Irrigated		104.6	24.1 -	248.8	Maize				

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
Maize	Weed management	**Pre-emergence application of Atrazine @ 1.5 kg a.i/ha + Tembotrione (Laudis) 120g a.i/ha at 25 DAS**	10	4	**56.25**	46.75	20.32	35000	84375	49375	2.41	33000	70125	37125	2.12
DSR	Weed management	**Application of pyrazosulfuron ethyl (Sathi) @ 20 g/ha as pre-emergence stage i.e 0-3 DAS followed by Bispyribac sodium @ 25 g/ha as post-emergence i.e 25 DAS**	10	4	**34.50**	28.65	20.42	25000	65550	40550	2.62	24000	54435	32435	2.26

Rice	IDM	**Seed treatment with *Pseudomonas fluorescens* @10g/kg of seed, spraying of Streptocycline @ 300 ppm + COC @ 0.3% at the initiation of the disease.**	10	4	**39.85**	34.5	15.51	30000	75715	45715	2.52	32000	65550	33550	2.04
Rice	IDM	**Seed treatment with *Pseudomonas fluorescens* @ 10 g/kg seed , 2 foliar sprayings with Trifloxystrobin 25% + Tebuconazole 50% @ 0.2% at 15 days interval starting at 1st appearance of the disease**	10	4	**39.65**	34.5	14.93	30000	75335	45335	2.51	29000	65550	36550	2.26
Rice	IPM	**Nursery treatment with Cartap hydrochloride 4G@ 0.8 kg a.i. per hactare, + alternate spraying of Neem oil 3000ppm and Indoxacarb 18.5SL@1ml/litre at 55DAT + twice release of *T. chilonis* @ 50,000/ha 7days after spraying.**	10	4	**38.85**	33.5	18.69	28000	73815	45815	2.63	27000	63650	36650	2.35
Maize	IPM	Dusting 1.5 D % Chlorpyriphos in bund+ Spraying of Chloropyriphos + Cypermethrin @ 2 ml/ lit and Chlorantraniliprole 18.5% SC @ 0.4 ml/ lit and alternatively at 10 DAI.	10	4	**56.25**	46.75	20.32	32000	84375	52375	2.63	31000	70125	39125	2.26

Arhar	Varietal substitution	**ICPL 14003/ (PRG 176) released from the Regional Agricultural Research Station (RARS), The variety has yield potential of 2.5 tons per ha and matures in 130 days. It is resistant to terminal drought**	10	1	**9.08**	6.35	42.99	24000	63560	39560	2.64	23000	44450	21450	1.93
Groundnut	Weed management	**Pre-emergence application of Oxyfluorfen @ 0.04kg/ha ,followed by early post emergence of Imazathepyr @0.12kg/ha.**	10	4	**14.50**	11.35	27.75	26000	72500	46500	2.78	25000	56750	31750	2.27
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
	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
		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																	
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										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Maize	Weed management with tembotrione is very effective and less cost intensive than manual weeding
2	Arhar	Arhar var. PRG 176 is very good for rainfed areas

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	Field days	15.03.2023, 22.03.2023, 26.03.2023	3	150
2.	Farmers Training	Farmers Training	22.10.2022, 02.11.2022	2	50
3.	Media coverage	Media coverage	07.10.2022, 21.11.2022,03 .12.2022, 11.12.2022, 14.12.2022, 04.03.2023, 12.03.2023	7	350
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2022 and Rabi 2022-23:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Chickpea Rabi,2022-2023	Local	4.75	7.3	8.06	15	1. Improved variety-NBEG-472.Line sowing (30x10cm)and seed treatment with carbendazim	50	20	9.6	8.4	9.0	23.28	11.66	-40.00

							@3 gm /kg of seed 3. Foliar spray of multi-micronutrient Eurostar 2 ml/lit once at prefloweri ng stage and allwin top plus 2ml/lit at flowering stage. 4. Need based pesticide applicatio n profenoph os + cypermey hrin 2 ml /lit of water for pod borer 5.Sprayed chlorotha noil @1.5ml / lit of water. 6.Sprayed acetamipr id @2 ml/lit of water to control white fly								

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	1. Improved variety- NBEG-47 2.Line sowing (30x10cm) and seed treatment with carbendazim @3 gm /kg of seed 3. Foliar spray of multi-micronutrient Eurostar 2 ml/lit once at preflowering stage and allwin top plus 2ml/lit at flowering stage. 4. Need based pesticide application profenophos + cypermeyhrin 2 ml /lit of water for pod borer 5.Sprayed chlorothanoil	22000	33250	11,250	1.5	24000	65600	37,600	2.73

	@1.5ml / lit of water. 6.Sprayed acetamiprid @2 ml/lit of water to control white fly								

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	Chickpea, Improved variety-NBEG-47	**20000**	400	72.80	447	nil	Maintainance of house and paid the bank loan	45 nos.

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	1. Improved variety-NBEG-47 2.Line sowing (30x10cm) and seed treatment with carbendazim @3 gm /kg	Good	Good	High	Nil	Yes	Nil

	of seed 3. Foliar spray of multi-micronutrient Eurostar 2 ml/lit once at preflowering stage and allwin top plus 2ml/lit at flowering stage. 4. Need based pesticide application profenophos + cypermeyhrin 2 ml /lit of water for pod borer 5.Sprayed chlorothanoil @1.5ml / lit of water. 6.Sprayed acetamiprid @2 ml/lit of water to control white fly						

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis	Farmers Feedback

		Local Check	
Variety NBEG-47 Semi erect plant type, kabuli variety , Suitable for mechanical harvesting with good rooting quality, tolerant to drought and wilt. Days to maturity - 90-105 days	Good	Early maturity and better yield in comparison to local variety	No of branches per plant is high,Tolerant to water stress, .No of pods per plant is high

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	**Awareness programme**	**15.12.2022**	**50**
2	**Field visit**	**08.02.2023**	**25**
3	**FIELD DAY**	**12.03.2023**	**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.

