KRISHI VIGYAN KENDRA, DUMKA

(BIRSA AGRICULTURAL UNIVERSITY)

At: Khutabandh, PO: Dumka – 814 101

E-mail: dumkakvk@gmail.com

ACTION PLAN

(1st January 2026 to 31 December, 2026)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and Address of KVK	Telephone		E mail	Website
Krishi Vigyan Kendra, Khuta Bhand, Dumka, Jharkhand 814101	Office 9430112886	FAX	dumkakvk@gmail.com	www.dumka.kvk4.in

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

Address	Telephone		E mail	Website
	Office	FAX		
Birsa Agricultural University, Kanke, Ranchi-06	0651-2450500	0651-2450850	vc@bauranchi.org	www.bauranchi.org

1.2b. Status of KVK website: RunningDate when the website last updated: 07/05/2026

1.2c. No. of Visitors (Hits) to your KVK website (as on today): 170216

1.2d. Status of ICT lab at your KVK:

a) No. of PC units: 8

b) No. of Printers: 8

c) Internet connection: Yes

1.3. Name of the Senior Scientist & Head with phone & mobile no.

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Amrit Kumar Jha	9430112886	9430112886	akjhabau@protonmail.com

1.4. Year of sanction: 2004

1.5. Staff Position (as on 1st January, 2026)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)
1	Senior Scientist and Head	Vacant	-	-	-	-	-
2	Subject Matter Specialist	Dr. Amrit Kumar Jha	Scientist	Soil Science	Level 12R	Rs. 8,000/-	Rs. 1,24,200/-
3	Subject Matter Specialist	Dr. Birendra Kumar Mehta	Scientist	Agril. Engg.	Level 12R	Rs. 8,000/-	Rs. 1,24,200/-
4	Subject Matter Specialist	Sri Bhushan Prasad Singh	Scientist	Agronomy	Level 12R	Rs. 8,000/-	Rs. 1,24,200/-
5	SMS	Vacant	-	-	-	-	-
6	SMS	Vacant	-	-	-	-	-
7	SMS	Vacant	-	-	-	-	-
8	SMS	Vacant	-	-	-	-	-
9	Farm Manager	Vacant	-	-	-	-	-
10	Computer Programmer	Vacant	-	-	-	-	-
11	Assistant	Sri Bivav Raj	Assistant	Assistant	Level 6		Rs. 35,400
12	Stenographer	Vacant	-	-	-	-	-
13	Driver	Vacant	-	-	-	-	-
14	Driver	Vacant	-	-	-	-	-
15	Supporting staff	Vacant	-	-	-	-	-
16	Supporting staff	Vacant	-	-	-	-	-

Sl. No.	Name of the incumbent	Date of joining	Permanent / Temporary	Category	Mobile No.	Email id	Please attach recent photograph
1	Vacant	-	-	-			
2	Dr. A.K. Jha	19-07-2004	Permanent	Others	9430112886	akjhabau@protonmail.com	
3	Dr. B.K. Mehta	20-07-2004	Permanent	Others	9431619575	bkmehtactae@gmail.com	
4	Mr. Bhushan Prasad Singh	05-11-2004	Permanent	Other	9431595260	bhushanbbau@gmail.com	
5	Vacant	-	-	-	-	-	
6	Vacant	-	-	-	-	-	
7	Vacant	-	-	-	-	-	

8	Vacant	-	-	-	-	-	
9	Vacant	-	-	-	-	-	
10	Vacant	-	-	-	-	-	
11	Sri Bivaw Raj	30-06-2025	Permanent	Other	9801560990	bivawkvk@gmail.com	
12	Vacant	-	-	-	-	-	
13	Vacant	-	-	-	-	-	
14	Vacant	-	-	-	-	-	
15	Vacant	-	-	-	-	-	
16	Vacant	-	-	-	-	-	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.5ha
2.	Under Demonstration Units	0.5ha
3.	Under Crops	7.0ha
4.	Horticulture	1.0ha
5.	Pond	1.0ha
6.	Others if any	2.0ha

1.7. Infrastructural Development:

A) Buildings

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

	Other								
9	Vermicompost								Complete
10	Azolla								Complete
11	BGA								Complete

