ANNUAL PROGRESS REPORT

January 2023 to December 2023

KVK Mahasamund

Year of sanction:2004

1.1 Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Satish Kumar Verma	KVK Mahasamund	9424214626	kvk.mahasamund@igkv.ac.in

1.2 Staff Position on (31th Dec.2023)

S. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic (Rs.)	Date of Joining	Date of joining this KVK (Year)	Contact No.	Email ID	Photo
1	Programme Coordinator	Dr. Satish Kumar Verma	Senior Scientist & Head	Horticulture	131400-217100, 161600	22.09.12	04.10.14	942421426	skvhort2014@gmail.com	
2	Subject Matter Specialist	Dr. Saket Dubey	SMS	Horticulture	.56100-177500, 73200	06.09.12	07.04.15	8817551202	saketdubey_horti@rediffmail.com	
3	Subject Matter Specialist	Shri Kunal Chandrakar	SMS	Soil Science	56100-177500,65000	16.09.14	10.08.15	9754377591	kunal1586@gmail.com	
4	Subject Matter Specialist	Mrs. Rajni Dharmendra Agashe	SMS	Agricultural Extension	56100-177500,65000	22.09.14	12.10.20	7389325085	rajniagashe@gmail.com	
5	Subject Matter Specialist	Er. Ravish Keshri	SMS	Soil & Water Engineering	56100-177500,69000	20.10.14	20.10.14	9425373479	ravishkeshri@gmail.com	
6	Subject Matter Specialist	Dr. Nirjharnee Nandeha	SMS	Agronomy	56100-177500,56100	13.09.23	13.09.23	9406474226	nirjharneenandeha04@gmail.com	
7	Subject Matter Specialist	Vacant	SMS	-	-	-	-	-	-	
8	Programme Assistant	Dr. S. M. Ali Humayun	PA (Ento)	Entomology	35400-112400, 44900	27.10.14	27.10.14	9827909069	humayun27@ymail.com	
9	Computer Programmer/ Programme Assistant	Dr. Punitha Kartikeyan	PA (Comp)	Computer Science	35400-112400, 47600	26.09.12	29.07.13	9424231673	punitakartikeyan@gmail.com	
10	Farm Manager	Mr. Kamal Lodhi	FM	Agronomy	35400-112400, 35400	31.10.19	31.10.19	7000084941	kamallodhi1610@gmail.com	
11	Assistant	Shri Amar Chand Sahu	AG-1		28700-91300, 31200		09.01.23	9669048985	kvkmahasamund@gmail.com	
12	Jr. Stenographer / Comp. Operator	Vacant	AG-II	-	-	-	-	-	-	
13	Driver	Mr.Rajesh Markandey	Driver	-	25400	02.04.13	02.04.13	7566000700	kvkmahasamund@gmail.com	
14	Driver	Shri Khayal Das Vaishnav	Messenger	-	26600	04.02.06	04.02.06	9516348175	kvkmahasamund@gmail.com	
15	Supporting staff	Vacant	Driver	-	-	-	-	-	-	
16	Supporting staff	Vacant	Watchman	-	-	-	-	-	-	

1.3 Total land with KVK (in ha):20 ha

S. No.	Item	Area (ha)
1	Under Buildings	1 ha
2	Under Demonstration Units	2 ha
3	Under Crops	8 ha
4	Orchard/Agro-forestry	7 ha
5	Others (specify)	2 ha
Total		**20 ha**

1.4 Infrastructural Development:
A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1	Administrative Building	ICAR	-	-	-	-	-	-
2	Farmers Hostel	ICAR	-	-	-	-	-	-
3	Staff Quarters (6)	-	-	-	-	-	-	-
4	Demonstration Units (2)	DMFT(quail unit), DMFT (Mushroom unit)	-	-	-	-	-	-
5	Fencing	RKVY, IGKV	-	-	-	-	-	-
6	Rain Water harvesting system	ICAR	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	RKVY	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor 1	2005	382607	69195 (09.07.15)	Write off on 09.7.15
Tractor 2	2023	727634		working
Motor Cycle	2005	41998.81	57014	working
Bolero(Jeep)	2018	774890	136963	working
Other (Marshal)	2005	Write off		Write off

C) Equipment & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Projector	2021	52816	working
Xerox Machine	2016	75915	working
Generator	Write off		
Video Camera	-		
Computer, Laser Printer			
UPS 600 VA	-		
Stabilizer 2 KVA	-		
Stabilizer	2021	3700	working
Inverter 600 VA (2)	-		
Inverter Battery (2)	-		

1.5.(A). Details of SAC meeting to be conducted in the year

KVK Name	Date of SAC meeting 2023	No. of SAC members (only) attended	Major action points*
Mahasamund	22-05-2023	58	Promotion of improved technology as per need of farmers in the district for doubling farmers income

2. DETAILS OF DISTRICT

Major farming systems / enterprises (based on the Agro-ecological situation analysis made by the KVK) Add AES if needed

S. No.	Farming system/enterprise	Description
1	AES – 1(Mahasamund & Bagbahra block)	Rainfall, mm - 1434 Soil type - Loamy Topography -Gentle slope Farming system - Agriculture + horticulture, Agriculture + fishery, agriculture + forestry
2	AES – 2 ((Pithora, Basna & Saraipali block)	Rainfall, mm - 900 - 1100 Soil type - Clay loam Topography- Moderate slope Farming system - Agriculture + horticulture, Agriculture + dairy, Agriculture + fishery, agriculture + forestry

Description of Agro-climatic Zone & major agro-ecological situations (based on soil and topography)

S. No.	Agro-climatic Zone	Characteristics
1	AES – 1(Mahasamund & Bagbahra block)	Rainfall, mm - 1434 Soil type - Loamy Topography -Gentle slope Farming system - Agriculture + horticulture, Agriculture + fishery, agriculture + forestry
2	AES – 2 ((Pithora, Basna & Saraipali block)	Rainfall, mm - 900 - 1100 Soil type - Clay loam Topography- Moderate slope Farming system - Agriculture + horticulture, Agriculture + dairy, Agriculture + fishery, agriculture + forestry

SWOT Analysis of each Agro-Ecological Situations of district

AES-1 (name)

Strength	Weakness	Opportunities	Threats
Availability of raw material like paddy, wheat, kodan, tur, kulthi etc. Due to this, there is good scope for agro based industries.	• Agriculture and Horticulture have not been effectively exploited. • Inadequate infrastructure base industrial estate, transport etc mark the industrial growth.	Development of agriculture sector establishment of agro-based industries well in tern provide opportunities for development of agricultural products such as fruits and vegetables	Ecological Imbalance: There is possibility of creating an ecological imbalance because of felling of trees, changing topography of land, utilization of large quantities of ground water etc.

AES-2 (name)

Strength	Weakness	Opportunities	Threats
• Density of population is lower than state average. Hence large area of free land is available for industrialization.	• District is lacking on medical facilities, education, initiations, entrepreneurial talent and Industrial culture. • Agriculture is main activity of district. farmers are not interested in industrial activity.	• Raipur and Durg districts are well developed cities and known as the industrial cities in CG state is near to Mahasamund district.	• If proper investment climate is not provided, capital might get diverted and get sunk in un-productive assets. This will cause capital squeeze for new projects.

Land Use Pattern

Particulars	Area "000 ha"
Total Geographical area	413462.9
Forest	41453.75
Waste Land	7005.11
Other than cultivated area	34124.76
Cultivable waste and alkaline land	12380.98
Pastures	16152.17
Bushes	-
Current Fallow	3197.63
Other Fallow	3807.48
Agricultural Land	303731.1
Area Sown	256524
Kharif	256524
Rabi	42258
Zaid	-
Cropping Intensity	119

Irrigated Area with Different Sources:

S. No.	Description	Area (ha)
1	Canal	5596
2	Well	795
3	Tube well	63287
4	Ponds	5596
5	Others	7170

Soil types

S. No.	Soil type	Characteristics	Area "000 ha"
1	Bhata soil (Entisol)	Sandy, light and shallow	58438 (20.95%)
2	Matasi soil (Inceptisol)	Sandy Loam, medium shallow deep	107547 (38.56%)
3	Dorsa soil (Alfisol)	Clay loam, heaver deep	59667 (21.39 %)
4	Kanhar soil (Vertisol)	Clayey heaver deep	53250 (19.09 %)

Note: Figure. In parenthesis denotes the percentage of total area.

Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Qt.)	Productivity (Q /ha)
1	**Fruits**	**12375**	**184185**	**14.88**
2	**Vegetables**	**17047**	**297923**	**17.47**
3	**Spices**	**5011**	**56047**	**11.18**
4	**Flowers**	**1628**	**24427**	**15.00**

Weather data (Jan, 2023- Dec., 2023)

Month /Year	Rainfall (m.m.)	Temperature (^{0} C)	
		Maximum	Minimum
Jan, 2023	3.1 m.m.	29.8	9.7

Feb, 2023	0.0 m.m.	31.4	13.3
Mar, 2023	48.9 m.m.	34.0	20.2
Apr, 2023	36.1 m.m.	38.2	23.8
May, 2023	69.5 m.m.	40.0	20.9
Jun, 2023	157.3 m.m.	45.6	22.4
July, 2023	473.6 m.m.	34.0	23.0
Aug., 2023	357.4 m.m.	30.6	22.1
Sept., 2023	437.7 m.m.	31.0	23.5
Oct. 2023	24.2 m.m.	30.7	14.2
Nov. 2023	7.7 m.m.	28.7	13.4
Dec. 2023	62.3 m.m.	27.3	7.8

Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	**Population**	**Production**	**Productivity**
Cattle			
Crossbred/ Indigenous	3.05 Lakh	71.98 MT.	kg
Buffalo	21813	14.9 MT.	……. kg
Sheep			
Crossbred/ Indigenous	15970	0.167 MT wool	……. kg
Goats	1.23 L	2.91 MT	……. kg
Pigs *Crossbred/ Indigenous*	1884	--	---
Rabbits	--	--	--
Poultry			
Hens	10.9 L	7.2 Lakh eggs	…… eggs/ bird/yr
Turkey and others	--	---	--
Category	**Area**	**Production**	**Productivity**
Fish	--(ha)	…Q/ month	Q/ ha.