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													

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 Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Storage techniques of fertilisers													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
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													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													

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
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
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, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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, if any													
IX. Production of Inputs 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													

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 livestock feed and fodder													
Production of Fish feed													
Others, if any													
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, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	4	0	4	4	0	4	16	6	22	24	6	30
Bee-keeping	1	1	0	1	2	0	2	12	0	12	15	0	15
Integrated farming	1	0	0	0	1	0	1	14	0	14	15	0	15
Seed production													
Production of organic inputs	4	17	-	17	8	-	8	35	-	35	60	-	60
Integrated Farming	1	-	-	-	7	-	7	8	-	8	15	-	15
Planting material production													
Vermi-culture	1	-	-	-	5	-	5	10	-	10	15	-	15
Storage techniques of fertilisersand agrochemicals	1	1	-	1	-	-	-	14	-	-	15	-	15
Sericulture													
Protected cultivation of vegetable crops	1	-	-	-	-	-	-	11	4	15	11	4	15
Commercial fruit production	1	-	-	-	-	-	-	11	4	15	11	4	15
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards	1	-	-	-	-	-	-	11	4	15	11	4	15
Value addition	1	2	0	2	0	0	0	13	0	13	15	0	15
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others- Nutritional garden, Herbal garden	02	1	5	6	0	9	9	0	15	15	1	29	30
TOTAL	17	26	5	31	27	9	36	155	33	174	208	47	255

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	15	-	15	-	-	-	-	-	-	15	-	15
Value addition													
Integrated Pest Management													
Integrated Nutrient management	3	32	0	32	4	0	4	8	1	9	44	1	45
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	01	0	13	13	0	0	0	0	2	2	0	15	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
Nutritional garden)													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs(Mushroom cultivation)	01	1	6	7	0	7	7	0	1	1	1	14	15
Gender mainstreaming through SHGs													
TOTAL	6	48	19	67	4	7	11	8	4	12	60	30	90

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	2	-	-	-	10	15	25	10	15	25	20	30	50
Resource Conservation Technologies													
Cropping Systems	2	-	-	-	10	15	25	10	15	25	20	30	50
Crop Diversification													
Integrated Farming	1	-	-	-	3	5	8	10	7	17	13	12	25
Water management													
Seed production													
Nursery management													
Integrated Crop Management	2	-	-	-	10	15	25	10	15	25	20	30	50
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables	4	-	-	-	10	15	25	46	29	75	56	44	100
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
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													
Training & Pruning	1	-	-	-	-	-	-	18	7	25	18	7	25
c) Ornamental Plants													
Nursery Management													
Management of potted plants	1	-	-	---	-	-	-	18	7	25	18	7	25
Export potential of ornamental plants	1	-	-	---	-	-	-	18	7	25	18	7	25
Propagation techniques of Ornamental Plants	1	-	-	---	-	-	-	18	7	25	18	7	25
Commercial flower production	1	-	-	---	-	-	-	18	7	25	18	7	25
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	4	21	16	37	4	4	8	32	22	54	58	42	99
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops	1	1	0	1	0	0	0	14	0	14	15	0	15
Nutrient Use Efficiency	6	11	0	11				109	30	129	120	30	150
Soil and Water Testing													
Others, if any (Storage techniques of fertilizers and agrochemicals)	1	6	7	13	0	0	0	11	1	12	17	8	25
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal													

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
products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	02	0	2	2	0	0	0	3	45	48	3	47	50
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition(maize and millet)	02	0	1	1	1	0	1	7	41	48	8	42	50
Income generation activities for empowerment of rural Women (mushroom cultivation)	02	0	0	0	0	0	0	2	33	35	2	33	35
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any(Herbal garden for health security)	01	0	7	7	0	6	6	0	12	12	0	25	25
VI.Agril. Engineering													
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, if any													
VII. Plant Protection													
Integrated Pest Management	4	7	3	10	16	4	20	55	15	70	78	22	100
Integrated Disease Management	4	8	2	10	14	6	20	62	8	70	84	16	100
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its													

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
application to fish pond, like nursery, rearing & stocking pond													
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, if any													
IX. Production of Inputs 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													
Others, if any													
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, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	41	54	38	92	68	70	138	461	308	759	584	416	999

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
Mushroom Production	01	0	0	0	0	0	0	0	10	10	0	10	1

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
													0
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	01	0	0	0	0	0	0	0	10	10	0	10	10

F) Extension Personnel (Off Campus)

Thematic Area	No. of Course	No. of Participants			Grand Total
		Other	SC	ST	

	s	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													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL													

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	2	-	-	-	10	15	25	10	15	25	20	30	50
Resource Conservation Technologies													
Cropping Systems	2	-	-	-	10	15	25	10	15	25	20	30	50
Crop Diversification													
Integrated Farming	1	-	-	-	3	5	8	10	7	17	13	12	25
Water management													
Seed production													
Nursery management													
Integrated Crop Management	2	-	-	-	10	15	25	10	15	25	20	30	50
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
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
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables	4	-	-	-	10	15	25	46	29	75	56	44	100
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
Training & Pruning	1	-	-	-	-	-	-	18	7	25	18	7	25
c) Ornamental Plants													
Nursery Management													
Management of potted plants	1	-	-	---	-	-	-	18	7	25	18	7	25
Export potential of ornamental plants	1	-	-	---	-	-	-	18	7	25	18	7	25
Propagation techniques of Ornamental Plants	1	-	-	---	-	-	-	18	7	25	18	7	25
Commercial flower production	1	-	-	---	-	-	-	18	7	25	18	7	25
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													

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													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	4	21	16	37	4	4	8	32	22	54	58	42	99
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops	1	1	0	1	0	0	0	14	0	14	15	0	15
Nutrient Use Efficiency	6	11	0	11				109	30	129	120	30	150
Soil and Water Testing													
Storage techniques of fertilisers	1	6	7	13	0	0	0	11	1	12	17	8	25
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	02	0	2	2	0	0	0	3	45	48	3	47	50
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													