B) Vehicles

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms run as on Dec, 2024	Present status
Tata Sumo/Bolero	2025	ICAR	1030000	13375	Running Condition
Tractor	NIL				Not Provided to KVK
Two-wheeler Hero Glamor	2016	ICAR	56193	23460	Running Condition
Two-wheeler Honda Dream Yuga	2016	ICAR	58000	39505	Running Condition

C) Equipment's & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Generator 8hp	2010	150000	Running
Whirlpool Refrigerator 250 liter	2006	17800	Non-Functional
True Power 5KVA Stabilizer	2006	6600	Non-Functional
Micro Tek Invertor	2006	8500	Non-Functional
Kirloskar 8hp generator	2006	38000	Non-Functional
Spectrophotometer	2006	59500	Non-Functional
Ph Meter	2006	9500	Non-Functional
Conductivity Meter	2006	12000	Non-Functional
Flame Photometer	2006	57585	Non-Functional
Eco.Still D20	2006	26500	Non-Functional
RS 1818 Rotary Shaker	2006	24900	Non-Functional
Hot Plate	2006	4800	Non-Functional
Hot Air Oven	2006	10900	Non-Functional
High Speed Soil Strirrer	2006	14900	Non-Functional
Water Bath	2006	18900	Non-Functional
Mini Quartz	2006	48000	Non-Functional
Single Pan	2006	13500	Non-Functional
HB Micro Scope	2006	9690	Non-Functional
Computer with Accessory	2006	93600	Functional
Photocopier	2006	97581	Non-Functional
Photocopier	2006	8000	Functional
Fax	2006	8320	Non-Functional
Digital Camera	2006	14512	Non-Functional
Digital Camera	2023	13000	Functional
Codeless Mice System	2012	14425	Functional
LCD Projector	2013	69000	Functional
LCD projection screen, Trolly	2013	20696	Non-Functional

PA System with Mice, Amplifier	2013	24774	Non-Functional
All-in-one PC	2024	70000	Functional
Smart TV	2022	350000	Functional
Xerox Machine	2022	280000	Functional

1.8. A). Details of SAC meetings to be conducted in the year

Sl.No.	Date
1. Scientific Advisory Committee	9th May 2026

Suggestions of SAC meeting

2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

2.1 Micro-farming situations

a) Characteristics

Sl.No.	Agro-Ecological situations (AES)	Existing Farming System (Crop+livestock+others)	Major soil types
1	AES 1	Pigeonpea, Maize, Barbatti, Pig, Goat	Red Laterite
2	AES 2	Rice, Linseed, Chickpea, Pig, Goat	Red laterite
3	AES 3	Rice, Mustard, Lentil, Cattle, Goat	Alluvial
4	AES 4	Rice, Chickpea, lentil, Cattle, Goat	Red Laterite

b) Land Characteristics

Sl.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES 1	Upland	
2.	AES 2	Midland	
3.	AES 3	Midland	
4.	AES 4	Low land	

c) AES-wise major problems

Sl.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES 1	Large area remains fallow during rabi season, High soil erosion, Poor soil fertility and low WHC, Major technological gap in crop management practices	
2.	AES 2	Large area remains fallow during rabi season, Partial soil erosion, Poor soil fertility and low WHC, Major technological gap in crop management practices	
3.	AES 3	Partial area remains fallow during rabi season, Partial soil erosion, Poor soil fertility and low WHC, Underutilization of irrigation resources, Partial technological gap in crop management practices	

4.	AES 4	Large area remains fallow during rabi season, Partial utilization of residual moisture by introducing short duration rabi crops, Major technological gap in crop management practices	

2.2. Area, Production and Productivity of major crops cultivated in the district (2025)

Sl. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)	Yield gap (q/ha) with respect to demo of last year	Yield gap (q/ha) with respect to potential yield
Season-Kharif						
1	Rice	1,03,614	4,04,095	39.00		
2	Maize	15,428	38,570	25.00		
3	Pigeon Pea	2,605	2,605	10.00		
4	Black Gram	468	421	9.00		
Season-Rabi						
1	Wheat	7,954	17,499	22.00		
2	Chickpea	5,464	5,464	10.00		
3	Lentil	1,085	760	7.00		
4	Mustard	12,476	9,357	7.50		