Details of Operational area / Villages (2023)

Sl. No.	**Tehsil**	**Name of the block**	**Name of the village**	**Major crops & enterprises**	**Major problem identified**	**Identified Thrust Areas**
1	Mahasamund	Mahasamund	Paraswani,	Rice-wheat-Groundnut- chickpea-vegetable	Low yield, rice fallow	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
2	Mahasamund	Mahasamund	Saradih,	Rice, wheat	Low yield,Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
3	Mahasamund	Mahasamund	Barbaspur,	Rice, wheat	Low yield, Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
4	Mahasamund	Mahasamund	Birkoni,	Rice, Wheat	Low yield, Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
5	Mahasamund	Mahasamund	Achhola	Rice, Wheat	Low yield, Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements

Priority / Thrust areas

S. No.	**Particulars**
1.	Diversification of existing production systems for better profitability.
2.	Farm mechanization through improved agricultural implements

3.	Introduction of community based quality seed and planting material.
4.	Income augmentation of resource poor farm women through small scale backyard enterprise
5.	Reduction of cost of cultivation of existing major crop enterprises through better management practice
6.	To enhance crop productivity and cropping intensity under rainfed and irrigated conditions.
7.	Improve riverbed cultivation through community based.
8.	Entrepreneurship development of rural youths and woman SHG members
9.	Water management using micro irrigation
10.	Soil Test Based Crop Production System
11.	Integrated Nutrient Management
12.	Mal nutrition among preschool children and adolescent girl
13.	Poor income of farm family
14.	Wastage of vegetable in surplus condition

TECHNICAL PROGRAMME

A. Details of targeted mandatory activities by KVK

OFT		FLD and CFLD	
1		2	
Number of OFTs	Number of Farmers	Number of FLDs	Number of Farmers
11	142	7	54

Training		Extension Activities	
3		4	
Number of Courses	Number of Participants	Number of activities	Number of participants
65	1918	10	268

Seed Production (Qtl.)	Planting material (Nos.)
124.98	693300

B. Abstract of interventions undertaken

S. No.	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT	Titl e of FLD	Title of Training	Title of training for extension personnel	Extension activities	Supply of seeds, planting materials etc.
1	Farm mechanization	Paddy	Crop damage due to high intense rainfall and poor infiltration / Drainage	*Assessment on effect of vibratory subsoiler on growth and yield of Black gram*	-	-	-	-	-
2	Farm mechanization	Finfer millet	High seed rate, Low yield, problem in crop management	Assessment of millet planter for sowing of Finger millet (Ragi)	-	-	-	-	-
3	Water management	badi	Higher amount of water application, weed problem	Assessment of gravity drip for efficient water management in *Badi*	-	-	-	-	-
4	Farm mechanization		Burning of paddy crop residue	-	Paddy Crop Residue Management by Tractor Operated	-	-	-	-
5	Farm mechanization		High seed rate, Low yield, problem in crop management	-	Demonstration of seed cum fertilizer drill for sowing of wheat	-	-	-	-
6	Nutrient management through foliar application	Paddy	Low productivity due to low nitrogen status in the Soil, low fertilizer use efficiency	Assessment of foliar application of Nano Urea in paddy		-	-	-	-
7	Natural Farming	Paddy	Low yield potential due to degrading and poor soil fertility status	Assessment of Natural farming Based Nutrient Management in Scented Rice (Var. – CG Devbhog)		-	-	-	-
8	Integrated Nutrient Management	Finger Millet	Low yield due to imbalance use of	Assessment of INM in Finger Millet (Var. Chhattisgarh Ragi 2)		-	-	-	-

			fertilizer, use of local variety, no use of organic manure and Biofertilizer						
9	Nutrient Management	wheat	Low yield due to imbalance use of fertilizer	Assessment of Soil Health Card (SHC) based Nutrient Management in Wheat (Var.- CG 1023 Hansa)		-	-	-	-
10	INM	Black Gram	Low yield due to imbalance use of fertilizer		Demonstration of INM in Black gram	-	-	-	-
11	Nutrient Management	Lathyrus	Low yield due to imbalance use of fertilizer		Demonstration on improved Utera (Relay Cropping) technique in Lathyrus	-	-	-	-

Technologies assessed

A.1 **Abstract on the *number of* technologies assessed in respect of crops**

Thematic areas	**Cereals**	**Oilseeds**	**Pulses**	**Commercial Crops**	**Vegetables**	**Fruits**	**Flower**	**Plantation crops**	**Tuber Crops**	**TOTAL**
Farm mechanization			Blackgram							**1**
Farm mechanization	Finger millet									**1**
Water management					Badi					**1**
TOTAL	1		1		1					**3**

Abstract on the number of technologies assessed in respect of livestock/enterprises

Thematic areas	**Cattle**	**Poultry**	**Sheep**	**Goat**	**Piggery**	**Rabbitary**	**Fisheries**	**TOTAL**
TOTAL								

Detailed Information about OFT:

OFT 1:

Name of Discipline Horticulture	Horticulture
Title of on-farm trial:	Assessment of Colocassia Variety Indira Arbi-2
Year/Season:	Kharif 2024
Farming situation:	Rainfed
Problem diagnosis:	Use of Unidentified Variety
Thematic area:	Crop Production
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment of Colocassia Variety Indira Arbi-2
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of Unidentified Variety
T2 –Recommended Practice-	Improved Colocassia Variety Indira Arbi-2
Date of sowing:	21st June 2023
Date of harvesting:	26th Dec 2023
Source of technology:	IGKV,Raipur
Characteristics of technology:	Improved Variety
Name of Crop/Enterprises:	Colocassia
Recommendations for Farmers	The variety is good with fairly good yield potential
Recommendations for Deptt. Personnel	The variety should be spread widely for its wider adoption among the farmers
Feedback	

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield	Q/ha.	131	56000	104800	48800	1.87
T2(Recommended Practice)	Yield	Q/ha.	195	65000	156000	91000	2.40

OFT 2:

Name of Discipline	Horticulture
Title of on-farm trial:	Assessment of Chemical Weed Management in Onion
Year/Season:	Rabi 2024
Farming situation:	Irrigated
Problem diagnosis:	Higher weed infestation
Thematic area:	Weed Management
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment of Chemical Weed Management in Onion

Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Hand Weeding
T2 –Recommended Practice-	T1Pendamethalin @ 2 lt. per ha after 0-3 days after transplanting T2 Oxyflourfen @ 250 ml. /ha after 20 days after transplanting
Date of sowing:	23 November 2023
Date of harvesting:	
Source of technology:	IGKV,Raipur
Characteristics of technology:	Weedicide Application for Management of Weeds
Name of Crop/Enterprises:	Onion
Recommendations for Farmers	Chemical weed management is a better option for managing weed infestation
Recommendations for Deptt. Personnel	The technology of weed management using Oxyflourfen should be spread among the farmers for its wider adoption
Feedback	

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield	Result Awaited					
T2(Recommended Practice)	B:C ratio						

OFT 3:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	Assessment of foliar application of Nano Urea in paddy
Year/Season:	Kharif 2023
Farming situation:	Irrigated
Problem diagnosis:	Low productivity due to low nitrogen status in the Soil, low fertilizer use efficiency
Thematic area:	Nutrient management through foliar application
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance use of fertilizer, Dose (80:58:00) NPK kg/ha, no use of foliar spray
T2 –Recommended Practice-	Application of RDF (N:P:K) 100:60:40 kg/ha
T3- Recommended Practice-	1st Spray as foliar application of Nano urea @4 ml/litre of water

	after 30-35 DAS/DAT and 2nd Spray at 50-55 DAS/DAT
Date of sowing:	2nd week of July
Date of harvesting:	4th week of November
Source of technology:	IGKV, Raipur
Characteristics of technology:	Increase fertilizer use efficiency
Name of Crop/Enterprises:	Paddy
Recommendations for Farmers	The technology is very suitable and farmers should adopt the technology
Recommendations for Deptt. Personnel	It is very prominent technology for every farmer and easy to adoptable Department personnel should disseminate the technology.
Feedback	Farmers are happy and ready to adopt the technology

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	yield	q/ha	35.52	31632	78250	46618	2.47
T2(Recommended Practice)	yield	q/ha	43.18	33456	95037	61581	2.84
T3(Recommended Practice)	yield	q/ha	39.65	34056	87348	52692	2.56

OFT 4:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	Assessment of Natural farming Based Nutrient Management in Scented Rice (Var. – CG Devbhog)
Year/Season:	Kharif 2023
Farming situation:	Irrigated
Problem diagnosis:	Low yield potential due to degrading and poor soil fertility status
Thematic area:	Natural Farming
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Conventional farming Dose (80:58:00) NPK kg/ha
T2 –Recommended Practice-	Seed treatment with Beejamrit + application of Ghanjeevamrit@ 250 kg/ha. + FYM@ 250 kg/ha + foliar spray of Jeevamrit@ 500 ml/ha in 15 days interval after sowing + use of Biopesticides
T3- Recommended Practice-	-

Date of sowing:	2nd week of July
Date of harvesting:	4th week of December
Source of technology:	IGKV, Raipur
Characteristics of technology:	Nutrient management through Natural Farming
Name of Crop/Enterprises:	Paddy
Recommendations for Farmers	The technology is very suitable and farmers should adopt the technology
Recommendations for Deptt. Personnel	It is very prominent technology for every farmer and easy to adoptable Department personnel should disseminate the technology.
Feedback	Farmers are very much happy and ready to adopt the variety because this variety is suitable for lowland condition

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	yield	q/ha	35.42	29540	78030	48490	2.64
T2(Recommended Practice)	yield	q/ha	31.53	23835	69460	45625	2.91
T3(Recommended Practice)							

OFT 5:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	Assessment of INM in Finger Millet (Var. Chhattisgarh Ragi 2)
Year/Season:	Rabi 2023-24
Farming situation:	Irrigated
Problem diagnosis:	Low yield due to imbalance use of fertilizer, use of local variety, no use of organic manure and Biofertilizer
Thematic area:	INM
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance use of fertilizer, use of local variety, less use of organic manure and Biofertilizer
T2 –Recommended Practice-	Application of 75% (N:P:K-40:20:20 kg/ha.) with seed treatment through Azotobacter + PSB + KSB @5g/kg of seed & FYM 5 ton/ha

T3- Recommended Practice-	
Date of sowing:	1st week of January
Date of harvesting:	
Source of technology:	IGKV, Raipur
Characteristics of technology:	Nutrient Management through INM
Name of Crop/Enterprises:	Finger Millet
Recommendations for Farmers	The technology is very suitable and farmers should adopt the technology
Recommendations for Deptt. Personnel	It is very prominent technology for every farmer and easy to adoptable Department personnel should disseminate the technology.
Feedback	

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Result Awaited						
T2(Recommended Practice)							
T3(Recommended Practice)							

OFT 6:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	Assessment of Soil Health Card (SHC) based Nutrient Management in Wheat (Var.- CG 1023 Hansa)
Year/Season:	Rabi 2023-24
Farming situation:	Irrigated
Problem diagnosis:	Imbalance use of fertilizer, Dose (64:35:00) NPK kg/ha
Thematic area:	Nutrient Management
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance use of fertilizer, Dose (64:35:00) NPK kg/ha
T2 –Recommended Practice-	SHC based nutrient management, Improved variety (CG 1023 Hansa)
T3- Recommended Practice-	-
Date of sowing:	1st week of December
Date of harvesting:	
Source of technology:	IGKV, Raipur

