Action Plan
2024-25

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 2024 to March 2025)

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 Mustard	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
IWM	Training on IWM 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 and testing of different nutrient by Mridaparikshyak	1	1	Off	07	14	09	15	15	30
IFS	IFS for maximum utilization of on farm resourses and	1	1	Off	08	12	10	19	11	30

	enhancingfarm productivity									
II. Agriculture Extension										
Capacity Building and Group Dynamics	Farm record management	01	01	Off	3	10	17	30	00	30
	Capacity building in 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	Local Market regulation and management	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	Management practices of off-season vegetable cultivation	01	01	Off	09	11	10	21	09	30
Vegetable crop	Cultivation of Pointed gourd with trellis system	01	01	Off	06	15	09	16	14	30
Fruit Production	Package of practices of dragon fruit cultivation	01	01	Off	06	10	14	18	12	30
Vegetable crop	Package of practices of pumpkin cultivation.	01	01	Off	11	09	10	22	08	30
Vegetable crop	Organic cultivation method of Tomato	01	01	Off	08	09	13	15	15	30
Vegetable crop	Cultivation practices of watermelon	01	01	Off	07	08	15	19	11	30
Vegetable crop	Package of practices of Brinjal cultivation	01	01	Off	05	14	11	16	14	30
Vegetable crop	Package of practices of Chilli cultivation	01	01	Off	10	11	09	11	19	30
IV. Plant Protection										

Integrated disease management	Integrated management of wilt complex of tomato	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- Palishee) 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 uses crumbled straw.	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
Fodder production	Cultivation practices of Napier fodder cultivation,	01	01	Off	10	14	06	00	30	30
Nutritional security	Layout of Improving food nutrition security through homestead gardening	01	01	Off	00	30	00	00	30	30
	Designing & preparation of ragi malt by using ragi & green gram.	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 tomato	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
	Preparation & preservation value added product from maize	01	01	Off	00	30	00	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	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
Marketing Linkage	Training on marketing management	01	03	On	02	07	06	12	3	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 forest product	01	03	On	2	13	0	0	15	15
	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	Regenerative agriculture for profitable farming	01	02	On	2	8	10	12	8	20
II. Agriculture Extension										

Capacity Building	Production of quality audio -visual materials	01	02	On	7	8	10	25	0	25
	Training management	01	02	On	8	7	10	15	10	25
	Application of Mobile App in Agriculture	01	02	On	4	6	15	15	10	25
	New trends in Agriculture	01	02	On	8	7	10	15	10	25
III. Women in agriculture										
Women & child	Food health & Nutrition	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	1	5	On	0	20	0	0	20	20
	Commercial Oyster mushroom cultivation	1	5	On	5	10	5	15	5	20
Pisciculture	Biofloc fish and fingerling production	2	5	On	8	25	7	30	10	40
	Year round stunted/ fingerlings/ yearling production	1	5	On	0	20	0	20	0	20
Nursery raising	Nursery raising of vegetable crops	1	5	On	5	15	0	05	15	20
Vermicomposting	Technique of vermiculture and vermicomposting	1	5	On	5	10	5	15	5	20
Poultry	Poultry farming for meat production	2	5	On	8	25	7	30	10	40

Value addition	Value addition of NTFP	1	5	On	5	8	7	10	10	20
Apiculture	Scientific Bee Keeping	1	5	On	5	15	0	05	15	20
Animal Science	Goat Farming	2	5	On	8	25	7	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	1	4	On	0	20	0	0	20	20
	Commercial Oyster mushroom cultivation	1	4	On	5	10	5	15	5	20
Crop production	Constraints and packages and practices of millet cultivation	2	4	On	8	25	7	30	10	40
	Package and practices of Maize cultivation	2	4	On	8	25	7	30	10	40
Horticulture	Gardening and Grafting	1	4	On	5	15	0	05	15	20
	Hi-tech horticulture and Precision farming	1	4	On	5	8	7	10	10	20
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
	Value addition of NTFP	1	4	On	5	15	0	05	15	20
Apiculture	Scientific Bee Keeping	2	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	Preparation and preservation of value-added product from vegetables and fruits	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 (7 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**
Farm Mechanization	Assessment of power weeder cum ridger for intercultural operation in maize	24OAE09(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 growth & yield of mustard to irrigation scheduling	23OAE04(R)	FP: No irrigation TO_1: One irrigation at Rosette stage. TO_2: One irrigation at Pod formation TO_3: Two irrigation (1^{st} at Rosette + 2^{nd} at pod Formation)	07
Mushroom	Refinement of improved techniques for cultivation of paddy straw mushroom (Volvariella volvacea)using crumbled straw	24OCS02(K)	FP:-Rectangular compact method (size 45x60x45cm) mushroom production by using crumbled paddy straw 5kg, soaking of straw in water for 5hrs in 2% Calcium carbonate ,14-20 age spawn at 2% of dry substrate weight &horse	07

			gram power (at 3% dry substrate weight) TO1:Squre compact bed size (45x45x45cm) mushroom production by using crumbled paddy straw 5kg, soaking of straw in water for 5hrs in 2% Calcium carbonate ,14-20 age spawn at 2% of dry substrate weight &horse gram power (at 3% dry substrate weight) TO2: Circular bed size (45 cm diameter) mushroom production by using crumbled paddy straw 5kg, soaking of straw in water for 5hrs in 2% Calcium carbonate ,14-20 age spawn at 2% of dry substrate weight &horse gram power (at 3% dry substrate weight)	
Evaluation of breed	Assessment of different duck breeds in backyard.	24OCS12 (K/R)	FP-Local duck TO_{1}-Khaki Campbell TO_{2}- DK	07
Allied sector	Assessment of adoption rate and sustainability of different planters	240EE07 (K)	FP-Sowing of seed behind plough TO_1 -Adoption of cup feed seed drill for sowing of seeds TO_2- Adoption of inclined plate seed drill for sowing of seeds	90
	Assessment of efficiency of different channels to get appropriate technology from reliable sources	240EE09 (Y)	FP: F-F Extension TO_1: Print Media TO_2: Mobile Message from govt sources TO_3: Blackboard Technology	120

