



Action Plan

2025-26



KRISHI VIGYAN KENDRA

MAYURBHANJ-II

**ODISHA UNIVERSITY OF AGRICULTURE AND
TECHNOLOGY, BHUBANESWAR-751003**

1. Name of the KVK : Mayurbhanj – II, Jashipur
 2. Name of host organization : Orissa University of Agriculture & Technology, Bhubaneswar

Training programmes to be organized (April 2025 to March 2026)

a) Farmers and Farm women

Thematic Area	Title	No of training	Duration (days)	On / Off campus	No of participants					
					SC	ST	Others	M	F	Total *
I.Agronomy										
INM	Training on Nitrogen management by LCC in Rice	1	1	Off	08	12	10	19	11	30
INM	Training on integrated nutrient management in Finger millet	1	1	Off	05	16	09	16	14	30
ICM	Training on climate resilient agriculture for enhancing productivity	1	1	Off	07	15	08	17	13	30
INM	Integrated Nutrient Management in Sunflower	1	1	Off	09	14	07	11	19	30
ICM	Training on Contingent crop management during untimely rainfall in Rice in kharif season.	1	1	Off	07	14	09	15	15	30
Ecosystem protection	Training on adverse effect of residue burning and alternative way of rice residue management	1	1	Off	08	12	10	19	11	30
WM	Training on types of nozzle, sprayer and spraying techniques of herbicides in Rice	1	1	Off	05	16	09	16	14	30
ICM	Training on ICM in linseed	1	1	Off	07	15	08	17	13	30
ICM	Training on ICM in scented rice for higher yield in maize	1	1	Off	09	14	07	11	19	30
Soil testing	Training on methods of Soil sample collection, processing of soil sample	1	1	Off	07	14	09	15	15	30

	and testing of different nutrient by Mridaparikshyak									
IFS	IFS for maximum utilization of on farm resources and enhancing arm productivity	1	1	Off	08	12	10	19	11	30
II. Agriculture Extension										
Capacity Building and Group Dynamics	Farm record management for Sustainable economics	01	01	Off	3	10	17	30	00	30
	Capacity building in strengthening farmer group	01	01	Off	10	14	16	30	0	30
	Seed treatment and its benefits	01	01	Off	6	16	8	30	0	30
	Effective crop production through Seasonal calendar	01	01	Off	3	15	12	25	5	30
Market led Extension	Use of blackboard technology for effective extension	01	01	Off	10	14	16	30	0	30
	Management of vegetable seedlings and its marketing	01	01	Off	3	15	12	25	5	30
Extension Methodologies	Marketing of maize through mass extension method	01	01	Off	4	22	4	26	4	30
III. Horticulture										
Horticulture – Vegetable Crop	Cultivation of tomato under natural farming	01	01	Off	09	11	10	21	09	30
Fruit Production	Cultivation practices of Dragon fruits	01	01	Off	06	10	14	18	12	30
	Pre and Post harvest management in mango.									
Vegetable crop	Package of practices of pumpkin cultivation.	01	01	Off	11	09	10	22	08	30
	Organic cultivation method of Chilli.	01	01	Off	08	09	13	15	15	30

	Package of practices of Watermelon cultivation.	01	01	Off	07	08	15	19	11	30
	Package of practices of brinjal cultivation.	01	01	Off	05	14	11	16	14	30
	Package of practices of Cole crop.	01	01	Off	10	11	09	11	19	30

IV. Plant Protection

Integrated disease management	Integrated management of wilt complex of brinjal	01	01	Off	3	15	12	25	5	30
	Suitable IPM module for YVMV in black gram and green gram	01	01	Off	11	13	6	24	6	30
	Integrated management of neck blast in paddy	01	01	Off	12	15	3	22	8	30
Integrated pest management	Yellow Stem Borer management in paddy	01	01	Off	4	14	12	18	12	30
	BPH/ WBPH management in paddy	01	01	Off	6	15	9	20	10	30
	IPM module for pod borer complex of Pigeon pea	01	01	Off	9	16	5	11	19	30
	Management of aphid in cabbage	01	01	Off	3	15	12	15	15	30
	Sucking pest management in chilli	01	01	Off	10	12	8	22	8	30