Characteristics of technology:	Nutrient Management through SHC
Name of Crop/Enterprises:	Wheat
Recommendations for Farmers	The variety is very suitable under irrigated condition and farmers should adopt the technology
Recommendations for Deptt. Personnel	It is very prominent technology for every farmer and easy to adoptable Department personnel should disseminate the technology.
Feedback	

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Result Awaited						
T2(Recommended Practice)							
T3(Recommended Practice)							

OFT 7:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	**Agri Engineering**
Title of on-farm trial:	*Assessment on effect of vibratory subsoiler on growth and yield of Black gram*
Year/Season:	2023/Kharif
Farming situation:	Rainfed
Problem diagnosis:	Crop damage due to high intense rainfall and poor infiltration / Drainage
Thematic area:	Farm Mechanization
No of trials:	4
No. of farmers involved	4
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	T1: Deep tillage by Rotary Subsoiler
T2 –Recommended Practice-	T2: No deep tillage (control)
T3- Recommended Practice-	
Date of sowing:	27.07.23
Date of harvesting:	15.12.23
Source of technology:	ICAR-IISR, Indore
Characteristics of technology:	Increase infiltration and drainage

Name of Crop/Enterprises:	Black Gram
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	yield	q/ha	5.16	14640	35862	21222	2.45
T2(Recommended Practice)	yield	q/ha	6.58	16290	45731	29441	2.81

OFT 8:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	**Agri Engineering**
Title of on-farm trial:	Assessment of gravity drip for efficient water management in *Badi*
Year/Season:	2023/Rabi
Farming situation:	Irrigated
Problem diagnosis:	Higher amount of water application, weed problem
Thematic area:	Water Management
No of trials:	4
No. of farmers involved	4
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	T1: Irrigation with gravity drip
T2 –Recommended Practice-	T2: flooding
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	IGKV, Raipur
Characteristics of technology:	Higher water productivity, low weed infestation
Name of Crop/Enterprises:	Vegetables
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to**

suitable your OFT)

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)							
T2(Recommended Practice)	ongoing						

OFT 9:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	**Agri Engineering**
Title of on-farm trial:	Assessment of millet planter for sowing of Finger millet (Ragi)
Year/Season:	Kharif 2023
Farming situation:	Rainfed
Problem diagnosis:	High seed rate, Low yield, problem in crop management
Thematic area:	Farm mechanization
No of trials:	4
No. of farmers involved	4
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	T1- T1: sowing of Ragi with millet planter
T2 –Recommended Practice-	T2: broadcasting (control)
T3- Recommended Practice-	
Date of sowing:	04.01.23
Date of harvesting:	ongoing
Source of technology:	CRIDA, Hyderabad
Characteristics of technology:	Line sowing, low seed rate
Name of Crop/Enterprises:	Finger millet (Ragi)
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : **(Economic Performance of OFT)** **(Please choose and give the parameters name and value according to suitable your OFT)**

Details of technology	Parameter Name	Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield	q/ha	Ongoing*				
T2(Recommended Practice)	Yield	q/ha					

T3(Recommended Practice)							

*Failed due to less germination (10%) due to poor quality seeds. Technology provided by KVK is millet planter only.

Information about Extension OFT: 10

Title	Assessment of utilization of ICT based app (Crop Doctor) in plant protection of paddy crop.
Season & Year	2023-24
Problem identified	No use of Crop Doctor app by the farmers
Thematic Area	ICT
Farming situation	All Type
Name of Technology Intervention under study	Crop Doctor App
Farmers Practice	No use of Crop Doctor app by the farmers
No. of replication (Farmers)	50

Results / findings (Please choose and give the parameters name and value according to suitable your OFT)

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Farmers Practice)	T2(Recommended Practice)	T3(Recommended Practice)
1.Utilization pattern of Crop doctor app.			Always-24%,Sometimes-73%,Never-3%	
2.Purpose of utilization			Plant Protection-58%,Cultivation practices of crops-33%,Nutrient Management-7%,others-2%	
3. Accurate			100%	
4.Timeliness			97%	

Information about Extension OFT: 11

Title	Assessment of performance of Farmers Producer Organizations on Socio- Economic, Knowledge and Technology level on Members of FPO in Mahasamund District of Chhattisgarh.
Season & Year	2023-24
Problem identified	No membership of farmers in FPO for production, processing, value addition and marketing of agricultural produce or other allied activities .
Thematic Area	ICT
Farming situation	All Type

Name of Technology Intervention under study	FPO
Farmers Practice	-
No. of replication (Farmers)	50

Results / findings (Please choose and give the parameters name and value according to suitable your OFT)

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Farmers Practice)	T2(Recommended Practice)	T3(Recommended Practice)
1. Level of knoweldge			High-59%,Medium-39%,Low-2%	
2.Technology level			High-59%,Medium-39%,Low-2%	
3. problem faced			1.Fundings-60%,Resources-39%,Others-1%	

Information about Home Science OFT:

Title of on-farm trial:	
Year/Season:	
Problem diagnosis:	
Thematic area: (Focus area in DFI and nutri smart initiatives)	
No of trials:	
No. of farmers/farm women involved	
Type of OFT (Assessment/ Refinement):	
Details of technology selected for assessment:	
T1 – Farmers Practice-	
T2 –Recommended Practice-	
Source of technology:	
Characteristics of technology:	
Name of Crop/Enterprises:	
Farming situation:	
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

(A) Economic Performance Home Science OFT: (For Drudgery Reduction)

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in	% increase in	Cardiac Cost of Work	% Saving of cardiac Cost

				drudgery	efficiency		
T_1(Farmers Practices)							
T_2 (Recommended Practices)							
T_3(Recommended Practices							

*Kindly use Unit as per the machine/implement/equipment used for drudgery reduction

(B) Economic Performance Home Science OFT: (For Income Generation) Enterprises wise

Name of Enterprise : -……..

Detail of Technology	Parameter of enterprise	Production per unit (qt/no/lit)	Average Cost of input (Rs/unit	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T_1(Farmers Practices)						
T_2 (Recommended Practices)						
T_3(Recommended Practices)						

(C) Economic Performance Home Science OFT: (For value addition)

Detail of Technology	Composition of product	Production per unit	Average Cost of input (Rs/unit	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T_1(Farmers Practices)						
T_2 (Recommended Practices)						
T_3(Recommended Practices						

(D) Economic Performance Home Science OFT: (For Nutritional security)

Name of Enterprise /product: -……..

Detail of Technology	Name of Product/ enterprise	Per capita Consumption gm/ day	Nutrient Intake (Unit)				Anthropometric measurements		
			Energy (kcal)	Protein (gm)	Iron (mg)	Calcium (mg)	Increase in Weight (Kg)	Increase in Height (cm)	BMI ((Weight (Kg)/ (Height(in m) * Height(in m)))
T_1(Farmers Practices)									
T_2(Recommended Practices)									
T_3(Recommended Practices									

Frontline Demonstrations

Details of FLDs organized

KVK Name	Season	Discipline	Thematic area	Technology for demonstration	Crop Category	Name of Crop	Name of Variety	Farming Situation (	Completed /Ongoing	Crop-Area (ha)	No. of farmers			
											SC	ST	Others	General
Mahasamund	Kharif	Horticulture	Crop Production	Improved Variety "Kashi Kanchan"	Vegetable	Cowpea	Kashi Kanchan	Rainfed	Completed	0.4	00	00	05	00

Economic Impact of Crop FLD

KVK Name	Technology for demonstration	Name of Crop/ Enterprise	Name of Parameter	Name of Unit	Result		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
					FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Mahasamund	Improved Variety "Kashi Kanchan"	Cowpea	Yield, B:C ratio	Q/ha.	121	165	99074	115272	181500	247500	82426	132228	1.83	2.15

Details of FLDs organized

KVK Name	Season	Discipline	Thematic area	Technology for demonstration	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed /Ongoing	Crop-Area (ha)	No. of farmers			
											SC	ST	Others	General
Mahasamund	Rabi	Horticulture	Crop Production	Fruit Bagging	Fruit	Guava	Thai	irrigated	Ongoing	0.4	0	0	05	00

Economic Impact of Crop FLD

KVK Name	Technology for demonstration	Name of Crop/ Enterprise	Name of Parameter	Name of Unit	Result		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
					FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Mahasamund	Fruit bagging in Guava	Guava	Yield, B:C ratio	Q/ha.	382	568	8000000	10000000	1528000	2272000	7280000	1272000	1.91	2.27

Details of FLDs organized (Based on soil test analysis)

KV	Season	Discipline	Them	Technolog	Crop	Name	Name	Farming	Comp	Crop-	No. of farmers

K Name	on	(Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry)	atic area	y for demonstration	Category	of Crop	of Variety	Situation (rainfed/irrigated/semi-irrigated)	leted /Ongoing	Area (ha)	SC	ST	Others	General
Mahasamund	Kharif 2023	Soil Science	INM	Demonstration of INM in Black gram	Pulse	Black gram	Indira Urd Pratham	Rainfed	Completed	4.8	2	6	4	
Mahasamund	Rabi - 2023-24	Soil Science	Nutrient management	Demonstration on improved Utera technique in Lathyrus	Pulse	Lathyrus	Mahatiwda	Irrigated	Ongoing	4.8	2	5	5	

Economic Impact of Crop FLD

KVK Name	Technology for demonstration	Name of Crop/ Enterprise	Name of Parameter	Name of Unit	Result		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
					FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Mahasamund	1. Improved variety (Indira urd pratham) 2. Application of 75% (N:P:K-20:40:20 kg/ha.) with Rhizobium + PSB + KSB @5g/kg of seed & FYM 5 ton/ha.	Black gram	yield & B:C ratio	(q/h)	4.52	6.14	13610	15645	31414	42673	17840	27028	2.30	2.72

Mahasamund	1.Improved variety (Prateek/ Mahatiwda) 2. Seed treatment with Rhizobium, PSB & Trichoderma @5 g/kg seed each 3. Foliar application of NPK 19:19:19 at 30 DAS 4. Use of systemic insecticide	Lathyrus	yield & B:C ratio	(q/h)	Result Awaited									

Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	06		272
2	Farmers Training	17		516
3	Media coverage	25		Mass
4	Training for extension functionaries	16		397

Details of FLD on Enterprises

Farm Implements

Details of FLDs on Agriculture Engineering implemented during Jan-2023 to Dec-2023

KVK Name	Season	Thematic area	Technology for demonstration	Crop/ Enterprise Category	Name of Crop/ Enterprise	Name of Variety/Technology/ Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Entrep - No.	No. of farmers			
										SC	ST	Others	General
Mahasamund	Kharif /	**Farm mechanization**	Tractor Operated Baler	**Paddy crop residue**	-	Tractor Operated Baler	**rainfed/irrigated/semi-irrigated**	**Completed**	**5**	**0**	**0**	**5**	**0**
Mahasamund	Rabi	**Farm mechanization**	Seed cum fertilizer drill	**Cereals**	Wheat	Seed cum fertilizer drill	**Irrigated**	**Ongoing**	**5**	**0**	**0**	**5**	**0**