2.3. Weather data (2025-26)

Year	Month	Rainfall (mm)	Temperature ^{0}C		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
2025						
2026						
Total						

2.4 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2025)

Category	Population	Production	Productivity	Productivity gap
Cattle				
	742018			
Buffalo	47891			
Sheep	28614			
Goats	398398			
Cattle	742018			
Crossbred				
Indigenous				
Pigs	127717			

Poultry				
Hens				
Desi				
Category		**Production (q)**	**Productivity**	
Fish (Reservoir)				

*Statical report

2.5 Details of Operational area / Villages

Name of sub-division	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Dumka	Ramgarh	Jiyapani	Pigeonpea, Blackgram, Mustard	Low yield	INM
		Jagatpur	Pigeonpea, Blackgram, Mustard	Low yield	INM, IPM
		Koaam	Pigeonpea, Blackgram, Mustard	Low yield	INM
		Pindari	Pigeonpea, Blackgram, Mustard	Low yield	ICM
	Jarmundi	Lagwa	Pigeonpea, Blackgram, Mustard	Low yield	IPM
		Petsar	Pigeonpea, Blackgram, Mustard	Low yield	INM
	Shikaripara	Dudhichuwa	Pigeonpea, Blackgram, Mustard	Low yield	INM, IPM
		Langopahari	Pigeonpea, Blackgram, Mustard	Low yield	INM
	Kathikund	Rampur	Pigeonpea, Blackgram, Mustard	Low yield	INM
		Kadma	Pigeonpea, Blackgram, Mustard	Low yield	INM

2.6 Top five major priority thrust areas:

I. Participatory seed production through seed villages

ii.Integrated nutrient and pest management in major crops

iii.Increasing cropping intensity through converting rice fallow under cultivation

iv.Increasing productivity of major acidic soil

v.Promotion of organic and natural farming

3. TECHNICAL PROGRAMME

3 A. Details of targeted mandatory activities by KVK

OFT		FLD		
(1)		(2)		
Number of OFTs	Number of Farmers	Area (ha)	No of enterprises	Number of Farmers
5	46	15	Rice, Wheat, Ragi	75

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
46	1150	70	4330

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
200q	1,00,000	-	1,000

3 B. Abstract of interventions to be undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1									
2									

3.1 Technologies to be assessed

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation										
Seed / Plant production										
Weed Management	1									1
Integrated Crop Management	1									1
Integrated Nutrient Management	1	1								2
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries	1									1
Value addition										
Integrated Pest Management										
Integrated Disease Management										
TOTAL	**4**	**1**								**5**

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Vermi culture	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL								

B. Details of all On Farm Trial in the given format

OFT 1	
Crop	Rice
Season	Kharif
Main problem	Low yield of rice
Main cause	Improper nutrient management
Title of OFT	Assessment of water soluble and nano fertilizer on yield of rice
Farming situation	Red Laterite soil, low land, rainfed, previous crop- wheat
Thematic area	Nutrient management
Farmer practice	T-1: Farmer's practice: application of NPK@65-35-22 kg/ha
Technology option selected for assessment	T-2: RDF (NPK @ 120-60-40 kg/ha) T-3: 50%RDF+ Two spray water soluble NPK (19-19-19) @ 4g/lit at 30 and 45 days after transplantation T-4: 50% RDF+ Two spray of Nano Urea and Nano DAP @4ml/lit at 30 and 45 days after transplantation
Source of technology	Birsa Agricultural University, Ranchi and CSAUAT, Kanpur
No of trial	6
Detail of critical input	Water soluble NPK, Nano Urea and Nano DAP
Cost of individual critical input	833
Total cost of critical input	5,000
Performance indicator to be recorded	(i) Technical indicator- No. of effective tillers, Grain per panicle, Test weight, Yield(q/ha) (ii) Economic indicator- Cost of cultivation, Gross returns, Net return, B:C ratio iii) Farmer perception-

