REVISED PROFORMA FOR ACTION PLAN 2019-2020

1. Name of the KVK:

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Jashipur At- Angarpada, P.O- Khairi, Mayurbhanj, Pin - 757091	9437584356	-	kvkmayurbhanj2.ouat@gmail.com kvkmayurbhanj2@yahoo.com

2. Name of host organization:

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture & Technology, At- Siripur, Bhubaneswar-751003	0674-2397970/ 2397818/ 2397719	0674-2397970	registrarouat@gmail.com

3. Training programme to be organized (April 2019 to March 2020)

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Crop diversification	Crop management in maize: Arhar intercropping	01	02	Off	10.07.19	2	0	20	0	3	0	25	0	25
INM	Nutrient management in upland rice	01	01	Off	20.06.19	3	0	18	0	4	0	25	0	25
	Nutrient management in tomato	01	01	Off	11.12.19	2	0	19	0	4	0	25	0	25
	Nutrient management in brinjal	01	01	Off	20.08.19	3	0	15	0	7	0	25	0	25
	Micronutrient management in cauliflower	01	01	Off	21.11.19	4	0	17	0	4	0	25	0	25
	Fertigation technique in drip irrigated vegetables	01	02	Off	05.01.20	1	0	20	0	4	0	25	0	25
IWM	Weed management in pulses	01	01	Off	17.10.19	0	0	25	0	0	0	25	0	25
IPM	Disease and pest management in pulses	01	02	Off	05.09.19	2	0	15	0	8	0	25	0	25
IPDM	Wilt and fruit borer management in brinjal	01	01	Off	18.09.19	4	0	20	0	1	0	25	0	25

IDM	Sheath blight management in rice	01	01	Off	16.10.19	5	0	15	0	5	0	25	0	25
RCT	Different planting methods in DSR	01	02	Off	18.06.19	4	0	18	0	3	0	25	0	25
Farm mechanization	Farm mechanization in maize based cropping system	01	02	Off	25.06.19	5	0	18	0	2	0	25	0	25
	Use and operation of different wet land weeders	01	01	Off	07.08.19	4	0	14	0	7	0	25	0	25
	Spraying technique and use of different sprayers	01	01	Off	29.10.19	3	0	10	0	12	0	25	0	25
	Mechanized intercultural and ridging operation in maize	01	01	Off	23.07.19	5	0	15	0	5	0	25	0	25
	Use and operation of different maize sheller	01	01	Off	11.09.19	3	0	20	0	2	0	25	0	25
	Line sowing and mechanization in pulse crop	01	02	Off	03.12.19	0	0	22	0	3	0	25	0	25
	Post-harvest management in Finger millet	01	01	Off	09.12.19	2	0	23	0	0	0	25	0	25
PHT	Post-harvest management in maize	01	02	Off	14.11.19	3	0	20	0	2	0	0	25	25
Value addition	Value addition in tomato	01	02	Off	15.02.20	0	2	0	20	0	3	0	25	25
	Value addition in forest produce	01	02	Off	07.03.20	0	3	0	22	0	0	0	25	25
	Value addition of finger millet	01	02	Off	11.01.19	0	1	0	20	0	4	0	25	25
Off season vegetables	Nursery raising in low cost poly house	01	02	Off	10.07.19	2	0	18	0	5	0	25	0	25
	Off-season vegetable cultivation	01	01	Off	15.07.19	5	0	15	0	5	0	25	0	25
High value crops	Management practices of capsicum	01	01	Off	10.01.20	0	0	25	0	0	0	25	0	25
Precision farming	Preparation of different trailing structure	01	02	Off	19.09.19	0	2	0	17	0	6	0	25	25
Nutritional garden	Planning and layout of nutritional garden	01	02	Off	18.07.19	0	2	0	17	0	6	0	25	25
Organic farming	Vermi-composting by reusing spent mushroom straw	01	01	Off	14.11.19	0	3	0	20	0	2	0	25	25
Poultry	Feed management in poultry	01	01	Off	31.12.19	0	1	0	22	0	2	0	25	25
Goatery	Vaccination and de-worming in goat	01	01	Off	14.01.20	0	0	0	25	0	0	0	25	25