Economic Impact of Agriculture Engineering FLD

KVK Name	Technology for demonstration	Name of Crop/ Enterprise	Name of Performance parameters / indicators	Name of Unit	* Data on parameter in relation to technology demonstrated		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
					FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Mahasamund	Tractor Operated Baler	**Paddy crop residue**	Field capacity	Ha/hr	0.04	0.35	NA	NA	NA	NA	NA	NA	NA	NA
			cost of operation	Rs./ha	3750	3750								
Mahasamund	Seed cum fertilizer drill	Wheat	Field capacity	Ha/hr			Ongoing							
			yield,	Q/ha										

**Field efficiency, labour saving etc.*

Livestock Enterprises

Details of FLDs on Animal Science implemented during Jan-2023 to Dec-2023

KVK Name	Thematic area	Technology for demonstration	Name of Enterprise	Name of Breed	Completed/ Ongoing	No. of unit (animals, poultry birds etc.)	No. of farmers			
							SC	ST	Others	Gen

Economic Impact of Animal Science FLD

KVK Name	Technology for demonstration	Name of Enterprise	Performance parameters / indicators		*Data on parameter in relation to technology demonstrated		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		B:C Ratio (Gross Return / Gross Cost)	
			Name of Parameter	Name of unit	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)

**Milk production, meat production, egg production, reduction in disease incidence etc.*

Details of FLDs on Fishery implemented during Jan-2023 to Dec-2023

KVK Name	Thematic area	Technology for demonstration	Name of Enterprise	Completed/Ongoing	Area (ha) / Entrep - No.	No. of farmers			
						SC	ST	Others	General

Economic Impact of Fishery FLD

KVK Name	Technology for demonstration	Name of Enterprise	Performance parameters / indicators		Data on parameter in relation to technology demonstrated		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		B:C Ratio (Gross Return / Gross Cost)	
			Name of Parameter	Name of unit	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)

Information about Home Science FLDs - (For All Thematic Area)

Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Crop- Area (ha) / Entrep - No.	No. of farmers			
				SC	ST	Others	General

Economic Performance Home Science FLD: (Drudgery Reduction)

Technology for demonstration	Performance Indicator / Parameter													
	Output *		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

***Kindly use Unit as per the machine/implement/equipment used for drudgery reduction**

Economic Performance Home Science FLD: (Income Generation)

Technology for demonstration	Performance Indicator / Parameter									
	Production per unit (Q/No/Lit)		Average Cost of input (Rs/unit)		Average Gross Return(Rs/unit)		Average Net Return(Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

Economic Performance Home Science FLD: (For value addition)

Technology for demonstration	Performance Indicator / Parameter											
	Composition of product		Production per unit (Q/ Lit)		Average Cost of input (Rs/unit		Average Gross Return (Rs/unit)		Average Net Return (Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

Information about Home Science FLDs - (For Nutritional security)

Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Crop- Area (ha) / Entrep - No.	No. of farmers			
				SC	ST	Others	General
Nutritional security, Nutrition Sensitive Agriculture	Nutritional garden	Vegetables and Fruits	10	4	1	4	1

Economic Performance Home Science FLD: (For Nutritional security)

Technology for demonstration	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
	Name of Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		BMI ((Weight (Kg)/ (Height(in m) * Height(in m)))	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Nutritional garden	Yield, B:C Ratio	Yield, B:C Ratio	Yield-165 k.g. ,B:C Ratio-1.6/2	Yield-295 k.g. ,B:C Ratio-2.8/1.6	0	0	0	0	0		0		0	0	0	0		0

Cluster Demonstration of Oilseed and Pulses under NFSM (2023)

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	*Season and year*	Area (ha)	No. of farmers/ demonstration	Parameters identified
1	Sesamum(kunal)	Crop Production	HYV, Seed treatment, IPM	Seed, Biofertilizer, Herbicide	Kharif 2023	20	25	Yield, Income,B:C Ratio
2	Mustard	Crop Production	HYV, Seed treatment, IPM	Seed Biofertilizer, Herbicide	Rabi 2023-24	30	41	Yield, Income,B:C Ratio
3	Linseed	Crop Production	HYV, Seed treatment, IPM	Seed, Biofertilizer, Herbicide,	Rabi 2023-24	10	13	Yield, Income,B:C Ratio
4	Blackgram	Crop Production	HYV, Seed treatment, IPM	Seed, Biofertilizer, Herbicide	Rabi 2023	40	70	Yield, Income,B:C Ratio

Extension and Training activities under CFLDs Oilseed and Pulses

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	04	October (02) February(02),	189
2	Farmers Training	19	June-December	567
3	Media coverage	07	August, September, October, November and December, June-Oct	Mass
4	Training for extension functionaries	10	February, Nov,Dec	192

Training (Including the sponsored and FLD training programmes):

A) <u>ON Campus</u>

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
F &FW	Crop Production	Weed Management											
F &FW	Crop Production	Resource Conservation Technologies											
F &FW	Crop Production	Cropping Systems											
F &FW	Crop Production	Crop Diversification											
F &FW	Crop Production	Integrated Farming											
F &FW	Crop Production	Micro irrigation/irrigation											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
F &FW	Crop Production	Seed production											
F &FW	Crop Production	Nursery management											
F &FW	Crop Production	Integrated Crop Management											
F &FW	Crop Production	Soil & water conservation											
F &FW	Crop Production	Integrated nutrient Management											
F &FW	Crop Production	Production of organic inputs											
F &FW	Crop Production	Others(Pl. Specify)											
F &FW	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising of Tomato	01	01	01	00	19	00	09	07	12	10
F &FW	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising of Tomato	01	01	00	00	15	04	10	04	11	16
F &FW	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising of vegetable in Pro trays	01	01	00	00	14	03	05	08	17	9
F &FW	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising of vegetable in Polybags	01	01	00	00	13	08	12	06	18	12
F &FW	Horticulture (Vegetable Crops)	Nursery raising	Types of Nursery beds and their uses	01	01	00	00	16	1	13	8	10	17
F &FW	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising of Tomato	01	01	01	00	19	00	09	07	12	10
F &FW	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising of Tomato	01	01	00	00	15	04	10	04	11	16
F &FW	Horticulture (Fruits)	Training and Pruning	Training and Pruning in Fruit Crops	01	01	00	06	07	16	09	7	7	12
F &FW	Horticulture (Fruits)	Layout and Management of Orchards	Layout and Management of Orchards	01	01	00	07	03	11	10	6	11	16
F &FW	Horticulture (Fruits)	Cultivation of Fruit	HDP in Guava	01	01	00	00	00	04	00	06	19	08
F &FW	Horticulture (Fruits)	Management of young plants/orchards	Orchard Management and Maintainenance	01	01	01	04	05	15	06	7	9	14
	Horticulture (Fruits)	Rejuvenation of old orchards											
	Horticulture (Fruits)	Export potential fruits											
	Horticulture (Fruits)	Micro irrigation systems of orchards											
	Horticulture (Fruits)	Plant propagation techniques											
	Horticulture (Fruits)	Others (Pl. Specify)											
	Horticulture (Ornamental Plants)	Nursery Management											
	Horticulture (Ornamental Plants)	Management of potted plants											
	Horticulture (Ornamental Plants)	Export potential of ornamental plants											
	Horticulture (Ornamental Plants)	Propagation techniques of											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
		Ornamental Plants											
	Horticulture (Ornamental Plants)	Others (Pl. Specify)											
	Horticulture(Plantation crops)	Production and Management technology											
	Horticulture(Plantation crops)	Processing and value addition											
	Horticulture(Plantation crops)	Others (Pl. Specify)											
	Horticulture(Tuber crops)	Production and Management technology											
	Horticulture(Tuber crops)	Processing and value addition											
	Horticulture(Tuber crops)	Others (Pl. Specify)											
	Horticulture(Spices)	Production and Management technology											
	Horticulture(Spices)	Processing and value addition											
	Horticulture(Spices)	Others (Pl. Specify)											
	Horticulture(Medicinal and Aromatic Plants)	Nursery management											
	Horticulture(Medicinal and Aromatic Plants)	Production and management technology											
	Horticulture(Medicinal and Aromatic Plants)	Post harvest technology and value addition											
	Horticulture(Medicinal and Aromatic Plants)	Others (Pl. Specify)											
	Soil Health and Fertility Management	Soil fertility management	Importance and use of soil health card	1	1	4	2	3	2	5	3	5	1
	Soil Health and Fertility Management	Integrated water management											
F &FW	**Soil Health and Fertility Management**	Integrated Nutrient Management	Integrated nutrient management in Rabi and Kharif crops	1	1	4	2	9	3	8	2	7	1
F &FW	**Soil Health and Fertility Management**	Production and use of organic inputs	Vermicompo sting technique , Various technique of organic farming	1	1	4	1	8	1	9	4	7	2
F &FW	**Soil Health and Fertility Management**	Management of Problematic soils											
F &FW	**Soil Health and Fertility Management**	Micro nutrient deficiency in crops	Deficiency Symptoms and their mana	1	1	4	1	8		6	2	8	4