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
Storage loss minimization techniques													
Enterprise development													
Value addition (maize and millet)	02	0	1	1	1	0	1	7	41	48	8	42	50
Income generation activities for empowerment of rural Women (mushroom cultivation)	02	0	0	0	0	0	0	2	33	35	2	33	35
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any(herbal garden for health security)	01	0	7	7	0	6	6	0	12	12	0	25	25
TOTAL													
VI. Agril. Engineering													
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, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management	4	7	3	10	16	4	20	55	15	70	78	22	100
Integrated Disease Management	4	8	2	10	14	6	20	62	8	70	84	16	100
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													

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
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs 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													
Others, if any													
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, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	43	54	38	92	78	85	163	471	323	784	604	446	1049

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
Mushroom Production	3	4	0	4	4	0	4	16	16	32	24	16	40
Bee-keeping	1	1	0	1	2	0	2	12	0	12	15	0	15
Integrated farming	2	-	-	-	6	-	6	24	-	24	30	-	30
Seed production													
Production of organic inputs	4	17	-	17	8	-	8	35	-	35	60	-	60
Planting material production													
Vermi-culture	1	-	-	-	7	-	7	8	-	8	15	-	15
Sericulture													
Protected cultivation of vegetable crops	1	-	-	-	-	-	-	11	4	15	11	4	15
Commercial fruit production	1	-	-	-	-	-	-	11	4	15	11	4	15
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards	1	-	-	-	-	-	-	11	4	15	11	4	15
Value addition	1	2	0	2	0	0	0	13	0	13	15	0	15
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
Others if any Nutritional garden, Herbal garden)	02	1	5	6	0	9	9	0	15	15	1	29	30

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
	17	25	5	30	27	9	36	141	43	184	193	57	250

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	15	-	15	-	-	-	-	-	-	15	-	15
Integrated Pest Management													
Integrated Nutrient management	3	32	-	32	4	-	4	8	1	9	44	1	45
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security(Nutritional garden)	01	0	13	13	0	0	0	0	2	2	0	15	15
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs(Mushroom cultivation)	01	1	6	7	0	7	7	0	1	1	1	14	15
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	6	48	19	67	4	7	11	8	4	12	60	30	90

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
Agronomy	F & FW	Improve package of practices of rabi pulses	1 day	Off	19	6	25	19	6	25
Agronomy	F & FW	Post-harvest loss management in cereals &	1 day	Off	18	7	25	18	7	25

		pulses								
Agronomy	F & FW	Pond based IFS	1 day	Off	17	8	25	17	8	25
Agronomy	F & FW	Organic Farming	1 day	Off	15	10	25	15	10	25
Agronomy	F & FW	Non-land based farming for socio-economic development of tribal farmer	1 day	Off	12	13	25	12	13	25
Agronomy	F & FW	Cultivation practices of off-season tomato	1 day	Off	17	8	25	17	8	25
Agronomy	F & FW	Package of practices of summer vegetables	1 day	Off	19	6	25	19	6	25
Agronomy	F & FW	Scientific method of sunflower cultivation	1 day	Off	20	5	25	20	5	25
Agronomy	F & FW	Scientific method of finger millet cultivation	1 day	Off	15	10	25	15	10	25
Agronomy	RY	Vermitechnology	2 days	ON	15	-	15	15	-	15
Agronomy	RY	Organic Farming	2 days	ON	15	-	15	15	-	15
Agronomy	RY	Pond-based IFS	2 days	ON	12	3	15	12	3	15
Agronomy	RY	Role of women in crop cultivation	2 days	ON	11	4	15	11	4	15
Agronomy	EF	Integrated farming system	1 day	ON	15	-	15	-	-	-
Agronomy		Weed management and identification of plant growth regulators	1 day	ON	15	-	15	-	-	-
Soil Science	F&FW	INM in rice	1 day	OFF	14	11	25	11	10	21
Soil Science	F&FW	INM in Maize	1 day	OFF	14	11	25	13	10	23
Soil Science	F&FW	INM in cauliflower and cabbage	1 day	OFF	15	10	25	13	10	23
Soil Science	F&FW	INM in Brinjal and tomato	1 day	OFF	15	10	25	7	3	10
Soil Science	F&FW	Appliocation techniques of fertilizers in vegetable crops	1 day	OFF	25	0	25	5	3	8
Soil	F&FW	Micronutrient Management in	1 day	OFF	24	1	25	24	0	24

Science		cole crops								
Soil Science	F&FW	Use of LCC in rice	1 day	OFF	21	4	25	11	4	15
Soil Science	F&FW	Use of LCC in Maize	1 day	OFF	15	10	25	15	10	25
Soil Science	F&FW	Use of soluble fertilizer in rice	1 day	OFF	15	10	25	15	10	25
Soil Science	F&FW	Use of soluble fertilizer in blackgram	1 day	OFF	25	0	25	25	0	25
Soil Science	F&FW	Use of rhizobium in pulse crop	1 day	OFF	19	6	25	19	6	25
Soil Science	F&FW	Storage techniques of fertilizers and agrochemicals	1 day	OFF	17	8	25	11	1	12
Soil Science	RY	Organic farming	2 days	ON	15	0	15	14	0	14
		Storage techniques of fertilizers and agrochemicals	2 days	ON	15	0	15	14	0	14
		Production techniques of vermicompost	2 days	ON	15	0	15	6	0	6
		Production techniques of Azolla and BGA	2 days	ON	15	0	15	6	0	6
	EF	Identification of nutrient deficiency in crop plant and their remedies	1 day	ON	15	0	15	6	0	6
	EF	Site specific nutrient management for sustainable crop production	1 day	ON	14	1	15	5	1	6
Horticulture	F&FW	Off-season vegetable cultivation	2 day	OFF	35	15	50	35	15	50
	F&FW	Training & Pruning	1 day	OFF	18	7	25	18	7	25
	F&FW	Export potential of ornamental plants	1 day	OFF	18	7	25	18	7	25
	F&FW	Propagation techniques of ornamental plants	1 day	OFF	18	7	25	18	7	25
	F&FW	Management of potted plants	1day	OFF	18	7	25	18	7	25
	F&FW	Commercial	1 day	OFF	18	7	25	18	7	25