OFT 2	
Crop	Mustard
Season	Rabi
Main problem	Low yield of mustard
Main cause	Improper nutrient management
Title of OFT	Assessment of sulphur and boron nutrition on yield of mustard
Farming situation	Red Laterite soil, medium land, Irrigated, previous crop-Rice
Thematic area	Nutrient management
Farmer practice	T-1: Farmer's practice: Application of NPK @ 50-35-22 kg/ha
Technology option selected for assessment	T-2: Application of NPK @80-40-40-20 kg/ha (RDF) T-3: RDF+ Two foliar spray of Boron @0.2% at 30 and 45 DAS
Source of technology	Birsa Agricultural University, Ranchi
No of trial	10
Detail of critical input	Sulphur and Boron
Cost of individual critical input	500
Total cost of critical input	5,000
Performance indicator to be recorded	(i)Technical indicator- No. of primary and secondary branches per plant, No. siliquae per plant, seeds per siliqua, Test weight, Yield (q/ha) (ii)Economic indicator -Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception
OFT 3	
Crop	Rice
Season	Kharif
Main problem	Low profitability
Main cause	Labour intensive conventional transplanting of rice, increase the cost of production
Title of OFT	Assessment of suitable rice establishment methods to increase the profitability
Farming situation	Red laterite soil, medium land, rainfed, season-kharif, previous crop-fallow
Thematic area	Crop production
Farmer practice	T1- Transplanted Rice
Technology option selected for	T2- Wet DSR T3- Dry DSR

assessment	
Source of technology	Birsa Agricultural University, Ranchi
No of trial	10
Detail of critical input	Nil
Cost of individual critical input	0
Total cost of critical input	0
Performance indicator to be recorded	(i)Technical indicator -Yield attributing character and Yield (Q/ha) (ii)Economic indicator -Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception
OFT 4	
Crop	Mustard
Season	Rabi
Main problem	Low yield of mustard
Main cause	Weed infestation responsible for low yield of mustard
Title of OFT	Assessment of Pre and Post emergence herbicide on yield of mustard
Farming situation	Red laterite soil, medium land, irrigation -2, season-rabi, previous crop-rice
Thematic area	Nutrient management
Farmer practice	T1- No weeding
Technology option selected for assessment	T2- 2 hand weeding (20 and 40 DAS) T3- Pre-emergence Pendimethalin @ 1 kg/ha + Post-emergence Quizalofop-ethyl @ 50 kg/ha (25 DAS)
Source of technology	Birsa Agricultural University, Ranchi
No of trial	10
Detail of critical input	Herbicides
Cost of individual critical input	250
Total cost of critical input	2,500
Performance indicator to be recorded	(i)Technical indicator -Yield attributing character and Yield (Q/ha) (ii)Economic indicator -Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception
OFT 5	
Crop	Rice

Season	Kharif
Main problem	Low yield of rice
Main cause	Delayed transplanting due to unavailability of labour
Title of OFT	Assessment of transplanting/sowing equipment in rice cultivation for small and medium farmers of Dumka
Farming situation	Red Laterite Soil, Medium land, Rainfed, Previous crop – mustard
Thematic area	Farm Mechanization
Farmer practice	T1- Puddling + Transplanting (manually)
Technology option selected for assessment	T2- Puddling +Use of drum seeder T3- Puddling + Use of manual transplanter
Source of technology	CIAE, Bhopal
No of trial	10
Detail of critical input	Drum seeder and manual transplanter
Cost of individual critical input	1800
Total cost of critical input	18,000
Performance indicator to be recorded	(i)Technical indicator -Yield attributing character and Yield (Q/ha) (ii)Economic indicator -Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception

3.2 Frontline Demonstrations

A. Details of FLDs to be organized –

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified (Yield related attributes, yield economics and farmers' perception
1	Rice	ICM	Variety – CR Dhan 320, Seed rate – 40 kg/ha, NPK@ 80:40:30 kg/ha	Seed (CR Dhan 320)	Kharif 2025	5	25	Plant population, plant height, no of effective tillers, yield, B:C ratio
2	Ragi	ICM	Variety – Birsa Madua 3, Seed rate – 8 kg/ha, NPK@ 40:30:20 kg/ha	Seed (BM 3)	Kharif 2025	5	25	Plant population, plant height, no of effective tillers, yield, B:C ratio
3	Wheat	ICM	Variety – Birsa Gehun 3, Seed rate– 100 kg/ha, NPK@ 100:60:40 kg/ha	Seed (Birsa Gehun 4)	Rabi 2025-26	5	25	Plant population, plant height, no of effective tillers, yield, B:C ratio