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
			gement of micro nutrient										
F &FW	Soil Health and Fertility Management	Nutrient Use Efficiency	Biofertilizer application technology	1	1	8	1	10	7	12	5	4	2
F &FW	Soil Health and Fertility Management	Balance Use of fertilizer	Importance and advances of balance fertilization	1	1	5		9	5	8	3	9	2
F &FW	Soil Health and Fertility Management	Soil & water testing											
F &FW	Soil Health and Fertility Management	Organic Farming	Organic farming technique	1	4		10	6	11		8	5	2
	Soil Health and Fertility Management	Others (Pl. Specify)											
	Livestock Production and Management	Dairy Management											
	Livestock Production and Management	Poultry Management											
	Livestock Production and Management	Piggery Management											
	Livestock Production and Management	Rabbit Management											
	Livestock Production and Management	Animal Nutrition Management											
	Livestock Production and Management	Disease Management											
	Livestock Production and Management	Feed & fodder technologies											
	Livestock Production and Management	Production of quality animal products											
	Livestock Production and Management	Others (Pl. Specify)											
	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening											
	Home Science/Women empowerment	Design and development of low/minimum cost diet											
	Home Science/Women empowerment	Designing and development for high nutrient efficiency diet											
	Home Science/Women empowerment	Minimization of nutrient loss in processing											
	Home Science/Women empowerment	Processing & cooking											
	Home Science/Women empowerment	Gender mainstreaming through SHGs											
	Home Science/Women empowerment	Storage loss minimization techniques											
	Home Science/Women empowerment	Value addition											
	Home Science/Women	Women empowerment											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	empowerment												
	Home Science/Women empowerment	Location specific drudgery reduction technologies											
	Home Science/Women empowerment	Rural Crafts											
	Home Science/Women empowerment	Women and child care											
	Home Science/Women empowerment	Others (Pl. Specify)											
F &FW	**Agril. Engineering**	Farm machinery & its maintenance	Importance, operation and maintenance of farm machinery	1	1	1	0	1	0	1	0	26	0
F &FW	**Agril. Engineering**	Installation and maintenance of micro irrigation systems	Micro irrigation system and management	1	1	2	0	2	0	1	0	23	0
F &FW	**Agril. Engineering**	Use of Plastics in farming practices											
F &FW	**Agril. Engineering**	Production of small tools and implements											
F &FW	**Agril. Engineering**	Repair and maintenance of farm machinery and implements											
F &FW	**Agril. Engineering**	Small scale processing and value addition	Post-harvest management and processing of millets	3	3	7	0	3	1	4	1	43	7
	Agril. Engineering	Post Harvest Technology											
F &FW	**Agril. Engineering**	Others (Pl. Specify)	Rain water harvesting and conservation	1	1	4	0	3	2	1	1	19	4
	Plant Protection	Integrated Pest Management											
	Plant Protection	Integrated Disease Management											
	Plant Protection	Bio0control of pests and diseases											
	Plant Protection	Production of bio control agents and bio pesticides											
	Plant Protection	Others (Pl. Specify)											
	Fisheries	Integrated fish farming											
	Fisheries	Carp breeding and hatchery management											
	Fisheries	Carp fry and fingerling rearing											
	Fisheries	Composite fish culture											
	Fisheries	Hatchery management and culture of freshwater prawn											
	Fisheries	Breeding and culture of ornamental fishes											
	Fisheries	Portable plastic carp hatchery											
	Fisheries	Pen culture of fish and prawn											
	Fisheries	Shrimp farming											
	Fisheries	Edible oyster farming											
	Fisheries	Pearl culture											
	Fisheries	Fish processing and value											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
		addition											
	Fisheries	Others (Pl. Specify)											
	Production of Input at site	Seed Production											
	Production of Input at site	Planting material production											
	Production of Input at site	Bio0agents production											
	Production of Input at site	Bio0pesticides production											
	Production of Input at site	Bio0fertilizer production											
	Production of Input at site	Vermi0compost production											
	Production of Input at site	Organic manures production											
	Production of Input at site	Production of fry and fingerlings											
	Production of Input at site	Production of Bee0colonies and wax sheets											
	Production of Input at site	Small tools and implements											
	Production of Input at site	Production of livestock feed and fodder											
	Production of Input at site	Production of Fish feed											
	Production of Input at site	Mushroom production											
	Production of Input at site	Apiculture											
	Production of Input at site	Others (Pl. Specify)											
	Capacity Building and Group Dynamics	Leadership development											
	Capacity Building and Group Dynamics	Group dynamics											
	Capacity Building and Group Dynamics	Formation and Management of SHGs											
	Capacity Building and Group Dynamics	Mobilization of social capital											
	Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths											
	Capacity Building and Group Dynamics	WTO and IPR issues											
	Capacity Building and Group Dynamics	Others (Pl. Specify)											
	Agro forestry	Production technologies											
	Agro forestry	Nursery management											
	Agro forestry	Integrated Farming Systems											
	Agro forestry	Others (Pl. Specify)											

B) OFF Campus

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	Crop Production	Weed Management											
	Crop Production	Resource Conservation Technologies											
	Crop Production	Cropping Systems											
	Crop Production	Crop Diversification											
	Crop Production	Integrated Farming											
	Crop Production	Micro irrigation/irrigation											
	Crop Production	Seed production											
	Crop Production	Nursery management											
	Crop Production	Integrated Crop Management											
	Crop Production	Soil & water conservation											
	Crop Production	Integrated nutrient Management											
	Crop Production	Production of organic inputs											
	Crop Production	Others(Pl. Specify)											
	Horticulture (Vegetable Crops)	Production of low volume and											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
		high value crops											
	Horticulture (Vegetable Crops)	Off season vegetables											
	Horticulture (Vegetable Crops)	Nursery raising											
	Horticulture (Vegetable Crops)	Exotic vegetables											
	Horticulture (Vegetable Crops)	Export potential vegetables											
	Horticulture (Vegetable Crops)	Grading and standardization											
	Horticulture (Vegetable Crops)	Protective cultivation											
	Horticulture (Vegetable Crops)	Others(Pl. Specify)											
	Horticulture (Fruits)	Training and Pruning											
	Horticulture (Fruits)	Layout and Management of Orchards											
	Horticulture (Fruits)	Cultivation of Fruit											
	Horticulture (Fruits)	Management of young plants/orchards											
	Horticulture (Fruits)	Rejuvenation of old orchards											
	Horticulture (Fruits)	Export potential fruits											
	Horticulture (Fruits)	Micro irrigation systems of orchards											
F &FW	**Horticulture (Fruits)**	Plant propagation techniques	Plant propagation technique in Fruit Crops	01	01	02	03	8	12	09	7	6	15
F &FW	**Horticulture (Fruits)**	Others (Pl. Specify)											
F &FW	**Horticulture (Ornamental Plants)**	Nursery Management											
F &FW	**Horticulture (Ornamental Plants)**	Management of potted plants											
F &FW	**Horticulture (Ornamental Plants)**	Export potential of ornamental plants											
F &FW	**Horticulture (Ornamental Plants)**	Propagation techniques of Ornamental Plants											
F &FW	**Horticulture (Ornamental Plants)**	Others (Pl. Specify)											
F &FW	**Horticulture(Plantation crops)**	Production and Management technology											
F &FW	**Horticulture(Plantation crops)**	Processing and value addition											
F &FW	**Horticulture(Plantation crops)**	Others (Pl. Specify)											
F &FW	**Horticulture(Tuber crops)**	Production and Management technology	Improved Production technology of Colocassia	01	01	00	01	08	12	09	4	08	12
F &FW	**Horticulture(Tuber crops)**	Processing and value addition											
F &FW	**Horticulture(Tuber crops)**	Others (Pl. Specify)											
F &FW	**Horticulture(Spices)**	Production and Management technology	Improved Production technology of Turmeric	01	01	00	00	03	12	00	9	02	06
F &FW	**Horticulture(Spices)**	Production and Management technology	Improved Production technology of Ginger	01	01	00	00	06	15	00	6	02	07
F &FW	**Horticulture(Spices)**	Production and Management technology	Improved Production technolog	01	01	01	00	04	10	06	2	03	05

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
			y of Coriander										
F &FW	Horticulture(Medicinal and Aromatic Plants)	Production and Management technology	Improved Production technology of Fenugreek	01	01	00	00	04	06	08	4	08	10
F &FW	Horticulture(Medicinal and Aromatic Plants)	Production and management technology	Improved Production technology of Lemon Grass	01	01	00	00	02	14	00	7	00	05
F &FW	Horticulture(Medicinal and Aromatic Plants)	Production and management technology	Improved Production technology of Palm Rosa	01	01	00	00	02	14	00	7	00	05
F &FW	Horticulture(Medicinal and Aromatic Plants)	Production and management technology	Improved Production technology of Patchouli	01	01	00	00	02	14	00	7	00	05
F &FW	Horticulture(Medicinal and Aromatic Plants)	Production and management technology	Improved Production technology of Basil	01	01	00	00	02	14	00	7	00	05
F &FW	Soil Health and Fertility Management	Soil fertility management											
F &FW	Soil Health and Fertility Management	Integrated water management											
F &FW	Soil Health and Fertility Management	Integrated Nutrient Management	Integrated nutrient management in Rabi and Kharif crops	2	2	2		10	4	11	2	14	4
F &FW	Soil Health and Fertility Management	Production and use of organic inputs	Vermi composting technique , Various technique of organic farming	2	2	7		8		11	8	22	3
F &FW	Soil Health and Fertility Management	Management of Problematic soils	Reclamation of Problematic soil	1	1	7		6	4	11	5	8	2

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
F &FW	**Soil Health and Fertility Management**	Micro nutrient deficiency in crops	Deficiency Symptoms and their management of micro nutrient	2	2	6		9	2	9	3	13	5
F &FW	**Soil Health and Fertility Management**	Nutrient Use Efficiency	Biofertilizer application technology	3	2	11		14	6	25	37	7	8
F &FW	**Soil Health and Fertility Management**	Balance Use of fertilizer	Importance and advances of balance fertilization	2	2	11		16	7	18	4	15	6
F &FW	**Soil Health and Fertility Management**	Soil & water testing											
F &FW	**Soil Health and Fertility Management**	Organic Farming	Organic farming technique	1	4		9	8	10		9	5	5
	Soil Health and Fertility Management	Others (Pl. Specify)											
	Livestock Production and Management	Dairy Management											
	Livestock Production and Management	Poultry Management											
	Livestock Production and Management	Piggery Management											
	Livestock Production and Management	Rabbit Management											
	Livestock Production and Management	Animal Nutrition Management											
	Livestock Production and Management	Disease Management											
	Livestock Production and Management	Feed & fodder technologies											
	Livestock Production and Management	Production of quality animal products											
	Livestock Production and Management	Others (Pl. Specify)											
	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
		gardening											
	Home Science/Women empowerment	Design and development of low/minimum cost diet											
	Home Science/Women empowerment	Designing and development for high nutrient efficiency diet											
	Home Science/Women empowerment	Minimization of nutrient loss in processing											
	Home Science/Women empowerment	Processing & cooking											
	Home Science/Women empowerment	Gender mainstreaming through SHGs											
	Home Science/Women empowerment	Storage loss minimization techniques											
	Home Science/Women empowerment	Value addition											
	Home Science/Women empowerment	Women empowerment											
	Home Science/Women empowerment	Location specific drudgery reduction technologies											
	Home Science/Women empowerment	Rural Crafts											
	Home Science/Women empowerment	Women and child care											
	Home Science/Women empowerment	Others (Pl. Specify)											
F &FW	**Agril. Engineering**	Farm machinery & its maintenance	Importance, operation and maintenance of farm machinery	1	1	0	0	1	0	2	0	28	0
F &FW	**Agril. Engineering**	Installation and maintenance of micro irrigation systems	Micro irrigation system and management	1	1	1	0	0	0	2	0	22	0
	Agril. Engineering	Use of Plastics in farming practices											
	Agril. Engineering	Production of small tools and implements											
	Agril. Engineering	Repair and maintenance of farm machinery and implements											
F &FW	**Agril. Engineering**	Small scale processing and value addition	Post-harvest management and processing of millets	3	3	2	3	3	3	4	2	48	8
F &FW	**Agril. Engineering**	Post Harvest Technology											
F &FW	**Agril. Engineering**	Others (Pl. Specify)	Rain water harvesting and conservation	1	1	1	1	2	0	1	2	17	0
F &FW	**Plant Protection**	Integrated Pest Management											
F &FW	**Plant Protection**	Integrated Disease Management											
F &FW	**Plant Protection**	Bio0control of pests and diseases											
F &FW	**Plant Protection**	Production of bio control agents and bio pesticides											
F &FW	**Plant Protection**	Others (Pl. Specify)											
F &FW	**Fisheries**	Integrated fish farming											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
F &FW	Fisheries	Carp breeding and hatchery management											
F &FW	Fisheries	Carp fry and fingerling rearing											
F &FW	Fisheries	Composite fish culture											
F &FW	Fisheries	Hatchery management and culture of freshwater prawn											
F &FW	Fisheries	Breeding and culture of ornamental fishes											
F &FW	Fisheries	Portable plastic carp hatchery											
F &FW	Fisheries	Pen culture of fish and prawn											
F &FW	Fisheries	Shrimp farming											
F &FW	Fisheries	Edible oyster farming											
F &FW	Fisheries	Pearl culture											
F &FW	Fisheries	Fish processing and value addition											
F &FW	Fisheries	Others (Pl. Specify)											
F &FW	Production of Input at site	Seed Production											
F &FW	Production of Input at site	Planting material production											
	Production of Input at site	Bio0agents production											
	Production of Input at site	Bio0pesticides production											
	Production of Input at site	Bio0fertilizer production											
	Production of Input at site	Vermi0compost production											
	Production of Input at site	Organic manures production											
	Production of Input at site	Production of fry and fingerlings											
	Production of Input at site	Production of Bee0colonies and wax sheets											
	Production of Input at site	Small tools and implements											
	Production of Input at site	Production of livestock feed and fodder											
	Production of Input at site	Production of Fish feed											
	Production of Input at site	Mushroom production											
	Production of Input at site	Apiculture											
	Production of Input at site	Others (Pl. Specify)											
	Capacity Building and Group Dynamics	Leadership development											
	Capacity Building and Group Dynamics	Group dynamics											
	Capacity Building and Group Dynamics	Formation and Management of SHGs											
	Capacity Building and Group Dynamics	Mobilization of social capital											
	Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths											
	Capacity Building and Group Dynamics	WTO and IPR issues											
	Capacity Building and Group Dynamics	Others (Pl. Specify)											
	Agro forestry	Production technologies											
	Agro forestry	Nursery management											
	Agro forestry	Integrated Farming Systems											
	Agro forestry	Others (Pl. Specify)											