		flower production								
	RY	Protected cultivation of vegetable crops	2 days	ON	11	4	15	11	4	15
	RY	Commercial fruit Production	2 days	ON	11	4	15	11	4	15
	RY	Training & Pruning of orchard	2 days	ON	11	4	15	11	4	15
Crop Protection	Farmers & farmwomen	BLB management in Rice	1	Off	25	0	25	25	0	25
Crop Protection	Farmers & farmwomen	Integrated Disease management in direct seeded rice	1	Off	17	8	25	15	4	19
Crop Protection	Farmers & farmwomen	Integrated Pest management in transplanted rice	1	Off	25	0	25	21	1	22
Crop Protection	Farmers & farmwomen	Fall Army Worm management in maize	1	Off	23	2	25	19	0	19
Crop Protection	Farmers & farmwomen	Stem Borer management in Maize	1	Off	25	0	25	19	2	21
Crop Protection	Farmers & farmwomen	Integrated Disease management in Pulse	1	Off	21	4	25	19	2	21
Crop Protection	Farmers & farmwomen	Tikka Disesase Management in Groundnut	1	Off	25	0	25	21	2	23
Crop Protection	Farmers & farmwomen	Management of Onion Thrips in onion	1	Off	22	3	25	18	2	20
Crop Protection	Rural youth	Honeybee keeping for income Generation	1	On	15	0	15	15	0	15
Crop Protection	Rural youth	Mushroom Cultivation for income Generation	1	On	15	0	15	15	0	15
Crop Protection	Rural youth	Sugarcane Juice Production for income Generation	1	On	15	0	15	15	0	15
Crop Protection	Rural youth	Safe use of Pesticides	1	On	15	0	15	15	0	15

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	
-	-	-	-	-	-	-	-	-	-	-

*training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													
Integrated crop management													
Organic farming													
Other													
Total													
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													
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm machinery & imlements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total													
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total													

I) Sponsored Training Programmes-N.A

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			

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													
Total													
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													
Grant Total													

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	2	40	60	100	100	4	1	5	44	61	105
Kisan Mela	1	105	195	300	100	5	2	7	110	197	307
Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-	-
Exhibition	1	150	120	270	100	10	2	10	160	122	282
Film Show	21	252	378	630	90	5	2	7	257	380	637
Method Demonstrations	-	-	-	-	-	-	-	-	-	-	-
Farmers Seminar		-	-	-	-	-	-	-	-	-	-
Workshop		-	-	-	-	-	-	-	-	-	-
Group meetings	13	140	185	325	95	4	2	6	144	187	331
Lectures delivered as resource persons	36	855	10800	1935	75	52	9	61	907	1089	1996
Advisory Services	14	125	35	160	100	6	2	8	131	37	168
Scientific visit to farmers field	170	810	32	842	80	12	3	15	822	35	857
Farmers visit to KVK	52	25222	728	3250	70	22	7	29	2544	735	3279
Diagnostic visits	172	136	396	1760	60	24	5	29	1388	401	1789

		4									
Exposure visits	2	12	0	12	90	3	0	4	25	0	25
Ex-trainees Sammelan	3	60	15	75	85	5	2	7	65	17	82
Soil health Camp	4	150	50	200	80	5	2	7	160	52	212
Animal Health Camp	--	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	10	325	175	500	70	15	5	20	340	180	520
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	5	135	115	250	75	12	5	17	147	120	267
Sankalp Se Siddhi	--	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	36	375	345	720	80	15	7	21	390	352	742
Mahila Kisan Divas	01	0	50	50	85	2	2	4	2	52	54
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	13
Radio talks	--
TV talks	-
Popular articles	-
Extension Literature	6
Other, if any	

3.5 a. Production and supply of Technological products-N.A

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
Grand Total											

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	Hyb.	3000		11	2	25	12	5	0	41	14
Cabbage	Hyb.	3000		8	10	25	15	7	0	40	25
Tomato	Hyb.	3000		11	2	25	12	5	0	41	14
Brinjal	Hyb.	3000		8	10	25	15	7	0	40	25
Chilli	Hyb.	3000		11	2	25	12	5	0	41	14
Onion	Line 883	1,31,000									
Broccoli	Hyb.	1000									
Knolkhol	Hyb.	2000									
Capsicum	Hyb.	250									
Strawberry	Selva	250									
Others											
Fruits											
Mango											
Guava											
Lime											
Papaya	Red Lady	250		5	7	12	7	7	0	24	14
Banana				5		11	0	5	0	21	0
Drumstick	ODC3	250		5	7	12	7	7	0	24	14
Ornamental plants											
Medicinal and											

Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Marigold	Ceracole	10,000	5000	0	12	8	10	0	0	8	22
Total		55000	110600	64	52	168	90	48	0	280	142

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										
Bio-pesticide										
Bio-fungicide										
Vermiworm	10kg	5000	0	0	3	0	1	0	4	0
Vermicompost	30q	15000	2	0	5	0	3	0	10	0
Total										

Production of livestock materials-N.A

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

Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total											

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

i) Name of Seed Hub Centre: N.A

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 2022	Rice	Sahabhagi	44	1.5	46.0	F
	Niger	Utkal Niger 150	5.0	0.5	4.0	F
	Ragi	VL Mandua	10.0	0.5	14.0	F
Rabi 2022-23						
Summer/Spring 2022						
Kharif 2022						
Rabi 2021-2022						

iii) Financial Progress

Fund received (2019-20, 2020-21, 2021-22 and 2022-23)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2019-20				