V. Agriculture Engineering

Farm mechanization	Mechanized DSR and its suitability	01	01	Off	00	25	05	20	10	30
	Mechanized maize cultivation	01	01	Off	05	20	05	19	11	30
	Engineering intervention in millet cultivation	01	01	Off	02	16	12	20	10	30
	Horticultural tools and implements for orchard management	01	01	Off	03	19	08	24	06	30
Soil & Water conservation	Irrigation scheduling and water conservation in mustard crops	01	01	Off	02	24	02	22	08	30
	Drip & sprinkler irrigation	01	01	Off	05	20	05	17	13	30

VI. Women in Agriculture

Poultry	Rearing improved poultry breed (Variety- Aseel) in back yard condition	01	01	Off	09	15	06	00	30	30
Duckling	Rearing improved Duckling breed (Variety- Khaki Campbell & DK) in back yard pond	01	01	off	00	30	00	00	30	30
Mushroom cultivation	Cultivation practices of paddy straw mushroom by Semi composting method.	01	01	Off	00	30	00	00	30	30
Drudgery Reduction	Use of different farm implement for Drudgery reduction.	01	01	Off	09	11	10	00	30	30
Nutritional security	Layout of Improving food nutrition security through homestead gardening	01	01	Off	00	30	00	00	30	30
	Preparation of millet bar by using different type of millet.	01	01	Off	30	00	00	00	30	30
Value addition	Preparation and preservation value addition from Oyster mushroom.	01	01	Off	07	18	05	00	30	30
	Preparation of value-added product from fruits vegetables	01	01	Off	00	30	00	00	30	30
	Preparation of dehydrated product from cereals and pulses	01	01	Off	10	12	08	00	30	30
	Preparation and preservation of value-added product from jackfruit.	01	01	Off	07	16	07	00	30	30

b) Rural youths

Thematic Area	Title	No of courses	Duration	On/Off	No of participants					
					SC	ST	Others	M	F	Total
I. Agronomy										
Composting method	Training on methods of preparation of organic bio products and different method of composting	01	02	On		-	-	-	-	15
Seed production	Training on Seed production technology in rice	01	02	On		-	-	-	-	15
II. Agriculture Extension										

Entrepreneurship development	Training on packaging, labeling & branding of value-added crops	01	03	On	0	10	5	15	0	15
	Training on making of different organic components	01	03	On	0	08	07	10	5	15
ICT in Agriculture	Training on uses of ICT in Agriculture	01	03	On	0	08	07	10	5	15
III. Horticulture										
Orchard management	Management practices of Apple ber orchard	01	02	On	3	5	7	11	4	15
Nursery management	Management practices of healthy vegetable nursery in Kharif season.	01	02	On	6	8	1	9	6	15
IV. Women in agriculture										
Mushroom cultivation	Entrepreneurship development through mushroom cultivation	01	03	On	0	15	0	4	11	15
Value addition										
	Entrepreneurship development through value added product from different millet.	01	03	On	4	3	8	2	13	15
V. Agriculture Engineering										
Farm Mechanization	Use & operation of seed cum fertilizer drill	01	02	On	0	10	5	11	4	15
	Agri-entrepreneurship development through agro service centre	01	02	On	0	7	8	13	2	15
VI. Plant Protection										
Honey Bee Rearing	Honey Bee Rearing	01	02	On	3	9	3	10	5	15
Vermicomposting	Vermicomposting	01	03	On	0	08	07	10	5	15

c) Extension functionaries

Thematic Area	Title	No of courses	Duration	On/Off	No of participants					
					SC	ST	Others	M	F	Total
I. Agronomy										
Natural farming	Natural farming for sustainable agriculture	01	02	On	2	8	10	12	8	20
II. Agriculture Extension										
Capacity Building	Production of quality audio -visual materials with effective public speaking	01	02	On	7	8	10	25	0	25