(b) Rural youths

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Farm mechanization	Mat type nursery raising and mechanized rice transplanting	02	04	On	11.07.19 to 12.07.19 and 02.08.19 to 03.08.19	0	0	10	0	5	0	15	0	15
	Skill in use of seed cum fertilizer drill for line sowing	01	02	On	15.11.19 to 16.11.19	2	0	10	0	3	0	15	0	15
Organic farming	Vermi-composting	01	02	On	06.12.19 to 07.12.19	2	0	11	0	2	0	15	0	15
Value addition	Value addition in oyster mushroom	01	02	On	02.03.20 to 03.03.19	0	1	0	12	0	2	0	15	15
Poultry	Vaccination schedule and health management in poultry	01	02	On	12.12.19 to 13.12.19	0	2	0	9	0	4	0	15	15
Entrepreneurship development	Plant propagation technique	01	03	On	25.08.19 to 27.08.19	2	0	10	0	3	0	15	0	15
Exotic vegetables	Production technology of exotic vegetables	01	02	On	09.01.20 to 10.01.19	1	0	5	0	9	0	15	0	15
Marketing	Marketing management	01	02	On	30.08.19 to 31.08.19	2	0	10	0	3	0	15	0	15
	Packaging, labelling and branding	01	02	On	25.01.20 to 26.01.20	3	0	9	0	3	0	15	0	15

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
IWM	Weed management in rice	01	02	On	19.07.19 to 20.07.19	3	0	6	0	11	0	20	0	20
Mechanization	Mechanization in maize	01	02	On	25.06.19 to	2	0	5	0	13	0	20	0	20

	crop				26.06.19									
Mechanization	Mechanization in pulse crop	01	02	On	17.01.20 to 18.01.20	4	0	7	0	9	0	20	0	20
Value addition	Low cost diet preparation from cereals and pulses	01	02	On	02.12.19 to 03.12.19	0	2	0	9	0	9	0	20	20
Income generation	Additional income aspects for tribal women	01	02	On	07.03.20 to 08.03.20	0	1	0	5	0	14	0	20	20
Extension	Production of quality audio-visual materials	01	02	On	28.08.19 to 29.08.19	2	0	8	0	10	0	20	0	20
	Training management	01	02	On	24.10.19 to 25.10.19	3	0	7	0	10	0	20	0	20
	Process documentation	01	02	On	19.12.19 to 20.12.19	2	0	5	0	13	0	20	0	20
	Market led extension	01	02	On		4	0	5	0	11	0	20	0	20

Abstract of Training: Consolidated table (ON and OFF Campus)

Farmers and Farm women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	01	0	0	0	0	0	0	25	0	25	25	0	25
Resource Conservation Technologies	01	3	0	3	4	0	4	18	0	18	25	0	25
Cropping Systems	01	3	0	3	2	0	2	20	0	20	25	0	25
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	01	4	0	4	3	0	3	18	0	18	25	0	25
Fodder production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL	**04**	**10**	**0**	**10**	**9**	**0**	**9**	**81**	**0**	**81**	**100**	**0**	**100**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	03	15	0	15	9	0	9	51	0	51	75	0	75
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	01	0	0	0	0	0	0	25	0	25	25	0	25
Off-season vegetables	01	5	0	5	5	0	5	15	0	15	25	0	25
Nursery raising	01	5	0	5	2	0	2	18	0	18	25	0	25
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	01	6	0	6	2	0	2	17	0	17	25	0	25
Others, if any (Cultivation of Vegetable)													
TOTAL	**07**	**31**	**0**	**31**	**18**	**0**	**18**	**126**	**0**	**126**	**175**	**0**	**175**
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Plant propagation techniques													
Others, if any (INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micronutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	01	0	2	2	0	1	1	0	22	22	0	25	25
Piggery Management													
Rabbit Management													
Disease Management	01	0	0	0	0	0	0	0	25	25	0	25	25
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL	**02**	**0**	**2**	**2**	**0**	**1**	**1**	**0**	**47**	**47**	**0**	**50**	**50**

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	01	0	6	6	0	2	2	0	17	17	0	25	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	03	0	7	7	0	6	6	0	62	62	0	75	75
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and childcare													
Others, if any													
TOTAL	**04**	**0**	**13**	**13**	**0**	**8**	**8**	**0**	**79**	**79**	**0**	**100**	**100**
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	01	4	0	4	1	0	1	20	0	20	25	0	25
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm	06	31	0	31	20	0	20	99	0	99	150	0	150