2020-21				
2021-22				
2022-23	Rs 12,99,820/=	---	Rs 180/=	Boundary wall and borewell of KVK

iv) Infrastructure Development-N.A

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				
Bulletins	1.Unnat Pranalire Biri Chasa 2.Unnat Pranalire Chinabadam Bihan Utpadan 3.Prakrutik Krushi	Dr G C Sahoo , Mr P. Murmu Mr Rudra P. Mohalik Miss B. Taria	1500 no. (500 no. each)	1500 no.
News letter	1.Sabujasathi	Dr G C Sahoo , Mr P. Murmu Mr Rudra P. Mohalik Miss B. Taria	500	500
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	.1.Amla Matira Paricha;ana 2. Kanhiki Kariba Mati Pariksha 3. Unnata Pranalire palachhatu Chasa 4. Dhana re Matia Gundi Pokara parichalana	Dr G C Sahoo , Mr P. Murmu Mr Rudra P. Mohalik Miss B Taria Dr G C Sahoo , Mr Rudra P. Mohalik	1000 (500 each) 2000 (1000 each)	1000 2000
Technical reports				
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. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Trainers Training Programme	Trainers Training Programme on Tasar Culture	Dr G. C. Sahoo , SS&H	11.10.22 to dt.14.10.2022	CTR&TI, Ranchi
2.	Taining programme for Master Trainers	FPO Management	Dr G. C. Sahoo , SS&H	20.12.2022 to 22.12.2022	DEE, OUAT, Bhubaneswar
3.	Winter School	Plant Protection	Mr Rudra P. Mohalik	02.12.22 to 22.012.22	NHIPM, hyderabad
4.					
5.					
6.					
7.					

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

Name of farmer	Sh. Sujit Das
Address	Vill.UV-2,Badakumari,Block-Umerkote,Dist.-Nabarangpur,Odisha
Contact details (Phone, mobile, email Id)	9777173435
Landholding (in ha.)	3.6 ha
Name and description of the farm/ enterprise	Sh.Sujit Das is a role model for other farmers of the district in **Integrated Farming System** approach for sustainable production with attractive return. He is operating in 3.6 ha of land having pond area 1 ha , grafted brinjal-0.4 ha, hyb. Chilli-0.4 ha, cauliflower-1 ha, cowpea-0.2 ha ,bitter gourd-0.2 ha b, beans-0.4 ha , green pea-0.8 ha , hyb. Napiar-0.4 ha , with 10 no. of cows, 10 no. of ducks. He is producing vermicompost by utilizing the farm by-products with *Eudrillud euginea* and utilisatiing it for crop production in his farm. He utilizes the techniques of integrated nutrient management and integrated pest management in his farm. He produces 30 qtls. Of fish, 15 tons of brinjal, 1 tonns of chilli, 20 tones of cauliflower, 2 tones of cowpea, 3 tones of bitter gourd, 5 tones of beans, 2 tones of green pea annually. He gets 8 tones of hyb. Napiar grass, 2000 lits. Of milk, 1500 no. of duck eggs. He produces around 20 tones of vermicompost which is utilized in his own farm
Economic impact	

Sl.No.	*Name of the crop*	*Area*	*Production*	*Cost of cultivation*	*Gross return*	*Net Return*	
1	**Fish**	**1 ha**	**3 tons**	**1,00,000**	**4,50,000**	**3,50,000**	
2	**Grafted Brinjal**	**0.4 ha**	**15 tons**	**40,000**	**3,00,000**	**2,60,000**	
3	**Chilli**	**0.4 ha**	**1 ton**	**30,000**	**1,00,000**	**70,000**	
4	**Cauliflower**	**1ha**	**20 tons**	**50,000**	**4,00,000**	**3,50,000**	

	5	Cowpea	0.2 ha	2 tons	20,000	80,000	60,000
	6	Bitter gourd	0.2 ha	3 tons	20,000	1,20,000	1,00,000
	7	Beans	0.4 ha	5 tons	30,000	1,50,000	1,20,000
	8	Green pea	0.8 ha	2 tons	20,000	80,000	60,000
	9	Hyb. Napiar	0.4ha	30 tons	60,000	Grass used for cattle feed	
	10	Cow	10 nos.	10000 lit.		2,50,000	1,90,000
	11	Duck	10 nos.	1500 no. of duck eggs	2000	7500	5500
		Total	3.6 ha		3,72,000	19,37,500	15,65,500
Social impact	Many farmers of his village and adjacent villages are following his techniques of farming with attractive return. Out of them 8 farmers already started their farm with proper guidance of KVK Scientist.						
Environmental impact	He is growing vegetables totally organically with his own produced vermicompost and time to time he purchased vermicompost from KVK						
Horizontal/ Vertical spread	8 farmers have adopted his approach of Integrated Farming System in different villages						

Name and Address: Smt Pratima Mishra
At/po-Umerkote, Block-Umerkote, District-Nabarangpur, State-Odisha
Pin-764073, Mobile no-7077333905

Category: Women Empowerment

Smt Pratima Mishra, age-45yrs is an arts graduate and is a successful mushroom entrepreneur of Umerkote block of Nabarangpur district. She is a medium farmer having 8 to 10 acres of land resources and mostly she was cultivating rice once a year. However, her annual income was very poor to run her livelihood as she was following conventional practices. Therefore, she took up mushroom cultivation as a profitable venture during the year 2017-18 and now she is growing mushroom in an area of 1500 sq ft (50ft × 30ft) with 2400 beds of paddy straw mushroom per 8months (March-October) a year and 1500 bags of oyster mushroom per 4months (November-February) a year . Her annual earning is 2.5 lakhs from paddy straw mushroom and 1.5 lakhs from oyster mushroom with an average of Rs.33000/-per month approximately. She obtained the necessary training on mushroom cultivation technology from Krishi Vigyan Kendra, dist-Nabarangpur through ASCI (Agriculture Skill Council of India) training for 25days. Now she is disseminating mushroom cultivation technology to the local farmers and WSHGs for popularization.

Krishi Vigyan Kendra is engaged in imparting awareness programmes, trainings, front line demonstrations, on-farm trials on mushroom cultivation, free supply of production inputs under Tribal Sub Plan programme, exposure visit, celebration of womens day in agriculture etc. for popularization of mushroom cultivation in Nabarangpur district. As mushroom is a women friendly crop, selected members of WSHGs of different blocks of Nabarangpur district are being trained first at Krishi Vigyan Kendra level as master trainers and in turn these master trainers are imparting training to other members of the groups helping in popularization of mushroom production technology across the blocks/district.