	Training and Meeting management	01	02	On	8	7	10	15	10	25
III. Women in agriculture										
Women & child	Deficiency & prevention of protein energy malnutrition.	01	02	On	4	12	9		25	25
Nutritional Security	Lay out Kitchen Garden	01	02	On	6	9	10		25	25
III. Agriculture Engineering										
Farm Mechanization	Use of various Modern Agricultural Machineries in Agriculture	01	02	On	5	10	10	16	9	25
	Mechanization in Horticultural Crop	01	02	On	3	13	9	20	5	25

d) Sponsored Training for F& FW (OMBADC)

Thematic Area	Title	Courses	Duration	On/Off	No of participants					
					SC	ST	O	M	F	Tot
Mushroom cultivation	Commercial Paddy straw mushroom cultivation	2	10	On	0	40	0	0	40	40
	Commercial Oyster mushroom cultivation	2	10	On	6	20	14	8	32	40
Nursery raising	Nursery raising of vegetable crops	2	10	On	11	15	14	12	28	40
	Gardening and Grafting	1	5	On	5	15	0	05	15	20
Vermicomposting	Technique of vermiculture and vermicomposting	2	10	On	8	20	12	14	26	40
Poultry	Poultry farming for meat production	2	10	On	8	25	7	30	10	40
Value addition	Millet production & its value addition	1	5	On	5	8	7	10	10	20
Apiculture	Scientific Bee Keeping	2	10	On	5	15	20	18	22	40
Animal Science	Goat Farming	2	10	On	9	25	6	30	10	40

e) Sponsored Training for Field Functionaries (OMBADC)

Thematic Area	Title	Courses	Duration	On/Off	No of participants					
					SC	ST	O	M	F	Tot
Mushroom cultivation	Commercial Paddy straw mushroom cultivation	2	8	On	5	10	25	11	29	40
	Commercial Oyster mushroom cultivation	2	8	On	10	10	20	15	25	40
Crop production	Constraints and packages and practices of millet cultivation	1	4	On	8	25	7	30	10	40
Horticulture	Gardening and Grafting	1	4	On	5	15	0	05	15	20
	Nursery raising of vegetable crops	2	8	On	7	15	18	13	27	40
Vermicomposting	Technique of vermiculture and vermicomposting	2	4	On	5	20	15	25	5	40
Poultry	Poultry farming for meat production	2	4	On	8	25	7	30	10	40
Value addition	Value addition of millets	1	4	On	5	8	7	10	10	20
Apiculture	Scientific Bee Keeping	1	4	On	10	15	15	25	15	40
Animal Science	Feed and Health management of Goat	2	4	On	8	25	7	30	10	40
Farm Mechanization	Use & operation of farm implements	2	4	On	5	20	15	40	0	40

f) Vocational Training

Thematic Area	Title	courses	Duration	On/Off	No of participants/trainee days					
					SC	ST	O	M	F	Tot
Value Addition	Entrepreneurship development through value added product from forest product	1	5	On	3	4	3	4	6	10
Total		1	5	On	3	4	3	4	6	10

3. On-Farm Trials to be conducted (8 nos.)

Thematic area	Title	Code	Treatments	No. of farmers
Crop diversification	Assessment of non-ragi millet crops for diversification of millet production system	24OAG07(K)	FP- Finger millet TO ₁ :Little millet TO ₂ :Pearl millet TO ₃ :Foxtail millet TO ₄ :Sorghum,(IIMR, 2023)	07
Varietal evaluation	Assessment of medium duration rice varieties under rainfed condition	24OAG01(K)	FP: Rice variety Lalat TO ₁ : Kalinga Dhan 1203 TO ₂ -Kalinga Dhan 1204 TO ₃ : Kalinga Dhan 1205 (OUAT, 2022)	07
Natural farming module	Assessment of natural farming practices in vegetable crops	25OAG11 (KRS)	FP: Okra sole crop with conventional PoP TO ₁ : Okra + Cowpea (1:1)+Seed treatment with beejamrita 200 ml/kg seeds. Ghanjeevamrit 400 kg/acre 2 times 200 kg during sowing and 45 DAS (Placements)+ Application of Dhurvajeevamrit, Soil application 3 times @200 l/acre each at 30, 60 and 90 DAS and foliar spray 4 times at 15,45,75, and 105 DAS @ 10% spray. Marigold as border crop, spraying Neemastra and Agniastra @ 5l in 200l of water at 10 days interval alternatively. Spraying of sour butter milk @ 6L in 100 L of water on incidence of diseases. (AP Natural farming model)	07