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology	02	2	0	2	5	0	5	43	0	43	50	0	50
Others, if any													
TOTAL	**09**	**37**	**0**	**37**	**26**	**0**	**26**	**162**	**0**	**162**	**225**	**0**	**225**
VII. Plant Protection													
Integrated Pest Management	02	9	0	9	6	0	6	35	0	35	50	0	50
Integrated Disease Management	01	5	0	5	5	0	5	15	0	15	25	0	25
Biocontrol of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	**03**	**14**	**0**	**14**	**11**	**0**	**11**	**50**	**0**	**50**	**75**	**0**	**75**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fishpond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production	01	0	2	2	0	1	1	0	22	22	0	25	25
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL	**01**	**0**	**2**	**2**	**0**	**1**	**1**	**0**	**22**	**22**	**0**	**25**	**25**
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	**30**	**92**	**17**	**109**	**64**	**10**	**74**	**419**	**148**	**567**	**575**	**175**	**750**

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Beekeeping													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production	01	3	0	3	2	0	2	10	0	10	15	0	15
Vermi-culture	01	2	0	2	2	0	2	11	0	11	15	0	15
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	02	8	0	8	2	0	2	20	0	20	30	0	30
Nursery Management of Horticulture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
crops													
Training and pruning of orchards													
Value addition	01	0	2	2	0	1	1	0	12	12	0	15	15
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	01	0	4	4	0	2	2	0	9	9	0	15	15
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
Others if any (Production technology of exotic vegetables)	01	9	0	9	1	0	1	5	0	5	15	0	15

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others if any (Marketing management)	01	3	0	3	2	0	2	10	0	10	15	0	15
Others if any (Packaging, labeling and branding)	01	3	0	3	3	0	3	9	0	9	15	0	15
TOTAL	**9**	**28**	**6**	**34**	**12**	**3**	**15**	**65**	**21**	**86**	**105**	**30**	**135**

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	01	11	0	11	3	0	3	6	0	6	20	0	20
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs	01	0	14	14	0	1	1	0	5	5	0	20	20
Group Dynamics and farmers organization	01	10	0	10	2	0	2	8	0	8	20	0	20
Information networking among farmers													
Capacity building for ICT application	01	10	0	10	3	0	3	7	0	7	20	0	20
Care and maintenance of farm machinery and implements	02	22	0	22	6	0	6	12	0	12	40	0	40
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder													

production													
Household food security													
Women and Childcare													
Low cost and nutrient efficient diet designing	01	0	9	9	0	2	2	0	9	9	0	20	20
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Market led extension	01	11	0	11	4	0	4	5	0	5	20	0	20
Process documentation	01	13	0	13	2	0	2	5	0	5	20	0	20
TOTAL	**9**	**77**	**23**	**100**	**20**	**3**	**23**	**43**	**14**	**57**	**140**	**40**	**180**

4. Frontline demonstration to be conducted

FLD-1

Crop : Rice
Thrust Area : Farm mechanization
Thematic Area : RCT
Season : Kharif-2019
Farming Situation : Rainfed, upland, Direct seeded, Rice-fallow

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Rice	1 ha	Tractor drawn seed cum fertilizer drill for DSR	AFC (h/ha), Field Efficiency (%), Fuel consumption (l/h), Cost of operation (Rs/ha)	Tractor drawn seed cum fertilizer drill	13500	15800	0	0	5	0	5	0	10	0	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Different planting methods in DSR	01	F&FW	02	Off	4	0	18	0	3	0	25	0	25
Field day	Field day on use of seed cum ferti drill in DSR	01	F&FW	01	Off	3	0	25	5	15	2	43	7	50

FLD-2

Crop : Rice
Thrust Area : Disease management
Thematic Area : IDM
Season : Kharif-2019
Farming Situation : Rainfed, Medium land, Rice-fallow

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Rice	1 ha	Spraying of the combination fungicide Azoxystrobin+ difenconazole @ 1ml/l twice at 15 days interval starting from initiation to control sheath blight in rice	% infestation, Infected tillers /m2, Cost of intervention, Additional income over additional investment, Disease Severity (%), Yield (q/ha), B:C ratio	Azoxystrobin+ difenconazole	17400	15200	1	0	4	0	5	0	10	0	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Sheath blight management in rice	01	F&FW	01	Off	5	0	15	0	5	0	25	0	25