Adoption and popularization of mushroom cultivation technology by Smt.Pratima Mishra has attracted so many women farmers and WSHGs of the blocks/district over year as a profitable venture. Now 8 blocks out of 10 blocks of Nabarangpur district, women farmers and WSHGs are engaged in mushroom cultivation round the years successfully and earning a profitable amount for their livelihood.

As mushroom is having high food value basically protein and other essential elements beside antioxidants, malnutrition being addressed among the population.

Smt Mishra has been recognized due to her Excellence in mushroom production, popularization and felicitated by Krishi Vigyan Kendra as well as Department of Horticulture at various times at GP/blocks/district level. Her massive effort on Popularization of mushroom is really commendable. As 'Mission Shakti' is being strengthened in day by day, the sincere efforts of WSHGs in the state Odisha will achieve non-green revolution in near future.

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)
1	Knolkhol	200 ha	2000 tons	200	Y

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Field Visit and Group discussion	To devise knowledge and skill of the training to be imparted .

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

Sl. No	Name of the Equipment	Qty.
1	pH meter	1 no.
2	EC meter	1 no.
3	Spectrophotometer	1 no.
4	Flame photometer	1 no.
5	Digital balance	1 no.
6	Mechanical shaker	1 no.
7	Hot air oven	1 no.
8	N-Autoanalyser	1 no.
9	Mridaparikshyak	1 no.
10	Hydrometer	1 no.

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			
--	1000	1000	1000	20	--

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	Farmer Scientist interaction	200	4	i. Dr. K. Mishra, Collector-cum-District Magistrate ii. Sh. Sadasib Pradhani, MLA, Nabarangpur iii. Sh. Manahar Randhari, MLA, Dabugaon iv. Smt. Bhagabati Bhatra,President, Zilla Parishad	200	200

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

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-N.A

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

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

4. IMPACT

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

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom cultivation	15	86.7	Rs. 50/Bed	Rs. 100/Bed
Vermitechnology	20	90.0	Rs. 2500/tank	Rs. 5000/tank
Backyard poultry	25	80.0	Rs. 160/Bird	Rs. 400/Bird

4.2. Cases of large scale adoption
(Please furnish detailed information for each case)

Give information in the same format as in case studies

Horizontal spread of technologies	
Technology	Horizontal spread
Cultivation of kharif Onion	500 ha
Use of herbicide Pretilachlor (6%)+ Bensulfuron methyl (0.6%) (Londex power) @ 10kg/ha at 3 DAT followed by post-**emergence** spraying of Bispyribac Sodium 10% SC(9.5 %W/W) @ 300 ml/ha at 10-15 DAT in paddy	20,000 ha
STBFA in Maize	20,000 ha
STBFA in Rice	50,000 ha
Intercropping of Cowpea in Maize	10,000 ha
Intercropping of Blackgram in Maize	10,000 ha
Cultivation of Tissue culture Banana	500 ha

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
1	Improve method of mushroom cultivation	83 nos. of SHGs adopted the method of mushroom cultivation	254 nos. of beneficiary adopted the technology

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	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
CDAO	BGREI, ATMA activities
DDHO	Nursery accridation, Seedling verification
NABARD	Capacity building training
NGO	Village survey, supervision of different works

5.2. List of special programmes undertaken during 2022 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.)

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.	Vermicomposting unit	2012	1 cents.	Vermicompost by Eudrillus eugenea	vermicompost	Vermicompost-20q, Vermiworm-5kg	Rs.4600	Rs.32500	
2.	Herbal Garden	2018	5 cents.	Medicinal plants	Seedlings	---	---	---	
3.	Mushroom production unit	2006	200 beds	Oyster mushroom and paddy straw mushroom	Mushroom	2.5 q	Rs. 7600	Rs. 24900	
4.	Mango	2012	36 nos. of plant	Amrapalli	Mango Fruit	2 q	Nil	2000	
5.	Poll House	2012	2 cents.	Hyb var.	Vegetable seedlings	21500nos.	Rs.19600	Rs.65300	
	Total						31800	124700	

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	
Paddy var. Sahabhagi	23.07.2019	12.11.2019	1.5	Sahabhagi	Foundation	45	61810.6	1,21,500	
Niger	23.08.2020	18.11.2020	3 ha	Utkal Niger 150	Foundation	9 q	Rs45352	Rs.58500	

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.	Vermicompost	30q	10000	30000	
2.	Vermiworm	10kg	1000	5000	

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

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

6.5. Utilization of hostel facilities- No farmers Hostel

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:
No. of staff quarters:
Date of completion:
Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
	7 nos. of Old damaged quarter					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contingency	State Bank of India	Main Branch, Umerkote	11258555265
Revolving Fund	State Bank of India	Bazar Branch, Umerkote	31842335858

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

Item	Released by ICAR		Expenditure		Unspent balance as on – 31.03.2023
	Kharif	Rabi	Kharif	Rabi	
Ground Nut	120000		120000		0
Ground Nut		120000		120000	0
Sunflower		90000		90000	0

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2023
	Kharif	Rabi	Kharif	Rabi	
Arhar	90000		90000		0
Black Gram	180000		125537		54463
Chikpea		90000		90000	0