Details of Training Programmes conducted by the KVKs for Rural Youth

A. ON Campus

Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi culture											
Mushroom Production											
Bee keeping											
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Others(Pl. Specify)											

B. OFF Campus

Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi culture	Various method of Vermicom post Production	1	1	9	3	12	2	5	3	9	1
Mushroom Production											
Bee keeping											
Sericulture											

Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Others(Pl. Specify)											

Details of Training Programmes conducted by the KVKs for Extension Personnel

A. ON Campus

Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management	practices of INM for crop productio n	1	1	3	2	5	3	5	1	9	3
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Others(Pl. Specify)	Impact of Climate change in agriculture. Importance about Agro Observatory in Agriculture. Meghdoot	3	5 Days							20	5

Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
	App technologies in Agriculture										

B. OFF Campus

Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Others(Pl. Specify) (Agro-Meteorology)	Complete Information of Meghdoot app agriculture as well as weather forecast to the farmers. Damini app technologies in agriculture. Weather elements in agriculture.	3	5 Days							20	5

Details of Vocational training programmes for Rural Youth conducted by the KVKs

Thematic Area	Sub Theme	Training title	No of Courses	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Crop production and management	Commercial floriculture											
Crop production and management	Commercial fruit production											
Crop production and management	Commercial vegetable production											
Crop production and management	Integrated crop management											
Crop production and management	Organic farming											
Crop production and management	**Others(Pl. Specify)**											

Thematic Area	Sub Theme	Training title	No of Courses	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Post harvest technology and value addition	Value addition											
Post harvest technology and value addition	**Others(Pl. Specify)**											
Livestock and fisheries	Dairy farming											
Livestock and fisheries	Composite fish culture											
Livestock and fisheries	Sheep and goat rearing											
Livestock and fisheries	Piggery											
Livestock and fisheries	Poultry farming											
Livestock and fisheries	**Others(Pl. Specify)**											
Income generation activities	Vermi-composting											
Income generation activities	Production of bio-agents, bio-pesticides,											
Income generation activities	Bio-fertilizers etc.											
Income generation activities	Repair and maintenance of farm machinery & implements											
Income generation activities	Rural Crafts											
Income generation activities	Seed production											
Income generation activities	Sericulture											
Income generation activities	Mushroom cultivation											
Income generation activities	Nursery, grafting etc.											
Income generation activities	Tailoring, stitching, embroidery, dying etc.											
Income generation activities	Agril. para0workers, para0vet training											
Income generation activities	**Others(Pl. Specify)**											
Agricultural Extension	Capacity building and group dynamics											
Agricultural Extension	**Others(Pl. Specify)**											

Table 5.5. Sponsored Training Programmes

Client (F &FW/F W/ RY/ IS)	Thematic area	Sub-theme	Training Title	No. of course s	Durati on (days)	No. of Participants								Sponso ring Agency	Fund receiv ed for traini ng (Rs.)
						Gen		Othe rs		SC		ST			
						M	F	M	F	M	F	M	F		
	Crop production and management	Increasing production and productivity of crops													
	Crop production and management	Commercial production of vegetables													
	Crop production and management	Production and value addition													
	Crop production and management	Fruit Plants													
	Crop production and management	Ornamental plants													
	Crop production and management	Spices crops													
	Crop production and management	Soil health and fertility management													
	Crop production and management	Production of Inputs at site													
	Crop production and management	Methods of protective cultivation													
	Crop production and management	**Others(Pl. Specify)**													

Client (F &FW/FW/ RY/ IS)	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
						Gen		Others		SC		ST			
						M	F	M	F	M	F	M	F		
	Post harvest technology and value addition	Processing and value addition													
	Post harvest technology and value addition	**Others(Pl. Specify)**													
	Farm machinery	Farm machinery, tools and implements													
	Farm machinery	**Others(Pl. Specify)**													
	Livestock and fisheries	Livestock production and management													
	Livestock and fisheries	Animal Nutrition Management													
	Livestock and fisheries	Animal Disease Management													
	Livestock and fisheries	Fisheries Nutrition													
	Livestock and fisheries	Fisheries Management													
	Livestock and fisheries	**Others(Pl. Specify)**													
	Home Science	Household nutritional security													
	Home Science	Economic empowerment of women													
	Home Science	Drudgery reduction of women													
	Home Science	**Others(Pl. Specify)**													
	Agricultural Extension	Capacity Building and Group Dynamics													
	Agricultural Extension	**Others(Pl. Specify)**													

Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	5	224	42	266	3	0	3	427	42	469
Kisan Mela	1	152	82	234	4	3	7	156	85	241
Kisan Ghosthi	5	209	236	445	14	4	18	223	240	463
Exhibition	5	1138	334	1472	27	4	31	1165	338	1503
Film Show	10	245	312	557	0	0	0	245	312	557
Method Demonstrations	10	52	136	188	3	3	6	55	139	194
Farmers Seminar	4	117	64	181	4	0	4	121	64	185
Workshop	12	224	122	346	0	0	0	224	122	346
Group meetings	15	188	24	212	0	0	0	18		200
Lectures delivered as resource persons	24	518	136	654	18	4	22	336	140	676
Newspaper coverage	32	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass
Radio talks	3(kunal)	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass
TV talks	1(kunal)	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass
Popular articles	12	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass	Mass
Extension Literature	4									500
Advisory Services	104									81673
Scientific visit to farmers field	152	203	92	295	0	0	0	203	92	295
Farmers visit to KVK	112	1344	377	1711	0	0	0	1334	377	1711
Diagnostic visits	32	42	7	49	0	0	0	42	7	49
Exposure visits	6	197	88	285	0	0	0	197	88	285
Ex-trainees Sammelan	2	45	34	79	0	0	0	45	34	79
Soil health Camp	1	29	7	36	2	1	3	31	3	34
Animal Health Camp	2	98	03	101	2	0	0	100	3	103
Soil test campaigns	1	68	0	68	1	0	0	69	0	69
Self Help Group Conveners meetings	2	0	62	62	0	2	2	0	64	64
Celebration of important days (specify)	8	118	108	227	0	0	0	118	227	345
Others (pl. specify)	12	132	237	369	0	8	8	132	245	377
Total										

Mass media used for wide publicity

Name of media	Number of events/activity	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
CD/DVD				
Radio talks	05	Akashwani Raipur	Raipur	**Regional,**
TV talks	01	Doordarshan Raipur)	CG State	Regional
Newspaper coverage	32	Amanpath,naidhunia,navbharat,dhainik bhaskar (Saket)	Mahasamund	**Regional**
Kisan Mela	-	-	-	-
Extension Litrature	5			
Internet (Youtube)	-	-	-	-
Social media (Whats App, Facebook, Instagram, Twitter etc.)	3			

Production and supply of Technological products

SEED MATERIALS

Category	Crop	Variety (pl. give the name of variety instead of local)	Quantity (qtl.)	Value (Rs.)	Provided to no. of Farmers/ society	Expected area coverage (ha.)
CEREALS						
OILSEEDS	Mustard	C.G. Sarson-1	8.6	64500	3	172
	Linseed	RLC-133	1.8	11520	1	6
PULSES	Blackgram	Indira Urd Pratham	8.48	86920	4	42
VEGETABLES						
FLOWER CROPS						
OTHERS (Specify)						

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
FRUITS	Mango	Local	2000			
	Lemon	Konkan	3000	6840	100	
	Jack fruit	LOcal	1000			
	Aonla	Local	5000	360	100	
	Lime	Local	800		30	
	Lasora	Local	50		2	
	Almond	Local	50	30		
	Guava	Local	2500	400		
	Woodapple	Local	1200			
	Sapota	Cricket Ball	100			
	Mango graft	C.G. Nandiraj/ Amrapali/ Mallika	2000	12150	15	
	Causterd Apple	Local	1500	200	10	
	Karonda	Lal Hara Local	50000	4200	100	
	Drumstick	PKM-1	500		100	
	Jamun	Local	800	250	100	
	Tamarind	Local	1300			
SPICES						
VEGETABLES	Drumstick	PKM-1	500		100	

FOREST SPECIES						
ORNAMENTAL CROPS						
PLANTATION CROPS	Neem	Local	500		100	Neem
	Karanj	Local	500		100	Karanj
	Others	Loacl	20000		200	Others
Others (specify)	Napier	COBN-5	600000	3000	100	Napier