				Total		**15**	**75**	

Sponsored Demonstration: Nil

Crop	Area (ha)	No. of farmers

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Farmers Training	3	June, July and October 2025	75
2	Field days	3	August, Sept and Dec 2025	240
3	Media coverage	6		
4	Training for extension functionaries	1	August	25

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / Indicators
Zero till seed cum fertilizer drill	Wheat	Rabi 2025-26	25	10	0	Plant population, plant height, no of effective tillers, yield, B:C ratio

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / Indicators
Pig	Jharsuk	10	20	One month old piglet (1+1)	Growth parameters
Poultry	Jharsim	20	500	One month old chick (20+5)	

Details of all FLD in the given format

Title of FLD	Demonstration on moderate drought tolerance variety of rice
Season & Year	Kharif 2026
Main Problem	Low yield due to erratic rainfall

Main cause of problem	Late onset of monsoon and long dry spell
Full detail of farmer's Practice	Variety- Lalat, Seed rate 50 kg/ha, NPK @ 45:23:0 kg/ha
Name of the Technology	Varietal
Full detail of technology to be demonstrated	Variety- CR Dhan 320, Seed rate- 40 kg/ha, NPK @ 80:40:30 kg/ha
Thematic area	ICM
Source of Technology with year	ICAR-National Rice Research Institute, Cuttack, Year-2021
Name of villages	Langopahari, Dudhichuwa, Telbula
Farming situation	Rainfed
Area (ha)/Unit (No.)	5.0 ha
Performance indicator	I. Technical indicator- No. of Plant/m^2, Plant height (cm), No. of effective tiller/m^2 Yield(q/ha) II. Economic indicator cost of cultivation, Gross return, Net return, B:C ratio) III. Farmer Feedback-

Title of FLD	Demonstration on improved variety of ragi
Season & Year	Kharif 2026
Main Problem	Low yield
Main cause of problem	Local variety
Full detail of farmer's Practice	Local variety, Seed rate – 15 kg/ha, Broadcasting, NPK @ 20:20:0 kg/ha
Name of the Technology	Varietal
Full detail of technology to be demonstrated	Variety – Birsa Madua 3, Seed rate – 8 kg/ha, Line sowing (30x10 cm), NPK @ 40:30:20 kg/ha
Thematic area	ICM
Source of Technology with year	Birsa Agricultural University, Ranchi, 2021
Name of villages	Makrachapar, Khairbani, Jangla
Farming situation	Rainfed
Area (ha)/Unit (No.)	5
Performance indicator	I. Technical indicator- No. of Plant/m^2, Plant height (cm), No. of effective tiller/m^2 Yield(q/ha)

	II. Economic indicator cost of cultivation, Gross return, Net return, B:C ratio) III. Farmer Feedback-

Title of FLD	Demonstration on late sown variety of wheat		
Season & Year	Rabi 2026-27		
Main Problem	Low yield of wheat		
Main cause of problem	Late sowing of wheat due to late harvesting of rice in low land area		
Full detail of farmer's Practice	UP 262, Seed rate – 125 kg/ha, Broadcasting, NPK @ 83:36:0 kg/ha		
Name of the Technology	Varietal		
Full detail of technology to be demonstrated	Birsa Gehun 4, Seed rate – 100 kg/ha, Line sowing (18 cm row to row), NPK @ 100:60:40 kg/ha		
Thematic area	ICM		
Source of Technology with year	Birsa Agricultural University, Ranchi, 2021		
Name of villages	Jiyapani, Jagatpur, Karudiha, Pindari		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	5		
Performance indicator	I. Technical indicator- No. of Plant/m^2, Plant height (cm), No. of effective tiller/m^2 Yield(q/ha) II. Economic indicator cost of cultivation, Gross return, Net return, B:C ratio) III. Farmer Feedback-		