FLD-3

Crop : Maize
Thrust Area : Farm mechanization
Thematic Area : Farm machinery
Season : Kharif-2019
Farming Situation : Rainfed, upland,Maize-fallow

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Maize	1 ha	Seed cum fertilizer drill for sowing of maize and pigeon pea in inter cropping	AFC (h/ha), Field Efficiency (%), Fuel consumption (l/h), Cost of operation (Rs/ha)	Tractor drawn seed cum fertilizer drill	18300	21500	0	0	8	0	2	0	10	0	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Crop management in maize: Arhar intercropping	01	F&FW	02	Off	2	0	20	0	3	0	25	0	25
Training	Farm mechanization in maize based cropping system	01	F&FW	02	Off	5	0	18	0	2	0	25	0	25
Field day	Field day on maize arhar intercropping	01	F&FW	01	Off	8	3	22	8	8	1	38	12	50

FLD-4

Crop : Pigeon pea

Thrust Area : Pest management

Thematic Area : IPM

Season : Kharif-2019

Farming Situation : Rainfed, Upland, Pigeon pea-fallow

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Pigeon pea	1 ha	Spraying of Azadiractin 0.15% @ 1.5 l/ha at 50% flowering followed by flubendiamide 48SC @ 200ml/ha (2ml/5 litre water) and Bt @ 1kg/ha (2g/litre) at 15 days intervals to control pod borer	Pest monitoring,no. of infested pods/plant, No. pods /plant	Azadiractin 0.15%, Flubendiamide 48SC, Bt	21500	18600	0	0	5	0	5	0	10	0	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Disease and pest management in pulses	01	F&FW	02	Off	0	0	25	0	0	0	25	0	25
Field day	Field day management of pod borer in pigeon pea	01	F&FW	01	Off	5	0	28	2	13	2	46	4	50

FLD-5

Crop : Finger millet
Thrust Area : Farm mechanization
Thematic Area : Farm machinery
Season : Rabi,2019-20
Farming Situation : Rainfed, upland, Ragi-fallow

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Finger millet	10	Threshing by Ragi Thresher cum Pearler	Output: kg/h, Threshing efficiency: %, Cleaning efficiency: %, Cost of operation: Rs. /kg	Ragi Thresher cum Pearler	--	--	1	0	8	0	1	0	10	0	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Post-harvest management in Finger millet	01	F&FW	01	Off	2	0	23	0	0	0	25	0	25

FLD-6

Crop : Maize and pulse
Thrust Area : Value addition
Thematic Area : Low cost nutritive diet
Season : Year round
Farming Situation : Home stead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Maize and pulse	10	Multipurpose dry grinder for preparation of low cost chhatua from cereals, pulse, and maize	Output(kg/hr), working Heart rate (beats/min), Energy expenditure (KJ/mins), cost of operation(Rs/batch)	Maize, Green gram, Gram	--	--	0	1	0	6	0	3	0	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Low cost diet preparation from cereals and pulses	01	IS	02	On	0	2	0	9	0	9	0	20	20

FLD-7

Crop : Cauliflower
Thrust Area : Nutrient management
Thematic Area : INM
Season : Rabi-2019-20
Farming Situation : Irrigated, medium land, Rice-vegetable

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Cauliflower	1 ha	STBF+ seed treatment with Arka Microbial	Curd weight, g, Curd size, cm, Cost of	Arka Microbial Consortium	85400	68200	1	0	5	0	4	0	10	0	10

			Consortium @10gm/100gm seed +soil application with 5kg AMC mixed with 500kg FYM	intervention. Additional income over additional investment, Yield (kg/ha), B:C ratio	, AMC											

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Micronutrient management in cauliflower	01	F&FW	01	Off	4	0	17	0	4	0	25	0	25
Field day	Field day on cauliflower	01	F&FW	01	Off	3	0	22	3	20	2	45	5	50

FLD-8

Crop : Capsicum
Thrust Area : Introduction of high value vegetables
Thematic Area : High value crop
Season : Rabi-2019-20
Farming Situation : Irrigated, medium land, Rice-vegetable

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Capsicum	0.4 ha	Variety- Indra Growing medium- Soil-FYM-Composted coir Pith-2:1:1	No. of fruits/plant,Fruit weight, g,No. of branches/plant, Cost of intervention. Additional	Capsicum seedling, variety Indra	91000	70000	0	0	5	0	5	0	10	0	10