2019.5. Utilization of KVK funds during the year 2022-23 (Not audited)

Name of the KVK: Krishi Vigyan Kendra, Nabarangapur **Year: 2022-23**

Sl no.		Items/Head	Sanctioned grant (Council's share)	Grant received (Council's share)	Expenditures (Council's share)	Variation		Reason for variation
						(+)Ve	(-)Ve	
1	2		3	4	5	6	7	8
(A)	**RECURRING ITEMS**							
1	Pay and allowances							
2	Travelling allowance		Rs.1,10,000/-	Rs.1,10,000/-	Rs.1,10,000/-	Nil	Nil	--------
3	HRD		Rs. 30,000/-	Rs. 30,000/-	Rs 20,463/-	Rs. 9,537/-	Nil	
4	Contingency /TSP		Rs.20,50,000/-	Rs.20,48,800/- + Audit Fees 1200	Rs.20,48,800/-	Nil	Nil	
	a	TSP	Rs. 10,00,000/-	Rs. 10,00,000/-	Rs. 10,00,000/-	Nil	Nil	
	b	Stationary, telephone, postage & other expenditure on office running, publication of Newsletter	Rs 4,20,000/-	Rs.4,18,800/- + Audit Fees 1200/-	Rs 4,18,800/-	Nil	Nil	------
	c	POLs, repair or vehicle, tractor & equipment						
	d	Training of farmers	Rs.3,15,000/-	Rs.3,15,000/-	Rs.3,15,000/-	Nil	Nil	----------
		i.Meals/refreshment of trainees						
		ii.Training materials (need based materials and equipments for conducting the training)						
	e	Training of extension functionaries						
	f	Training of Rural Youth						
	g	Front Line Demonstration except Oil seeds and pulses	Rs.1,58,000	Rs.1,58,000	Rs.1,58,000	Nil	Nil	---------
	h	On-Farm testing (on need based, location specific and newly generated information in the major production systems of the area)	Rs.1,57,000/-	Rs.1,57,000/-	Rs.1,57,000/-	Nil	Nil	---------
	i	Scientific Advisory committee meeting				-------	---	---------
	j	World soil day celebration				-------	---	---------
5		Maintenance of building	----------	----------	----------	-------	---	---------
6		Cluster demonstration on oilseeds and pulses	Rs.7,20,000/-	Rs.7,18,800/-	Rs.6,64,337/-	Rs. 54,463/-	---	---------
7		Swachhata Action Plan	Rs.17,250/-	Rs 16,950/-	Rs 16,950/-	Nil	---	---------
8		Kishan Bhagidari Prathmikta Hamari	Rs. 1,00,000/-	Rs. 1,00,000/-	Rs. 1,00,000/-	Nil		
9		Garib Kalyan Sammelan	Rs. 2,25,000/-	Rs. 2,25,000/-	Rs. 2,25,000/-	Nil		
Total			**Rs.32,52,250/-**	**Rs.32,49,550/-**	**Rs.31,85,550/-**	**Rs.64,000/-**	**---**	**---------**
(B)	**NON-RECURRING CONTINGENCY**					-------		---------
	1	Equipment & furniture				-------		---------
		a. Equipment and furniture	Rs. 1,50,000/-	Rs. 1,50,000/-	Rs. 1,50,000/-	Nil		---------
		b. Information Technology	Rs. 0.00	Rs. 0.00	Rs. 0.00	Nil		---------
	2	a. Works- Construction of Boundary Wall & Bore well	Rs.13,00,000/-	Rs.13,00,000/-	Rs. 12,99,820/-	Rs. 180		---------
	3	Vehicle (Tractor)	Rs. 7,50,000/-	Rs. 7,50,000/-	Rs. 7,50,000/-	NIl		---------
	4	Library (Purchase of assets like books & journals back volume)	Rs. 10,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 0.00		--------
Total			**Rs.22,10,000/-**	**Rs. 22,10,000/-**	**Rs. 22,09,820/-**	**Rs.180/-**		**---------**
(C) REVOLVING FUND			-------	-------	-------	-------		---------
GRANT TOTAL (A+B+C)			**Rs.54,62,250/-**	**Rs.54,59,550/-**	**Rs.53,95,370/-**	**Rs.64,180/-**		**---------**

7.5. Status of revolving fund (Rs. in lakh) for last three 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)
2019-20	489868.00	Rs. 489868.75	Rs. 56820	
2020-21	257724.00	2,57,724.35	437324.00	
2021-22	543169.75	120964.75	422205.00	241929.5
2022-23	241929.75	397144	291604	347469.75

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

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
BGREI	12	Kharif ,2022	CDAO,Nabarangpur	ATMA, Nabarangpur	Both
Demonstration	10	Kharif, 2022	--	ATMA, Nabarangpur	--
World Soil Day	1	Rabi,2022	CDAO,Nabarangpur	..	--

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)
Fall Army Worm	Maize	20.07.2021	3000 ha	5%	3000 ha
False smut of rice	Rice	12.09.2121	2000 ha	10%	2000 ha

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

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

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

Type of message	No. of messages	No. of farmers covered
Crop	46	20213
Livestock	-	-
Fishery	-	-
Weather	-	-
Marketing	-	-
Awareness	-	-
Training information	9	1108
Other	-	-
Total	55	21321

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*1920*
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
31 nos.	Cleaning of village road, cleaning of office campus

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	-	**0.00**
2. Basic maintenance	1	**0.00**
3. Sanitation and SBM	3	**1200**
4. Cleaning and beautification of surrounding areas	12	**0.00**
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	3	**13,800**
6. Used water for agriculture/ horticulture application	3	**0.00**
7. Swachhta Awareness at local level	3	**0.00**
8. Swachhta Workshops	-	**0.00**
9. Swachhta Pledge	-	**0.00**
10. Display and Banner	-	**0.00**
11. Foster healthy competition		**0.00**
12. Involvement of print and electronic media	-	**0.00**
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	1	**0.00**
14. No of Staff members involved in the activities	10	**0.00**
15. No of VIP/VVIPs involved in the activities	-	**0.00**
16. Any other specific activity (in details)	-	**0.00**
Total	**36**	**15000**

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
-	-	-

9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Badakumari Boys School	21.11.2022	Nutritional garden	Pen, pad, white board, leaflet, banner
S.S Balmandir	08.09.2022	Safe use of pesticide	Pen, pad, white board, leaflet, banner

Give good quality 1-2 photograph(s)

9.9. Details of '*Pre-Rabi 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 Doordarshan (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		
-	-	-	-	-	-	-	-	-	-	-	-	-

9.10. Details of Swachhta Hi Suraksha programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Village waste decomposting, Village road cleaning, Tree plantation	7	475	---	---

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	Discussion and quiz competition on Mushroom cultivation and nutritional garden	5	50	--	--