			TO₂: Okra + Cluster bean (1:1)+ Green manuring through Dhaincha. Seed treatment with beejamrita 200 ml/kg of seeds for 7 hrs . Application of FYM 200 kg/acre + Ghanjeevamrit 25 kg/acre during sowing + Application of jeevamrit Soil application 6 times @200 l each at 15 days interval after sowing along with irrigation water. 10 % desi cow urine spray if leaf turns yellow. 6 foliar spray of Jeevamrit @ 5 % at 20 days interval from sowing of main crop growing of trap crops marigold as border crop. Spraying Neemastra and Bhrahamstra @ 3 l in 100 l of water at 10 days interval alternatively. Spraying of sour butter milk @ 3l in 100 l of water on incidence of diseases. (Gujarat Natural farming) MANAGE, 2025	
Farm Mechanization	Assessment of power weeder cum ridger for intercultural operation in maize	24OAE06(K)	FP-No intercultural operation & ridging TO₁ -Intercultural operation by power weeder TO₂ -Intercultural operation & ridging by power weeder cum ridger	07
Water management	Assessment of gravity fed drip irrigation with mulching in Brinjal	25OAE02(R)	FP: Furrow method of irrigation TO₁: Gravity drip irrigation	07

			without mulching TO2: Garvity drip irrigation with mulching	
Mushroom	Assessment on production straw mushroom from semi composted substrates	25OHS01(K)	FP:- Paddy straw mushroom production in bundle straw 5 Kg, soaking period 5hrs, addition spawn& food supplements (gram power + wheat bran) 3% of the substrate, Calcium carbonet1-2% TO1:- Chopped bundle straw of size 2-3inches+wheat bran (6%)+chicks Manure (1.5%)+calcium carbonate (2%) TO2:- Crumbled straw + wheat bran (6%) +chicken manure (1.5%) +CaCo3 (2%)	07
Evaluation of breed	Assessment of different duck breeds for better production in the district.	23OAS02(K/R)	FP-Local duck TO₁-Khaki Campbell TO₂- DK	07
Allied sector	Assessment of effectiveness of gender friendly extension approaches and methodologies for transfer of value addition technologies of Ragi	25OEE06(Y)	FP-technology transfer through F-F extension model TO1: technology dissemination through para extension worker TO2: technology dissemination through PPP model	60
	Assessment of gender responsiveness in climate smart agriculture interventions delivered through different channels.	25OEE09(Y)	FP: CSTs access through input dealers TO₁: CST introduced through participatory group TO₂: CSTs delivered by KVK or institutional platform	60

4. Frontline Demonstration (15 nos.)

Crop	Season	Title	Code	Technology	No. of demonstration	Area (ha)
Rice	Kharif	Demonstration on indigenous aromatic rice variety Kalikati	25FAG5(K)	FP: Pimpudibasa Demo: Kalikati	10	1.0
Linseed	Rabi	Demonstration of Integrated crop management practices in linseed	24FAG38(R)	FP: 2 Local linseed var., NPK@15-20-0kg/ha only Demo: Variety-Arpita, line sowing, Fertiliser (60-30-30) - 100 % N (2 splits - 50% N as basal + 50% N as top dressing), supplemental application of Nano urea @3ml /L at flower initiation and capsule development stage	10	1.0
Sunflower	Rabi	Demonstration on integrated crop management in sunflower	25FAG24(R)	FP: Farmers' package of practices Demo: Var. KBSH 53, STBF (60-90-60) + Sulphur @30kg/ha and B10% @10kg/ha + Trichoderma @4 kg/100 kg. Pre em Pendimethalin @2500ml/ha	10	1.0
Rice-Pulse	Kharif	Demonstration on customized mechanical transplanting under integrated rice-pulse cropping system	25FAG9(K)	Technology Details?	10	2.0
Kharif	Kharif	Demonstration of line sowing of maize by using tractor drawn	23FAE11(K)	FP- Line sowing on furrow prepared by tractor cultivator Demo- Sowing by	10	2.0