			Fertilizer application Basal NPK 50kg/ha straight Fertilizer	income over additional investment, Yield (kg/ha), B:C ratio												

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Management practices of capsicum	01	F&FW	01	Off	0	0	25	0	0	0	25	0	25
Field day	Field day on capsicum	01	F&FW	01	Off	5	0	23	2	17	3	45	5	50

FLD-9

Crop : Vegetables
Thrust Area : Storage
Thematic Area : Post-harvest management
Season : Rabi,2019-20
Farming Situation : Homestead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Vegetables	1	Storing the vegetable in cool storage chamber which maintains temperature at chamber 5-7 degree	Weight loss (gm/day), rotting percentage (%), Cost of intervention. Additional	Solar operated low capacity cool chamber	20000	--	1	0	6	0	3	0	10	0	10

			lower than the atmospheric and moisture content within 80-90 % for short term extension of storing period	income over additional investment, Yield, B:C ratio												

FLD-10

Crop : Vegetables & fruits
Thrust Area : Nutritional security
Thematic Area : Kitchen garden
Season : Year round
Farming Situation : Backyard- fruits & vegetable gardening utilising kitchen waste and household water sources (dug well / tube well / household wastewater)

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Vegetables & fruits	5	Growing vegetables round the year covering leafy vegetables, Solanaceous vegetables, Roots and Tubers, cucurbits suiting to consumption pattern + Two Papaya Plants, One Lemon, one drumstick and two Banana and floriculture in bunds	Consumption of vegetables/day, Availability of vegetable/day	Vegetable seedlings, fruit saplings, Traily structure with PP rope, cement ring tank for vermi composting, Protray for raising seedlings	8000	2000	0	1	0	6	0	3	0	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Planning and layout of nutritional garden	01	F&FW	02	Off	0	2	0	17	0	6	0	25	25
Field day	Field day on kitchen garden	01	F&FW	01	Off	0	5	0	30	0	15	0	50	50

FLD-11

Crop : Mushroom
Thrust Area : Value addition
Thematic Area : Value addition
Season : Rabi,2019-20
Farming Situation : Home stead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Mushroom	10	Value addition of Oyster mushroom for more income	Shelf life (Days), Cost of intervention. Additional income over additional investment, B:C ratio	Oyster mushroom, Dryer	--	--	0	1	0	6	0	3	0	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Value addition in oyster mushroom	01	RY	02	On	0	1	0	12	0	2	0	15	15

FLD-12

Crop : Honeybee
Thrust Area : Additional income through bee keeping
Thematic Area : Bee keeping
Season : Year round
Farming Situation : Backyard

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Honeybee	10	Scientific beekeeping with *Apisceranaindica*	Honey production per box/year, kg	Honeybee box, colony and other accessories	8000	2000	0	0	0	8	0	2	0	10	10

FLD-13

Crop : All crop
Thrust Area : Technology dissemination
Thematic Area : ICT
Season : Year round
Farming Situation : --

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	All crop	50	Production packages will be divided into different segments and short videos will be produced and disseminated through	Understanding the method and process depicted in the video Retention of the message, Change in attitude Change in perception on expected behavioural control Application of the	--	--	--	10	5	15	5	10	5	0	35	15

			WhatsApp	message												

Case Study

Title: Consumer preference study for various vegetables in the district

Expected output: Result of the study will help the farmers to plan market led production for better price and will enable the KVK for utilizing farmers' preference in selection of varieties for KVK intervention

Identified vegetables: Brinjal, cauliflower, Cucumber, Bitter gourd, Okra

Sl.No.	Name of the Vegetable	Parameters to be studied	Highly preferred	Moderately preferred	Less preferred
1	Brinjal	Colour: (Green/Black/Purple/ White)			
		Size: (Large/ Medium/ Small)			
		Shape: (Elongated/ Round/ Oval/ Oblong)			
		With thorn/ thorn less			
		Preference for specific production pockets			
2	Cauliflower	Colour: (Green/Black/White)			
		Size:(Large/ Medium/ Small)			
		Shape: (Round/Slender/ Medium robust)			
		Pungency			
		Aroma			
		Preference for specific production pockets			
3	Cucumber	Colour: (Green/ White)			
		Size: (Large/ Medium/Small)			
		Texture: (Smooth/Fine)			
		Preference for specific production pockets			
4	Bittergourd	Colour: (Dark green/ Green/ White)			
		Size: (Large/ Medium/Small)			
		Firm spine/ smooth spine			
		Preference for specific production pockets			
5	Okra	Colour: (Green/ Dark green/ Violet)			
		Size: (Large/ Medium/Small)			
		Soft/Hard			
		Preference for specific production pockets			