Bio-products

S.No	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Species	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
1	**Bio Fertilizers**	Non Symbiotic Azotobacter						
		Vermicompost		84120	28	841200/-	Used in kvk farm	20 ha
		Azolla		1920	40	19200/-	Used in kvk Poultry and Animal Unit	10 ha
		Earthworms						
		Compost						
		Blue Green Algae						
		NADEP		10830	36	541525/-	Used in kvk farm	20 ha
		Sanjeewani Khad						
		Acetobactor						
		Aspergillius						
		Azatobactor						
		Azospirillum						
		Phosphate solublizing Bacteria						
		Rhizobium						
		Other (pl. sp.)						
2	**Bio-Food**	Spirulina						
		Honey						
		Any Other (pl. sp.)						
3	**Bio Pesticides**	Neem extract						

S.No	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Species	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
		Neem powder						
		Tobacco extract						
		Trichoderma viride						
		Trichoderma harjinum						
		Trichogramma chilonis						
		Beauveria bassiana						
		Metarhizium anisopliae						
		Pseudomonas fluorescens						
		SlNPV						
		HaNPV						
		GF1						
		Baco Lures						
		Heli Lures						
		Leucin Lures						
		Paeciliomyces						
		Panchagavya						
		Verticillium						
4	**Bio Agents (Tricho card)**	*Trichogramma chilonis*						
		Chrysoperla carnea						
		Tricho card						
		Any other **(Pl. Specify)**						
5	**Bio Agents (Pyrilla parasitoids)**	*Ooincirtus papilionis*						
		Epiricania melanolauca						
6	**Bio Agents(Worms)**	*Eisenia fetida*						
		Eudrilus eugeniae						
		Earth worm						
		Any other **(pl. specify)**						
7	**Others**	Mushroom spawn						

S.No	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Species	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
		Mineral Mixture						
		Cow dung (dry)						
		Any other **(pl. specify)**						

S.No	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Species	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
1	**Bio Fertilizers**	Non Symbiotic Azotobacter						
		Vermicompost						
		Azolla						
		Earthworms						
		Compost						
		Blue Green Algae						
		NADEP						
		Sanjeewani Khad						
		Acetobactor						
		Aspergillius						
		Azatobactor						
		Azospirillum						
		Phosphate solublizing Bacteria						
		Rhizobium						
		Other (pl. sp.)						
2	**Bio-Food**	Spirulina						
		Honey						
		Any Other (pl. sp.)						
3	**Bio Pesticides**	Neem extract						
		Neem powder						
		Tobacco extract						
		Trichoderma viride						
		Trichoderma harjinum						

S.No	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Species	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
		Trichogramma chilonis						
		Beauveria bassiana						
		Metarhizium anisopliae						
		Pseudomonas fluorescens						
		SlNPV						
		HaNPV						
		GF1						
		Baco Lures						
		Heli Lures						
		Leucin Lures						
		Paeciliomyces						
		Panchagavya						
		Verticillium						
4	**Bio Agents (Tricho card)**	*Trichogramma chilonis*						
		Chrysoperla carnea						
		Tricho card						
		Any other **(Pl. Specify)**						
5	**Bio Agents (Pyrilla parasitoids)**	*Ooincirtus papilionis*						
		Epiricania melanolauca						
6	**Bio Agents(Worms)**	*Eisenia fetida*						
		Eudrilus eugeniae						
		Earth worm						
		Any other **(pl. specify)**						
7	**Others**	Mushroom spawn						
		Mineral Mixture						
		Cow dung (dry)						
		Any other **(pl. specify)**						

LIVESTOCK

S.No	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries
					unit (kg/qt./liter/no)	Qty.		
1	Dairy animals	Cow	Gir	Milk	liter	3583	171984	
		Calves	Gir	ox	number	2	8000	
		Goats	Barbari	Meat	number	10	0	
		Buffaloes						
		Sheep						
		Breeding bull						
		Other (pl specify)						
2	Poultry	Poultry	Kadaknath	Meat	kg	140.171	61379	19
		Poultry	Kadaknath	Chicks	number	210	13560	14
		Poultry	Kadaknath	Egg	number	431	3448	18
		Japanese quail	Japanese	Adult(Meat)	number	1716	68640	45
		Japanese quail	Japanese	Chicks	number	3844	38440	7
		Japanese quail	Japanese	Egg	number	1556	1945	5
		Ducks	Khkhi kambel, White Pecins	Adult(Meat)	number	37	9250	16
		Ducks	Khkhi kambel, White Pecins	Chicks	number	54	4350	5
		Turkey						
		Other						
3	Piggery	Piglets						
		Boar						
		Sow						
		Other (pl specify)						
4	Fisheries	Indian carp						
		Exotic carp						
		Other (pl specify)						

Period	Quarter	Number of copies published	Number of copies distributed	Type of beneficiaries receiving the newsletter (Farmer, District/ block/Panchayat Official, D.M. etc.
January to March 2023	Q1	250	250	farmers, officers
April to June 2023	Q2	250	250	farmers, officers
July to September 2023	Q3	250	250	farmers, officers
October to December 2023	Q4	250	250	farmers, officers

Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1			
2			
3			

Literature developed/published

Type	Number (please don't give mass please fill number only)	Number of copies printed (please don't give mass please fill number only)
Abstract	02	02
Book	02	5000
Book Chapter	08	500
Booklet	-	-
CD/DVD	-	-
Leaflets/ Folder/ Pamphlet	2	14000
Popular article	1	1000
Research Paper	6	-
Technical Bulletin	05	500
Training Manual	-	-
Technical Report	7	2
Year Planner	1	100
Others (pl. specify)		

Activities of Soil and Water Testing Laboratory

Year of establishment: 2017-18
List of equipments purchased:

Sl. No.	Name of the Equipment	Qty.	Condition
1	PH meter	1	Working
2	Conductivity meter	1	Working
3	Nitrogen Analyzer	1	Working
4	Spectrophotometer	1	Working
5	Flame photo meter	1	Working

Details of Soil samples analyzed:

Soil Testing Kits till date		No of soil samples		No. of Samples analyzed			No. of Farmers benefited			No. of Villages covered	Amount realized	Soil health card distributed to the farmers by KVK (Nos)	
				by KVKs		By Department	By KVK		By Department			Through Mini Soil Testing kit	Through Soil testing laboratory
Sanctioned	Procured	Collected by KVKs	Provided by Dept./ DDA	Mini Soil Testing kit	Soil testing laboratory		Mini Soil Testing kit	Soil testing laboratory					
1	1	320	-	320	-	-	320	-	-	16	Nil	320	-

Details of water samples analyzed :

No. of Samples	No. of Farmers	No. of Villages	Amount realized	Test report distributed to the farmers (Nos)

Details of Plant samples analyzed :

No. of Plant Samples analyzed	No. of Farmers	No. of Villages	Amount realized

Footfall of farmers in KVKs (Jan. 2023 to Dec. 2023)

Name of KVK	Footfall during 2023			
	No. of Farmers	No. of officials	No. of VIPs	Total
Mahasamund	1711	32	21	1764

*** JPEG Photographs (2-3 only)**

Status of Kisan Mobile Advisory (KVK-KMA)

S. No.	Thematic area	Particulars	No of Calls	No of advisory sent	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
1	Crop Management	Crop Production Technology	**8**	**5**	**4**	**83839**	**1142**	**87693**
		Integrated Farming						
		Field Preparation						
		Any Other (Specify)						
2	Weather	Advisory	12	8	8	83839	1142	87693
		Change in variety						
		Change in Sowing technique						
		Climate forecast	10	8	8	83839	1142	87693
		Any Other (Specify)						
3	Soil Management	Soil Testing	8	5	5	83839	1142	87693
		INM						
		Fertilizer Application						
		Vermicomposting/ bio-waste recycling	8	5	5	83839	1142	87693
		Bio-fertilizer						
		Any Other (Specify)						
4	Disease & Pest Management	Disease Management	6	7	7	83839	1142	87693
		Pest Management	6	7	7	83839	1142	87693
		Preventive Advisory Disease Management	10	8	8	83839	1142	87693
		Preventive Advisory Pest Management	10	8	8	83839	1142	87693
		Bio-pesticides						
		Any Other (Specify)						
5	Nutrition Security & Women Empowerment	Nutrition Awareness						
		Kitchen garden						
		Value Addition and Processing						
		Drudgery Reduction						
		Entrepreneurship & Income Generation						
		Advisory						
		Any Other (Specify)						
6	Horticulture	Vegetable	5	4	4	83839	1142	87693
		Fruit	7	5	5	83839	1142	87693
		Hi Tech Horticulture						
		Any Other (Specify)	7	6	6	83839	1142	87693
7	Livestock	Feed and Fodder						
		Dairy Management	10	7	7	83839	1142	87693

S. No.	Thematic area	Particulars	No of Calls	No of advisory sent	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
		Fisheries						
		Poultry Management	10	7	7	83839	1142	87693
		Vaccination & Disease management						
		Any Other(Specify)						
8	Farm Mechanization		8	6	6	83839	1142	87693
9	Extension		12	7	7	83839	1142	87693
10	Organic Farming		8	5	5	83839	1142	87693
11	Marketing							
12	Awareness		10	5	5	83839	1142	87693
13	Other Enterprise							
14	Any Other(Specify)							

Status of KVK Website during Jan to Dec. 2023

Date of start of website	Address of Website	No. of updates during 2021	No. of visitors during 2021	Flag Collected	Year Planner
February 2014	www.kvkmahasamundcg.org	52	22577	102	Mahasamund

Mobile Apps developed by KVK during 2023

S.No	Name of KVK (Developer)	Name of Host organization	Title of Mobile App	Content (in one line)	Languages (in which app developed)	Number of downloads	Total expenditure incurred in developing app (Rs.)

ICT based module

Information on Whats app in social media by KVK

KVK	Discipline wise group with name of discipline	No of Farmer members	Activity details on whats app group
Mahasamund	Agronomy, Horticulture, Soil Sciences, Soil and water Engerring, Livestock Management and Agro-Meteorology	5000	Agriculture Based different technology in Mahasamund District Chhattisgarh.