		seed cum fertilizer drill		tractor drawn seed cum fertilizer drill		
Mustard	Rabi	Demonstration of tractor drawn seed cum fertilizer drill for line sowing of mustard	24FAE01(R)	FP- Broadcasting Demo- Line sowing by tractor drawn seed cum fertilizer drill	10	2.0
Mustard	Rabi	Demonstration of effect of irrigation scheduling on yield of mustard	25FAE03 (R)	FP- Improper and irregular irrigation during entire growing period Demo- Two Irrigations (1st at Rosette + 2nd at Pod Formation)	10	2.0
Vegetables	Rabi	Demonstration of dryland power weeder in vegetables	24FAE03(R)	FP- Use of spade for weeding Demo- Weeding by power weeder	10	1.0
Kharif	Kharif	Demonstration of Management of Neck Blast in Rice	24FPP01(K)	Seed treatment with (Carboxin 37.5% + Thiram 37.5%) WP @ 2.5 g/kg seed and two sprays of (Trifloxystrobin 25% + Tebuconazole 50% WG) @ 200 g/ha at 15 days interval starting first spray at leaf blast disease appearance	10	1.0
Tomato	Rabi	Demonstration on HYV Tomato variety - Kalinga Tomato 121	24FHO03 (R)	Cultivation of HYV Tomato variety – Kalinga Tomato 121. It is a wilt tolerant variety. Growing period of 90-150 days. Yield potential of 300-350 qtl/ha.	10	1.0
Tomato	Rabi	Demonstration on natural farming technology on Tomato.	24FHO01(R)	Marigold as intercrop in the ratio of 1:5. Maize as barrier crop. Straw mulching and irrigation with alternate channel. Application of Jibamruta @ 500 lt/ha	10	0.4

				thrice at 15 days interval. Foliar spray of Nimastra @ 200 lt/ha twice at 15 days interval.		
Apple ber	Kharif	Demonstration on crop management in Apple ber	25FHO08(K)	Pruning at a height of 30 cm from ground level with application of 50 kg FYM, 500 gm N, 200 gm P and 500 gm k per plant. Manuring should be done immediately after pruning. Spray 2% KNO ₃ thrice at monthly interval in January, February and March.	10	1
Mango		Demonstration on Pre and Post harvest management of Mango	23FHO28(K/R)		10	1
Millet	Year round	Demonstration on Millet bar for higher income	25FHS05(K)	Preparation of millet bar from roasted finger millet bar from roasted finger millet 20gm, roasted pearl millet 20 gm, Puffed sorghum 30gm, roasted Bengal gram 20 gm, groundnut 20 gm with jaggery 40 gm.	10	10 kg
Jack fruit	Rabi	Demonstration on processing and packaging methods of tender jack fruit.	24FHS18(K/R) *	Surface cleaning/ dirt removal by washing, peeling and cutting in to pieces. Dipping in 0.5% (W/V) citric acid and 0.1% ascorbic acid for 7 mins, surface drying and	10	10 kg

				packaging in pun net pack or PP pouch with 8-10 pin hole perforation and refrigerated, storage at 10 ⁰ C		
Oyster Mushroom (Value addition)	Rabi	Demonstration on oyster mushroom chips for higher income	24FHS09(R) *	Preparation of mushroom chips ,freshly harvested mushroom are washed divided in individual mushroom from the bunch (in case of oyster mushroom) &blanched in 2% brine solution. The mushrooms are dipped overnight in a solution of 0.1% of citric acid +1.5% of NaCL+ 0.3% of red chili power ,After draining off the solution, the mushrooms are subjected to drying in cabinet dryer at 60 degree for 8 hrs. Then it is fried in the refined oil a good quality chips are prepared spices mixing & keep air tight poly pack.	10	10kg
Evaluation breed	Rabi	Demonstration on poultry breed Var-Aseel in backyard.	23FAS09(R) *	Rearing Aseel breed with proper brooding management for 21 days followed by free range feeding.	10	150 nos
Allied sector	Rabi	Demonstration on extent of adoption of climate resilient technology among farmers for sustainable production	25FEE01(Y)	Recommended climate resilient technology practice by farmers	100	-