5. a) Seed and planting material productionby utilization of instructional farm (Crops / Enterprises)

Name of the Crop / Enterprise	Variety / Type	Period From…… to …….	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	Pratiskya	July-19 to Dec-19	2.0	FS	60	1,60,000.00	1,86,000.00	26,000.00
	Manaswini	July-19 to Dec-19	1.0	FS	30	80,000.00	93,000.00	13,000.00
Brinjal	Swarna Shakti, VNR-22	July-19 to Oct-19	1500 nos.	Seedling	1500 nos.	1,000.00	1,500.00	500.00
	Green star, VNR-05	Oct-19 to Dec-19	10000 nos.	Seedling	10000 nos.	6,000.00	10,000.00	4,000.00
Tomato	Swarna Sampad	July-19 to Oct-19	1500 nos.	Seedling	1500 nos.	1,000.00	1,500.00	500.00
	ArkaRakshyak, Arka Samrat	Oct-19 to Dec-19	15000 nos.	Seedling	15000 nos.	9,000.00	15,000.00	6,000.00
Cauliflower	Atisighra, NS-60, NS-61	June-19 to Aug-19	500 nos.	Seedling	500 nos.	300.00	500.00	200.00
	Deepa, Amaze	Oct-19 to Dec-19	5000 nos.	Seedling	5000 nos.	3,000.00	5,000.00	2,000.00
Chilli	Utkal Ava	Sept-19 to Dec-19	2000 nos.	Seedling	2000 nos.	1,000.00	2,000.00	1,000.00
Cabbage	Rareball, Harekrishna	Oct-19 to Dec-19	3000 nos.	Seedling	3000 nos.	1,500.00	3,000.00	1,500.00
Capsicum	Bharat	Oct-19 to Dec-19	10000 nos.	Seedling	10000 nos.	6,000.00	10,000.00	4,000.00
Papaya	Red lady	Sept-19 to Dec-19	1500 nos.	Seedling	1500 nos.	20,000.00	30,000.00	10,000.00
Mushroom	Paddy straw	July-19 to Nov-19	50 kg	Mushroom	50 kg	2,500.00	6,000.00	3,500.00
	Oyster	Dec-19 to march-20	70 kg	Mushroom	70 kg	3,500.00	7,000.00	3,500.00

b) Village Seed Production Programme

Name of the Crop / Enterprise	Variety / Type	Period From…… to …….	Area (ha.)	No. of farmers	Details of Production				
					Type of Produce	Expected Production(q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)

6. Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	06	217	83	300	80	5	3	8	222	86	308
2.	KisanMela	01	150	50	200	85	3	2	5	153	52	205

3.	KisanGhosthi	01	25	0	25	90						25
4.	Exhibition	01	150	50	200	85	3	2	5	153	52	205
5.	Film Show	10	130	20	150	80						150
6.	Method Demonstrations	05	40	10	50	90						50
7.	Farmers Seminar	02	50	0	50	70	4	2	6	54	2	56
8.	Workshop	01	45	5	50	75	3	2	5	48	7	55
9.	Group meetings	50	410	90	500	85						
10.	Lectures delivered as resource persons	10										
11.	Advisory Services	06										
12.	Scientific visit to farmers field	60	450	150	600	85						600
13.	Farmers visit to KVK	1000	730	270	1000	75						1000
14.	Diagnostic visits	10	30	10	40	80						40
15.	Exposure visits	01										
16.	Ex-trainees Sammelan	01	20	05	25	85						25
17.	Soil health Camp	01	25	0	25	80						25
18.	Animal Health Camp	02	30	20	50	95						50
19.	Agri mobile clinic											
20.	Soil test campaigns	01	20	5	25	90						25
21.	Farm Science Club Conveners meet	00										
22.	Self Help Group Conveners meetings	01	0	100	100	90						100
23.	MahilaMandals Conveners meetings											
24.	Celebration of important days (specify)	03	100	50	150	80	3	3	6	103	53	156
25.	Sankalp Se Siddhi											
26.	Swatchta Hi Sewa	01	25	5	30	85						30
27.	MahilaKisanDiwas	01	0	50	50	90	0	2	2	0	52	52
28.	Any Other (Specify)											
	Total											**3175**