Information on social media by KVK

KVK	Facebook			Twitter		Instragram	
	Scientists linked	Farmers connected	No of Post	No of tweets	People following	No of share	People following
Mahasamund	**-**	**-**	**-**	**03**	**30**	**-**	**-**

DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
Mahasamund	Gosthies	5	463	Kissan Gosthies
Mahasamund	Lectures organized	24	676	Lectures Delivered
Mahasamund	Exhibition	5	1503	Agri tech
Mahasamund	Film show	10	557	Crop Production technology
Mahasamund	Fair			
Mahasamund	Farm/ Field Visit	152	295	Crop Production, Livestock
Mahasamund	Diagnostic Practical's			
Mahasamund	Distribution of Literature (No.)	3	3500(no)	Soil Health and Natural Farming
Mahasamund	Distribution of Seed (q)	2	84.72(quintal)	Kudo, turmeric,ginger, coriander,redgram,
Mahasamund	Distribution of Planting materials (No.)	2	100750(no)	Napier, Lemon, Jackfruit, Amla, Karonda,
Mahasamund	Bio Product distribution (Kg)			
Mahasamund	Distribution of Bio Fertilizers (q)			
Mahasamund	Distribution of fingerlings			
Mahasamund	Distribution of Livestock specimen (No.)			
Mahasamund	Total number of farmers visited the technology week	112	1711	Farmers Visited
Mahasamund	Animal health camp	2	103	Vaccination deworming and treatment
Mahasamund	Awareness programme	8	483	Awareness programme under Millets, Natural Farming, Organic Farming, Drone Technology, Jal Sakti Abhiyan , Swachhata Abhiyan, Meterology Alert, Natural Farming , Quail ,Poultry
Mahasamund	Demonstration	10	194	Demonstration
Mahasamund	Exposure visit	6	285	Exposure visit
Mahasamund	Ex-trainees Meet	2	69	Ex-trainees Meet
Mahasamund	Farmer scientist interaction	12	372	Awareness , demonstration, advisory
Mahasamund	Farmers Training	65	1014	Farmers Training
Mahasamund	Gajarghans Unmulan Pakhwada	1	18	Gajarghans awareness programme
Mahasamund	Group Meeting	15	212	Group Meetings
Mahasamund	Jai Kisan Jai Vigyan Sangoshthi	1	53	Awareness programme
Mahasamund	Plant Protection Week			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
Mahasamund	Seed treatment campaign			
Mahasamund	Self Help Group convener meet	1	38	SHG awareness, implementation
Mahasamund	Soil health Camp	1	252	Soil Health Awareness Programme (VBSY)
Mahasamund	Swachha Bharat Abhiyan	24	172	Cleaning ,Awareness
Mahasamund	Others (Pl. Specify)	1	24	Parthenium Celebration

Participation in HRD Programmes organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Dr. S.K. Verma	SS&H	02	Annual Review of Workshop 30-31.07.23 , AAP 2024
Mahasamund	Er. Ravish Keshri	SMS, SWE	01	Drone Pilot Training
	Total		**03**	

Name of KVK	Total Number of staff Attended HRD Programme organized by ATARI (nos)	Total Number of Programme attended (Nos)
Mahasamund	**02**	**03**

Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Dr. S.K. verma	SS&H	**12(online)**	
Mahasamund	Er. Ravish Keshri	SMS, SWE	01	"Leadership and Managerial Skill for Professional Excellence"
Mahasamund	Er. Ravish Keshri	SMS, SWE	01	Drone Pilot Training
Mahasamund	Sh. Kunal Chandrakar	SMS (Soil Science)	1	Communication and Managerial Skill by EEI , Anand, (GJ)

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Mahasamund	03	15

Participation in HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Duration (days)	Type of HRD activities (Refresher course/CAFT/Summer winter school/short course)

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)

Information for TSP Jan-Dec 2023

Sl. No.	Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
	No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On-farm trials	Frontline demos	Mobile agro-advisory to farmers						

39. Information for SCSP Jan-Dec 2023

Sl. No.	Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
	No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On-farm trials	Frontline demos	Mobile agro-advisory to farmers						

40. Information for KSHAMTA Jan-Dec 2023

Sl. No.	State	Name of KVK	Number of	No. of Activities	No. of farmers

			Adopted Villages			benefited	
				Demo	Training	Demo	Training

Activities in Nutri-Smart Village during Jan-Dec 2023

Information about Nutri-Smart Village

Name of KVK	Block	Name of Nutri Smart Village

1. Technologies Assessed (OFT) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
	Nutritional Garden (activity in no. of Unit) **(m^2)**				
	Bio-fortified Crops (activity in no. of Unit) **(ha)**				
	Value addition (activity in no. of Unit/Enterprise)				
	Other Enterprises (activity in no. of Unit/Enterprise)				
	Income generation (activity in no. of Unit/Enterprise)				
	Drudgery reduction (activity in no. of Unit/ Enterprise)				

2. Technologies Demonstrated (FLD) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
	Nutritional Garden (activity in no. of Unit) **(m^2)**				
	Bio-fortified Crops (activity in no. of Unit) **(ha)**				
	Value addition (activity in no. of Unit/Enterprise)				
	Other Enterprises (activity in no. of Unit/Enterprise)				
	Income generation (activity in no. of Unit/Enterprise)				
	Drudgery reduction (activity in no. of Unit/Enterprise)				

3. Training Programme conducted in Nutri Smart Village

Name of KVK	Training Title	No. of Courses	Duration (Days)	Gen		SC		ST		Other		Total
				M	F	M	F	M	F	M	F	

4. Extension Activities in Nutri Smart Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	

LINKAGES
Functional linkage with different organizations

Name of organization	Nature of linkage
Dena Bank	To form the SHG and for Providing facilities of loan to the farmers.
NABARD	Providing fund & Subsidy for economically weak farmers. Providing technical support for organic farming and preparation of biopesticides.
State Agriculture Department	Participation in farmers training Programme. Providing subsidy to adopted farmers of the KVK on inputs & equipments Collaboration for organization of Kisan Mela, Field Day, Exhibition, Joint implementation for different programmes ofATMA
State Deptt. of Horticulture	❖ Participation in training programme ❖ Synergy for different government schemes ❖ Provide planting materials
State Deptt. of Veterinary Science,	Training, Visit and arranging jointFeed and fodder production programme and provide the facility of AI and vaccination
C.G. Rajya Krishi Eyam Beej Vikas Nigam Ltd.	To take seed production programme at KVK Farm as well as farmer's field.
IFFCO	Training demonstration and co-operative Sangosthi
State Fisheries Department,	Trainings & demonstration
Zila panchayat	Financial contribution received for infrastructural development viz. Orchard establishment, vegetable nursery, lac cultivation, vermin composed unit, NADEP unit, fish production
IPL & RCF	Training demonstration and Co-Operative Sangosthi
NHB, Gurgoan	Farmer training on Improved horticulture technology to Sansad Adarsh Gram
NFDB Hyderabad	Skill development training on Fish production & management
MGNREGA	Construction of Community ponds,

Details of linkage with ATMA / NFSM
a**) Is ATMA implemented in your district** Yes/No

Name of Programme	Nature of linkage

Give details of programmers implemented under National Horticultural Mission

Name of Programme	Nature of linkage

Flagship programmes implemented at KVK
(NICRA, ARYA, Natural farming, CBBO, Seed Hub, Agri Drone etc)

Name of Flagship programmes: NICRA

Month	Activity details	Beneficiaries/Area/Coverage
February	Finger millet (Ragi) Cultivation on the Occasion of International Millet Year 2023	**3**
February	Tomato Seedling treatment with Carbendazium	3
May	Training cum Awareness Programme on Rainwater Harvesting	25
June	Environment Day Celebration	37
June	Establishment of backyard Quail unit	10
July	Establishment of Azolla unit	5
July	Line sowing of Paddy using Paddy transplanter	5
August	Demonstration of Nano urea spray on paddy crop	2 ha
September	Cultivation of Pigeon pea on bunds of Fish pond	0.4 ha
October	Cultivation of Wheat by Zero tillage	2 ha
November	Establishment of Poultry (Kadaknath) unit	05
November	Sprinkler irrigation in mustard crop	0.5 ha
November	Introduction of Wheat variety named C.G.Hansa	1 ha
November	Line sowing of Maize	1 ha
November	Line sowing of Mustard	2 ha
December	Supplementation of Chelated mineral mixture for enhancing productivity	5

Field activities

Name of villages identified for adoption with block name:

S.No.	Name of Village	Name of Block	Distance of village from KVK (Km)
1	Paraswani	Mahasamund	12

1. No. of farm families selected per village : 149
2. No. of survey/PRA to be conducted: 01

Crop Cafeteria

Total Area of Crop cafeteria: 1800 Sq m

Crop	Season	Variety	Particulars /details	Area (Sq m)
Maize	Kharif	NK-30	Fodder	200
Bhindi	Kharif	VNR-Deepika	Vegetable	200
Cow-pea	Kharif	Kashi Kanchan	Vegetable	200
Turmeric	Kharif	Salem	Spices	200
Turmeric	Kharif	Roma	Spices	200
Ginger	Kharif	Suprabha	Spices	200
Black Gram	Kharif	Pratap	Pulses	200
Wheat	Rabi	CG1023 (C.G. Hansa)	Cereal	100
Wheat	Rabi	CG1029 (Kanishka)	Cereal	100
Wheat	Rabi	CG1040	Cereal	100
Wheat	Rabi	CG1044	Cereal	100
Wheat	Rabi	CG03	Cereal	100
Wheat	Rabi	CG1036(Vidha)	Cereal	100
Coriander	Rabi	CG Shri chandrahasini	Spices	200
Cauliflower	Rabi	Maghichanda-16	Vegetable	200

Chilli	Rabi	VNR Unnati60-13	Vegetable	200
Tomato	Rabi	Satabdi S-6601	Vegetable	200
Brinjal	Rabi	VNR-212	Vegetable	200
Lathyrus	Rabi	Pratik	Vegetable	100
Mustard	Rabi	DRMR-150-35	Oilseed	100

Details of Demonstration Unit at KVK

Demonstration Unit	Particulars /details	Area (Sq m)	Output /Production
Quail Unit	Japanese Quail	369	100000chick
Dairy Unit	Cow- Gir (6 Milking, 2 Male, 12 Heifer)	213	5475 lit
Duck cum Fish Unit	Duck- White pekin + Khaki Cambell, Fish- Rohu +Katla + Mrigal	2000	100 duckling + 200kg fish
Vermicompost Unit	28 nos.Vermicompost tank	545	546 qt. Vermicompost
Azola Unit	Azola Pinata , 40 nos. tank	286	3.6 t per year
Hydroponics Fodder Unit	Green Fodder production round the year	5	9qt green fodder
Posan Badi Unit	Fruits & Vegetable availability for a family round the year	200	2-5 kg per day

Success stories/Case studies identified for development as a case: ……..(no.)

Success stories/Case studies – (best two only in the following format in separate file attached)

Name of the KVK	
TITLE	
Introduction	
KVK intervention	
Output	
Outcome	
Impact	
Photographs (2-3 Photographs with caption in .jpeg format)	

Indicate the specific training need analysis tools/methodology followed for(Viz PRA, AES, line dept, ex trainees, interface,)

S.	Training	Need analysis tools/methodology followed

No.		
1	Identification of courses for farmers/farm women	
2	Rural Youth	
3	In-service personnel	
4	methodology for identifying OFTs/FLDs	
5	Matrix ranking	

Field activities

Name of villages identified for adoption with block name:

S.No.	Name of Village	Name of Block	Distance of village from KVK (Km)
1			
2			
3			
4			
5			
6			
7			
8			

3. No. of farm families selected per village :
4. No. of survey/PRA to be conducted:

Well labeled Photographs in .jpeg format with high resolution (300 dpi)of each activity of the KVK. (Separately) (pl don't paste photo in word file)