	Rabi	Extend of adoption of seed cum fertilizer drill in maize cultivation	25FEE04(Y)	Sowing through seed cum fertilizer drill	30	-
--	------	--	------------	--	----	---

CFLD (Oilseed/Pulses)

Crop	Season	Area (ha)	No. of beneficiary
Mustard	Rabi	80	160

5. Seed and planting material production/ Poultry bird

Seed		Planting material	
Crop	Area (ha)	Crop	Area/No
Paddy (Variety- Pratikshya)	3	Brinjal	30000
		Tomato	30000
		Chilli	20000
		Cauliflower	18000
		Capsicum	4000
		Cabbage	14000
		Papaya	2000
		Drum stick	2000
Poultry Birds (21 days old)	3500 nos.		

6. Extension Activities

Activities	No.	Participants
Field Day	6	240
Kisan Mela	1	200
Kisan Gosthi	1	50
Exhibition	1	100
Film Show	30	500
Method Demonstration	16	160
Farmers Seminar	1	25
Workshop	1	25
Group Meeting	2	100
Lecture Delivered as Resource Person	25	500
Advisory Services	36	100
Scientist Visit to Farmers field	129	600
Farmers visited to KVK	2050	2050
Diagnostic Visit	69	205
Exposure Visit	38	760
Ex-trainee Samellan	1	50
Soil Health Camp	1	50
Animal Health Camp	2	100
Soil Test Campaign	2	100
Farm-Science Club Convener Meet	2	80
SHG Group Convener Meeting	1	50
Mahila Mandal Convener Meeting	1	25
Celebration of Important day	5	125

Swatch Bharat Mission	18	320
Mahila Kisan Diwas	1	50

7. Revolving Fund

Opening balance as on 1 st April 2024 (Rs. in lakh)	Amount to be invested (Rs.)	Return (Rs.)
185570.10	571412	705301

8. Expected fund utilization

Project	Source	Amount to be received (Rs. in lakh)
CBSAE development project under OMBADC	OMBADC, Govt. of Odisha	70,000,00
Natural farming	ICAR	6,00,000

9. List of Projects to be implemented

Name of the project	Fund expected (Rs.)
TSP	10,00,000
CBSAE development project under OMBADC	70,00,000

10.No. of success stories to be developed: 04 nos.

11. Soil and water testing: 300

Sample	No. of samples to be analyzed
Soil	110
Plant	-
Water	-

12. Staff position

Sanctioned	In position	If vacant, since when
Sr. Scientist & Head	1	--
SMS (Hort.)	0	2012
SMS (A.H. & V.S.)	0	2012
SMS (Fishery Sc.)	0	2012
SMS (Agril. Engineering)	0	2022
SMS (Agril. Extn)	1	-
Scientist (Home Sc.)	1	-
SMS(Agronomy)	1	-
Programme Assistant (Computer)	1	-
Programme Assistant (Horticulture)	1	-
Farm Manager	1	-
Office Assistant	0	2012
Steno cum computer operator	1	-
Driver cum Mechanic	1	-
Driver cum Mechanic	1	-
Skilled Supporting Staff	1	-
Skilled Supporting Staff	0	2020
Total	10	-

13. Fund requirement and expenditure (Rs.)

Total Fund Requirement:

	Expenditure (last year) (Rs. in lakh)	Expected requirement (Rs. in lakh)
Recurring	-	
i. Pay & allowance	98.08	110
ii. Contingency	37.37	40
iii. TA	1.5	2.0
iv. HRD	0.15	0.2
Non-recurring (specify)	-	-
i. Works (Road, threshing floor, drying yard, vehicle and implement shed, irrigation system etc.)	0	-
iv. Furniture & Equipment	1.0	1.0
v. Library	0.1	0.1
v. Vehicle and tractor	-	-
TOTAL	138.2	153.3