7. Revolving Fund (in Rs.)

Opening balance of 2019-2020 (As on 01.04.2019)	Amount proposed to be invested during 2019-2020	Expected Return
1,48,630	2,00,000	3,00,000

8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
CSISA	ICAR	1,60,000.00

VATICA	ICAR	31,00,000.00
Mission Shakti	Govt. of Odisha	10,00,000.00
KSHAMATA	ICAR	50,00,000.00
RKVY	Govt. of Odisha	2,50,00,000.00

9. On-farm trials to be conducted*

OFT-1

Season	Kharif, 2019
Title of the OFT	**Assessment on management of Fall army worm in maize**
Thematic Area	Integrated pest management
Problem diagnosed	Low yield due to severe Fall Army Worm attack as a sporadic pest
Important Cause	No suitable location specific technology available to control FAW
Production system	Maize-fallow
Micro farming system	Rainfed, Upland
Technology for Testing	TO1: Azadirachtin - a botanical pesticide and T. Chilonis -an egg parasitoid TO2: *Beauveria bassiana* - a entomopathogenic fungi
Existing Practice	Spraying with Profenphos @ 1ltr. /ha after observation of pest infestation
Hypothesis	TO_1: Azadirachtin is a botanical pesticide used as repellant, anti-feedant and reduces the fecundity and T. Chilonis is used as egg parasitoid TO_2: *Beauveria bassiana* is aentomopathogenic fungi that causes white muscadine disease in insects which parasitizes the larva
Objectives	To find out suitable technology to control FAW in maize
Treatments	07
Farmers Practice (FP):	Spraying with Profenphos @ 1ltr. /ha
Technology option-I (TO-I)	Applying 5% active ingredient of Azadiractin, Release 20,000 *Trichogramma chilonis* parasite at 4-5 days interval in a week interval
Technology option-II (TO-II)	Applying *Beauveria bassiana* @ 400 gm/acr. Apply 1.5% Chlorpyrifos dust thickly in the field bund for avoiding migrating from one field to another field
Critical Inputs	Azadirachtin, *Trichogramma chilon*is (Tricho card) and *Beauveria bassiana*
Unit Size	1 ha
No of Replications	7
Unit Cost	Azadirachtin- Rs 400/ lit, Tricho card- Rs. 100/ card and Beauveria bassiana- Rs 100/ lit
Total Cost	Azadirachtin (3 lit)- Rs 1200+ Tricho card (15- 25 nos.)- Rs 2500+ Beauveria bassiana (3 lit)- Rs 300 (Grand total) = Rs 4000/-
Monitoring Indicator	% of pest infestation, No. of insect/plant, No. of plant infested /m2, Cost of intervention, Additional income over additional investment Yield (q/ha), B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please	OUAT, 2017

specify)	

OFT-2

Season	Kharif, 2019
Title of the OFT	**Assessment of planting methods by seed drills for plant population management in finger millet**
Thematic Area	Farm mechanization
Problem diagnosed	• Uneven plant stands in broadcasting • Labour scarcity and high labour requirement
Important Cause	No suitable mechanization technology available for planting
Production system	Finger millet-fallow
Micro farming system	Rainfed, Upland
Technology for Testing	**T O_1**- Bullock drawn seed cum fertilizer drill, 3 row, Capacity-0.1 ha/h, Line sowing **T O_2**-Tractor drawn seed cum fertilizer drill, 9 row, Capacity-0.35 ha/h, Line sowing
Existing Practice	Manual broad casting and random transplanting
Hypothesis	Tractor drawn seed drill reduces labour cost by 40-50 % for line sowing
Objectives	To reduce the cost of cultivation and to mitigate the labour scarcity during sow time
Treatments	07
Farmers Practice (FP):	Manual broad casting
Technology option-I (TO-I)	**T O_1**- Sowing by bullock drawn 3 row seed cum fertilizer drill
Technology option-II (TO-II)	**T O_2**-Sowing by tractor drawn seed cum fertilizer drill
Critical Inputs	-
Unit Size	1 ha
No of Replications	7
Unit Cost	Hiring cost of tractor with seed drill@800 per hour(Rs400/ per replication)
Total Cost	400x7 =Rs2800/-+Rs5000/-(Transportation of bullock drawn seed drill from Bhubaneswar to farmers field) i.e. G Total=Rs7800/-
Monitoring Indicator	AFC (h/ha), Fuel consumption (l/h), Cost of operation (Rs/ha) Cost of intervention, Additional income over additional investment Yield (q/ha), B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	AICRP on UAE, CAET, OUAT,2017 AICRP on FIM, CAET, OUAT, 2013
Season	Rabi, 2019-20