Title of FLD	Promotion of scientific production of oyster mushroom
Season & Year	Rabi 2025-26
Main Problem	Nutritional insecurity
Main cause of problem	Higher prevalence of malnutrition
Full detail of farmer's Practice	Mushroom production at lower scale
Name of the Technology	Oyster mushroom cultivation
Full detail of technology to be demonstrated	Fresh Spawn, Fungicides, PP Bag, Formaline
Thematic area	Nutritional Security

Source of Technology with year	Birsa Agricultural University, Ranchi, 2021		
Name of villages	Chilara, Khojwa, Mandaldih, Kesiyabahal, Baskichak		
Area (ha)/ Unit(no.)	Unit 50 (15 bundles to each unit)		
Number of farm women	50		
Performance indicator	Production (kg), B:C ratio		

3.3 Training (Including the sponsored and FLD training programmes): **Note: 25 participants per training**

A) ON Campus

Thematic Area	Name of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		M	F	T	M	F	T	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Site specific nutrient management								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs								
Natural farming								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								

Off-season vegetables								
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
Natural farming								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								

e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management								
Poultry Management								

Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								

Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								

IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs/FPOs etc								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								

Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL								
(B) RURAL YOUTH								
Mushroom Production	2	9	13	22	15	13	28	50
Bee-keeping	2	12	14	26	13	11	24	50
Integrated farming								
Seed production	1	6	7	13	8	4	12	25
Production of organic inputs								
Integrated Farming (Medicinal)								
Planting material production								
Vermi-culture	2	9	12	21	15	14	29	50
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition	1	5	6	11	9	5	14	25
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								

Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	**8**	**41**	**52**	**93**	**59**	**47**	**107**	**200**
(C) Extension Personnel								
Productivity enhancementin field crops	2	14	9	23	14	13	27	50
Integrated Pest Management	2	15	9	24	15	11	26	50
Integrated Nutrient management	2	11	8	19	14	17	31	50
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization	2	11	17	28	16	6	22	50
Information networking among farmers								
Capacity building for ICT application	2	9	6	17	18	15	33	50

Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security	2	13	8	21	17	12	29	50
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
TOTAL	**12**	**73**	**57**	**132**	**94**	**74**	**168**	**300**
G. Total	**12**	**73**	**57**	**132**	**94**	**74**	**168**	**300**

B) OFF Campus **Note: 25 participants per training**

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	5	7	12	6	7	13	25
Resource Conservation Technologies	1	6	7	13	8	4	12	25
Cropping Systems	1	5	5	10	11	4	15	25
Crop Diversification	1	8	3	11	7	7	14	25
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management	4	32	16	48	23	29	52	100
Fodder production	2	10	11	21	13	16	29	50

Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								

Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management	8	38	34	72	76	52	128	200
Production and use of organic inputs								
Management of Problematic soils	1	6	5	11	9	5	14	25
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	1	5	8	13	7	5	12	25
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management /goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								

Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	1	6	5	11	7	7	14	25
Use of Plastics in farming practices								
Production of small tools and implements	2	12	8	20	12	18	30	50
Repair and maintenance of farm machinery and implements	2	10	12	22	12	16	28	50
Small scale processing and value addition								
Post Harvest Technology	1	6	7	13	8	4	12	25
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								

Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production (Horti.)								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)								
Organic manures production (A.S.)								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs(HS)								
Mobilization of social capital								
Entrepreneurial development of farmers/youths (Agro)								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL	**26**	**149**	**128**	**277**	**199**	**174**	**373**	**650**

C) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	5	7	121	6	7	13	25
Resource Conservation Technologies	1	6	8	14	8	3	11	25
Cropping Systems	1	6	9	15	11	4	15	25
Crop Diversification	1	8	3	11	7	7	14	25
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management	4	41	57	98	62	40	102	200
Fodder production	2	10	11	21	13	16	29	50
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								

Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
(B) RURAL YOUTH								
Mushroom Production	2	9	13	22	15	13	28	50
Bee-keeping	2	12	14	26	13	11	24	50
Integrated farming								
Seed production	1	6	7	13	8	4	12	25
Production of organic inputs								
Planting material production								
Vermi-culture								
Sericulture	2	9	12	21	15	14	29	50
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition								
Production of quality animal products	1	5	6	11	9	5	14	25
Dairying	2	9	13	22	15	13	28	50
Sheep and goat rearing	2	12	14	26	13	11	24	50
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								

Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	**22**							
(C) Extension Personnel								
Productivity enhancement in field crops	2	14	9	23	14	13	27	50
Integrated Pest Management	2	15	9	24	15	11	26	50
Integrated Nutrient management	2	11	8	19	14	17	31	50
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization	2	11	17	28	16	6	22	50
Information networking among farmers								
Capacity building for ICT application	2	9	6	17	18	15	33	50
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security	2	13	8	21	17	12	29	50
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
TOTAL	**12**	**73**	**57**	**132**	**94**	**74**	**168**	**300**
G. Total								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								

Integrated Nutrient Management	8	38	34	72	76	52	128	200
Production and use of organic inputs								
Management of Problematic soils	1	6	5	11	9	5	14	25
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	1	4	8	12	7	5	13	25
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	1	6	5	11	7	7	14	25
Use of Plastics in farming practices								
Production of small tools and implements	2	12	8	20	12	18	30	50
Repair and maintenance of farm machinery and implements	2	10	12	22	12	16	28	50

Small scale processing and value addition								
Post Harvest Technology	1	6	7	13	8	4	12	25
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								

Formation and Management of SHGs								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
Sponsored training								
TOTAL								
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								

Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	**26**	**149**	**128**	**277**	**199**	**174**	**373**	**650**
(C) Extension Personnel								
Productivity enhancement in field crops	2	14	9	23	14	13	27	50
Integrated Pest Management	2	15	9	24	15	11	26	50
Integrated Nutrient management	2	11	8	19	14	17	31	50
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization	2	11	17	28	16	6	22	50
Information networking among farmers								
Capacity building for ICT application	2	9	6	17	18	15	33	50
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security	2	13	8	21	17	12	29	50
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
Total	**12**	**73**	**57**	**132**	**94**	**74**	**168**	**300**
G. TOTAL	**38**	**231**	**232**	**463**	**322**	**259**	**581**	**950**

Details of training programmes attached in **Annexure -I**

3.4. 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	20	310	240	550	25	25	50	335	265	600
Kisan Mela	1	550	400	950	25	25	50	575	425	1000
Kisan Ghosthi	12	430	270	700	10	10	20	440	280	720
Exhibition	2	160	120	280	10	10	20	170	130	300
Film Show	5	210	75	285	10	5	15	220	80	300
Farmers Seminar	2	325	175	500	10	10	20	335	185	520
Workshop	1	150	50	200	5	5	10	155	55	210
Group meetings	9	325	175	500	10	10	20	335	185	520
Lectures delivered as resource persons	50	-	-	-	-	-	-	-	-	-
Newspaper coverage	50	-	-	-	-	-	-	-	-	-
Radio talks	6	-	-	-	-	-	-	-	-	-
TV talks	6	-	-	-	-	-	-	-	-	-
Popular articles	3	-	-	-	-	-	-	-	-	-
Extension Literature	6	-	-	-	-	-	-	-	-	-
Advisory Services										
Scientific visit to farmers field	36	380	320	700	10	10	20	390	330	720
Farmers visit to KVK	1	350	350	700	25	25	50	375	375	750
Diagnostic visits	12	220	110	330	10	10	20	230	120	350
Exposure visits	10	160	120	280	10	10	20	170	130	300
Ex-trainees Sammelan	2	100	80	180	10	10	20	110	90	200
Soil health Camp	2	50	40	90	5	5	10	55	45	100
Animal Health Camp	4	80	35	115	10	5	15	90	40	130
Agri mobile clinic										
Soil test campaigns	2	90	90	180	10	10	20	100	100	200
Farm Science Club Conveners meet										
Self Help Group Conveners	8	80	70	150	5	5	10	85	75	160

meetings										
Mahila Mandals Conveners meetings	2	50	35	85	8	7	15	58	42	100
Kisan Diwas	1	75	55	130	10	10	20	85	65	150
World Soil Day	1	80	50	130	10	10	20	90	60	150
Krishi Mohostva	-	-	-	-	-	-	-	-	-	-
Krishi Rath	-	-	-	-	-	-	-	-	-	-
Pre Kharif workshop	-	-	-	-	-	-	-	-	-	-
Pre Rabi workshop	-	-	-	-	-	-	-	-	-	-
PPVFRA workshop	-	-	-	-	-	-	-	-	-	-
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-
Total	**26**	**4175**	**2860**	**7035**	**218**	**227**	**445**	**4403**	**3077**	**7480**