4. **Frontline Demonstration (10 nos.)**

Crop	**Season**	**Title**	**Code**	**Technology**	**No. of demonstration**	**Area (ha)**
Finger millet	Rabi	Demonstration on integrated nutrient management in ragi	23FSS03(R)	FP: Application of 40:20:0 kg N: P2O5:K2O per hectare. Demo: STBF(NPK)+ FYM @5t/ha +Azotobacter, Azospirillum and PSB @4 kg each per hectare	10	2.0
Mustard	Rabi	Demonstration of Integrated Nutrient Management in Mustard	23FSS04(R)	FP-Application of NPK:40:20:0 Demo-Application of bioconsortia (Azotobacter, azospirillum & PSB) at 1:1:1 ratio @ 4kg/ha along with 50-25-25 kg N-P2O5-K2O/ ha	10	2.0
Linseed	**Rabi**	Demonstration of Integrated crop management practices in linseed	24FAG38(R)	FP: 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	2.0
Rice	**Kharif**	Demonstration on weed management in transplanted rice	24FAG09(K)	FP: Manual weeding @30 DAT Demo: Pre emergence application of Pretilachlor 50 EC @ 1500 ml/ha, fb Penoxulam 1.02 % + Cyhalofop butyl 5.1 % OD @ 2250 ml/ha @ 25 DAT	10	2.0
Kharif	Kharif	Demonstration on DSR through seed cum fertilizer drill	23FAE01(K)	DSR through seed cum fertilizer drill	10	5.0

		in medium land rice based cropping system				
Mustard	Rabi	Demonstration of tractor drawn seed cum fertilizer drill for line sowing of mustard	24FAE04(R)	Line sowing by tractor drawn seed cum fertilizer drill	10	5.0
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
Pointed gourd	Kharif	Demonstration on high yielding pointed gourd variety Swarna Aloukik in trellis system.	23FH003(R)	Cultivation of pointed gourd variety Swarna Aloukik with trellis system, spacing 1 mt X 1 mt.	10	0.4
Tomato	Rabi	Demonstration on natural farming technology on tomato.	24FH001(R)		10	0.4
Cabbage	Rabi	Demonstration on management of Aphid in Cabbage	24FPP24(R)	Application of NSKE @ 40 g/l at 25 DAT followed by spraying of Diafenthiuron 50WP @ 1 g/l twice at 40 & 55 DAT	10	1.0
Millet	Year round	Demonstration on Ragi malt powder for nutritional security.	24FCS07(R)	Ragi malt powder- soak ragi and green gram separately in water (12hrs), sprout ragi (24 hrs) and green gram (12 hrs), dry the spouted grains , remove the rootlets, roast the grains, grind to the fine power,	10	10 kg

				keep in an air tight bottle.		
Jack fruit	Rabi	Popularization of processing and packaging methods of tender jack fruit.	24FC7O6(K)	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 packaging in pun net pack or PP pouch with 8-10 pin hole perforation and refrigerated, storage at 10^0 C	10	10 kg
Fodder	Kharif	Demonstration on fodder production for feeding management in dairy cows (Hybrid Napier) CO4/ Super Napier)	24FCS29(K/R)	Feeding of fodder @ 10 kg per cow per day, feeding of dry roughage (6kg) + 2 kg concentrate feed	10	1.0
Evaluation breed	Rabi	Demonstration on poultry breed OUAT Kalinga Palishree in backyard.	24FCS30(K/R)	Rearing Kalinga Palishree chicken breed with proper brooding management for 21 days followed by free range feeding.	10	200 nos
Allied sector		Demonstration on transfer of technology through harnessing human values in agriculture	24FEE03(Y)	progressive farmer is designated as per domain specialization serve as an ambassador of change in the process of technology transfer	20	

CFLD (Oilseed/Pulses)

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

5. **Seed and planting material production/ Poultry bird**

Seed		Planting material	
Crop	**Area (ha)**	**Crop**	**Area/No**
Paddy (Variety- Hasant)	3	Brinjal	25000
		Tomato	20000
		Chilli	20000
		Cauliflower	20000
		Capsicum	1500
		Cabbage	10000
		Papaya	2500
		Drum stick	500
		Broccoli	500
Poultry Birds (21 days old)	2500 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 1st April 2023 (Rs. in lakh)	Amount to be invested (Rs.)	Return (Rs.)
2,76,190	3,70,000	4,85,000

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**

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	*Apis Indica* 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	500 nos./50 units (SHG)
Unit size	100 nos. of bed per SHG
Input requirement including the cost	Spawn, additives, polythene etc.@ Rs. 30/- per bed Total for 5000 beds - Rs.1,50, 000/- Total cost required- **Rs 1,50,000/-**
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

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. **Maize cultivation**
7. **Paddy**

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