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
01	Sujit Das	At. P.O-Badakumari, UV-2, Umerkote	Integrated Farming System
02	Mrs. Pratima Mishra	At.P.O-Umerkote, Nabarangpur	Mushroom Production
03	Sh. Jogeswar Naik	Vill-S Maliguda, P.O-Sindhigaon, Dist. Nabarangpur	Mushroom Spawn Unit. And Mushroom cultivation
04	Sh. Purna Chandra Gond	Vill.-Karmari, P.O-Jharigaon, Nabarangpur	Integrated Farming System
05	Sh. Khagapati Bisoi	Vill-BS Padar, P.O-Majhiguda, Nabarangpur	Integrated Farming System

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Instructional farm	72837.4	ICAR
2.	Mushroom cultivation unit	24,900	ICAR
3.	Polly house	65300	ICAR

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
01	Tribal Sub-Plan	Production of mushroom for revenue generation	ICAR	--	Mushroom Unit
02	Tribal Sub	Raising seedlings for fund generation	ICAR	--	Polly house
03	Tribal Sub	Production of organic product for fund generation	ICAR	--	Vermicompost Unit

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
-	-	-

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	Nabarangpur	Crop Production	5	125	Late onset of monsoon-Uneven and inadequate distribution of rainfall Long gap in rainfall-Prolong dry spell Early cessation of rain fall Early onset of monsoon

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

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)						

11. Details of TSP

a. Achievements of physical output under TSP during 2022-2023

Programmes	**Physical achievements**
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	Sprayer-20, Maize sheller-200, Improved sickle-200
On-farm trials (Number)	6
Frontline demonstrations (Number)	16
Farmers training (in lakh)	0.01725
Extension personnel training (in lakh)	0.001
Participants in extension activities (in lakh)	0.11423
Seed production (in tonnes)	6.327
Planting material production (in lakh)	0.55
Livestock strains and fingerlings production (in lakh)	-
Soil, water, plant, manures samples testing (in lakh)	0.01
Provision of mobile agro – advisory to farmers (in lakh)	0.21321

No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	Swachha Bharat Abhiyaan-31 Agriculture knowledge in rural school-3 Planting material distribution-11

b. Fund received under TSP in 2022-23 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2022-2023

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	21%
2	Change in family consumption level	%	12%
3	Change in availability of agricultural implements/ tools etc.	No. per household	4

d. Location and Beneficiary Details during 2022-2023

District	***Sub-district***	***No. of Village covered***	***Name of village(s) covered***	***ST population benefitted (No.)***		
				M	F	T
Nabarangpur			Nayakguda	20	10	30
			Bhamini	20	10	30
			Chikalpadar	20	10	30
			Managuda	20	10	30
			Junapani	15	10	25
			Sanakumari	15	10	25
			Badakumari	20	10	30
			Chitabeda	20	10	30
			Chhatabeda	10	15	25
			BS Padar	20	10	30

12. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)-N.A

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-N.A

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-N.A

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-N.A

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

Extension activitiesN.A

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

13. 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	OUAT Award	Mr Krutibas Kalar	2022	VC , OUAT	--	Progressive Farmer

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

15. 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
	-	-	--	-	-	-	-	-

16. 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	Fish – 0.4 ha Rice0.4 ha Tomato-0.2 ha Brinjal-0.2 ha Cabbage-0.1 ha Banana-0.2 ha Poultry-100 birds Goatary-10 no.	1 ha	Fish – 1000 Kg Rice-40 Q Tomato-30 Q Brinjal-30 Q Cabbage-50 Q Banana-160 Q Poultry-25 Kg Meat 2000 egg Goatary-200 Kg Meat	Fish – 50000 Rice-10000 Tomato-6000 Brinjal-6000 Cabbage-10000 Banana-25000 Poultry-2000 Goatary-10000	Fish – Rice1,50,000 Tomato-24,000 Brinjal-24000 Cabbage-40,000 Banana-75000 Poultry-13000 Goatary-90000	100	40 %

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Mushroom cultivation	1)Sanitisation, 2) Suitable climate, 3) Suitable method of cultivation, 4) Use of good quality spawn	Rs. 200/- per bed	280 nos.	
2	Backyard poultry	1. Improve breed (Kadaknath, Utkalshree, Sonali) 2. Vaccination 3. Improve feeding	Rs. 500/- per piece of bird	210 nos.	
3	Low cost Vermicompost production	1. Low cost poly vermibed 2. Portable	Rs. 7500/- per bed/year	30 nos.	
4	Varietal substitution of direct seeded rice CR Dhan 200	1. short duration (115 days) 2. Yield potential 3. Resistant to blast, neck blast	Rs. **38250 /ha with B:C 2.42**	10 nos.	

18. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

	Database prepared/ covered for	KVK level Committee	Various activity

Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	conducted for farmers
I (up-to 15.03.2018)					
II (up-to 24.04.218)					
Total					

19. Information on Visit of Ministers to KVKs, if any

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

20. a) Information on ASCI Skill Development Training Programme, if undertaken during 2022

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

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2022

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	
--	-	-	-	-	-	-	-	-	-	-	----	-

21. 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
--	--	--	--	--	----	--

22. Information on Krishi Kalyan Abhiyan Phase-III, if applicable

a) Training achievements

Name of KVK	***Period***	***No. of Training on diversified farming practices for doubling farmers' income organized***	***No. of farmers trained***	
			Male	***Female***
	01.01.2022 to 31.12.2022	12	200	100

b) Other achievements

Sl. No.	Particulars	January, 2022 to December, 2022
1	Number of demonstrations other than oilseeds and pulses	14
2	Number of demonstrations on oilseed crops	3
3	Number of demonstrations on pulse crops	5
4	Number of farmers trained	1675
5	Number of participants in Extension activities	11423
6	Number of farmers for Mobile Advisory	21321
7	Production of seeds (in quintal)	63.27
8	Production of planting material (Number)	55000
9	Number of soil sample tested	1000
10	Number of farmers covered in Climate Resilient villages	-
11	Number of farm families covered in Farmer FIRST project	-
12	ARYA project: Number of youth trained	-
13	ARYA project: Number of entrepreneurial activities started	-
14	Number of farm families in DFI villages	1250

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
	--	--	--	--	--

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

Sd/-
Senior Scientist & Head
KVK, Nabarangpur

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