ACTION PLAN FOR SPECIAL FOCUS ON EMPOWERING TRIBAL FARMERS UNDER TSP PROGRAMME

1. Bee Keeping

Problem	Low income due to absence of income generation opportunities in spite of availability of sufficient natural flora & fauna
Intervention	<i>Apis Indica</i> species to be supplied adjacent to Similipal bio-sphere area
Beneficiaries / No. of units	20 nos./5 units (SHG)
Unit size	4 nos. per SHG
Input requirement including the cost	Input requirement including the cost: Bee box & Colony –Rs. 4000/unit Total cost required - Rs. 80,000/
Expected Outcome	Socio-economic development of tribal people through additional income generation activities by bee keeping is expected with very little investment and less labour intensive

2. Free range improved poultry farming by women SHGs

Problem	Low output of desi poultry birds due to lower growth rate and egg laying capacity
Intervention	Breeds such as Aseel, Vezaguda, Kadaknath etc.

Beneficiaries / No. of units	200nos. / 20 units (SHG)
Unit size	100 nos. birds per SHG in two phases
Input requirement including the cost	21 days old chicks @ Rs. 90/- per chick for 100 nos./unit Total for 2000 birds = Rs. 2,00,000/-
Expected Outcome	Socio-economic development of tribal people through additional income generation activity by means of rearing improved poultry breeds having more output in terms of growth and egg laying capacity

3. Mushroom cultivation for Nutritional Security and Small-scale Income generation by SHGs

Problem	Malnutrition in tribal people due to unavailability of proper supplementation to the main staple food i.e., rice
Intervention	Cultivation of Paddy straw and Oyster mushroom
Beneficiaries / No. of units	1000 nos./100 units (SHG)
Unit size	10 nos. of bed per SHG
Input requirement including the cost	Spawn, additives, polythene etc.@ Rs. 30/- per bed Total for 1000 beds - Rs.30000 Total cost required- Rs 30000
Expected Outcome	Socio-economic development of tribal people through additional income generation activity by means of rearing improved poultry breeds having more output in terms of growth and egg laying capacity

4. Hybrid Gyno-dioecious Papaya based nutritional gardening in backyard condition

Problem	Unavailability of balanced diet (green vegetables) in the plates of tribal people due to low purchasing power causing -Malnutrition
Intervention	Supplying Gyno-dioecious Variety papaya-: (Hybrid-Red lady) and vegetables (HYV/hybrids) in backyard
Beneficiaries / No. of units	200 nos./20 units (SHG)
Unit size	10 nos. of Papaya plants and 400 nos. of vegetable seedlings per beneficiary
Input requirement including the cost	Papaya seedlings 2,000 nos. @ Rs. 25/- per plant- 50,000/- Vegetable seedlings 80,000 nos. @ Rs. 1.25/- Rs 1,00,000/- Total cost required= Rs. 1,50, 000/-
Expected Outcome	By inclusion with fresh vegetables in the diet will solve the problem of malnutrition as well as it will reduce the daily cooking cost of tribal people

5. Small tools and equipment for tribal women SHG

Name of equipment	Intervention	Beneficiaries / No. of units	Total Cost Required
Sprayer		20	40,000
Bhindi plucker		50	5,000

Improved sickle		50	10,000
Garden kit		25	15,500
Trench hoe		20	11,600
Rose cane		30	17,900
Total			1,00,000

6. Demonstration of hybrid maize variety “Kalingaraj” for improved profitability

Problem	Unavailability of Suitable hybrid variety of maize from reliable source
Intervention	Supplying of hybrid maize variety “Kalingaraj” along with improved package of practices.
Beneficiaries / No. of units	5 ha
Unit size	per beneficiary
Input requirement including the cost	Maize seed (variety “ Kalingaraj ”) 1 qtl - 35,000/- Need base PP chemicals- Rs 10,000/- Total cost required= Rs. 45, 000/-
Expected Outcome	

Sd/-
Senior Scientist and Head
KVK, Mayurbhanj-II, Jashipur