3.5 Target for Production and supply of Technological products

A) SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qt.)
CEREALS	Rice	CR Dhan 320, IR 64 DRT1, BVS 1	150
OILSEEDS	Mustard	Birsa Bhabha Mustard 1	15
	Linseed	Priyam	10
PULSES	Lentil	IPL 220	10
	Pigeon pea	Birsa Arhar 2	15
VEGETABLES			

OTHERS (Specify)			

B) PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS			
SPICES			
VEGETABLES	Tomato	Swarna Prakash	20000
	Brinjal	Swarna Shyamali	20000
	Chilli	Swana Arohi	20000
	Cauliflower	Kashi Agahani	20000
	Cabbage	Pusa Drumhead	10000
	Broccoli	Pusa Broccoli	10000
FOREST SPECIES			
ORNAMENTAL CROPS			
		Total	**100000**

C) BIO-PRODUCT

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
1.	**Vermicompost**			**5000**

D) LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle				
GOAT				
SHEEP				
POULTRY				
Pig farming				

FISHERIES				

3.6 Literature to be Developed/Published

(A) KVK News Letter

Date of start :

Number of copies to be published :

(B) Literature to be developed/published

S.No.	Topic	Number
1	Research paper each scientist	7
2	Technical reports	4
3	News letters	0
4	Training manual all discipline	15
5	Popular article	4
6	Extension literature	5
	Total	**35**

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette, whatsapp group, mobile app, etc.	Title of the product	Number
1			

3.7. Success stories/Case studies identified for development as a case. -

a. Brief introduction/Background

b. Interventions/process

c. Output

d. Outcomes

e. Impact

i) Social economic

ii) Bio-Physical

f. Good Action Photographs

3.8 Indicate the specific training need analysis tools/methodology followed for Practicing Farmers

a)

b)

c)

Rural Youth

a)

b)

c)

d)

In-service personnel

a)

b)

c)

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT:

i) PRA
ii) Problem identified from Matrix based ranking & analysis
iii) Field level observations
iv) Farmer group discussions
v) Others if any

For FLD:

i) New variety/technology
ii) Poor yield at farmers level
iii) Existing cropping system
iv) Others if any

3.10 Field activities

i. Name of villages identified/adopted with block name (from which year) -
ii. No. of farm families selected per village:
iii. No. of PRA conducted:
iv. No. of technologies taken to the adopted villages
v. Name of the technologies found suitable by the farmers of the adopted villages:
vi. Impact (production, income, employment, area/technological– horizontal/vertical)
vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. Year of establishment :

2. List of equipment's purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1			
2			

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	1000	1000	50	10,000
Water	0	0	0	
Plant	0	0	0	
Total	**1000**	**1000**	**50**	**10,000**

4.0 LINKAGES

4.1 Functional linkage with different organizations/department

Sl.No.	Name of organization	Nature of Linkage	Outcome of linkage
1.	District Horticulture Department, Dumka	Training	
2.	Switch On (NGO)	Training, project planning and dynamic buyer-seller meet	
3.	NABARD	SHG formation, project preparation, training	
4.	PRADAN	Training programme	
5.	TRDP	Training and exposer visit	
6.	A.N. College	Student internship and research	
7	MANAVI (NGO)	Collaboration training programmes and capacity building programme	
8	Santhal Pargana College	Student internship and research	

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

S. No.	Programme	Nature of linkage	Outcome of linkage
1	Farmer's scientist interaction	Funding and organizing the iteration programme	
2	Farmer's Training	Funding of training programme	
3	Joint visit	Dignostic services	

5. Utilization of Hostel facilities

S. No.	Programme	No. of days
1	Training	120
2		
	Total	

6. Partnership with departments for technology out scaling (proposed):

Signature of Senior Scientist & Head