OFT-3

Title of the OFT	**Assessment of different planting time for better market price of tomato**
Thematic Area	Market led extension
Problem diagnosed	Distress sale of tomato in Rabi season

Important Cause	Bumper production during on-season
Production system	Rice-Vegetable
Micro farming system	Irrigated, Medium land
Technology for Testing	**TO_1**-Advancing of planting time by 15 days **TO_2**-Delaying of planting time by 15 days
Existing Practice	Farmers generally plant the seedling in the month of December
Hypothesis	**TO_1**-Advancing of planting time by 15 days to help in capturing higher market price in initial period **TO_2**-Delaying of planting time by 15 days to help in capturing higher market price
Objectives	To find out suitable planting time to avoid distress sale
Treatments	07
Farmers Practice (FP)	Planting the seedling in the month of December
Technology option-I (TO-I)	Advancing of planting time by 15 days
Technology option-II (TO-II)	Delaying of planting time by 15 days
Critical Inputs	Tomato seedling
Unit Size	0.4 ha
No of Replications	7
Unit Cost	Tomato seeding – Rs. 1500/-
Total Cost	Rs. 10,500/-
Monitoring Indicator	Plant height (cm), No. of fruits/plant, Fruit weight (g), Disease & pest incidence, Market price, Yield/ha, B:C ratio &Economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	OUAT, 2016

OFT-4

Season	Rabi, 2019
Title of the OFT	**Assessment of drip and fertigation for enhancing yield and water productivity in cow pea**
Thematic Area	Micro irrigation
Problem diagnosed	Low yield due to improper water and fertilizer management
Important Cause	Loss of water and nutrients in conventional method of irrigation
Production system	Vegetable-vegetable
Micro farming system	Irrigated, Upland
Technology for Testing	**T O_1**- Application of water through dripper (4L/H) at root zone of the plant and application of 100% STBF in soil **T O $_2$**-Application of water and 100% STBF through dripper (4L/H) at root zone of the plant
Existing Practice	Surface flood irrigationand injudicious application of fertilizer in soil
Hypothesis	Fertigation enhances fertilizer use efficiency by 40-60% hence recommended dose of fertilizers may be reduced proportionally. Drip irrigation leads to moisture content around above field capacity hence may promote leaching of

	nutrients.
Objectives	For water conservation, improvement in productivity
Treatments	07
Farmers Practice (FP):	Surface flood irrigation+ 100% RDF
Technology option-I (TO-I)	Drip +100 % STBF (Soil application)
Technology option-II (TO-II)	Drip +100 % STBF (Fertigation)
Critical Inputs	Seeds and liquid fertilizer
Unit Size	0.4 ha
No of Replications	7
Unit Cost	Rs. 1570/-
Total Cost	Cost of seed @Rs1000/per kg x5 kg=Rs5000 &cost of water soluble fertilizer @Rs200/per kgx30 kg=Rs6000/-.G.Total=5000+6000=11000
Monitoring Indicator	Cost of operation (Rs/ha), Saving of water (%), Saving of fertilizer (%), Cost of intervention (Rs/ha), Additional income over additional investment (Rs/ha), Yield (q/ha), B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	IIWM Bhubaneswar,2017

OFT-5

Season	Kharif, 2019
Title of the OFT	**Assessment of scrambled straw as substrate for paddy straw mushroom**
Thematic Area	Mushroom production
Problem diagnosed	Increased cost of unscrambled paddy straw due to its low availability
Important Cause	Extensive use of combine harvester and axial flow thresher
Production system	Mushroom
Micro farming system	Backyard/homestead
Technology for Testing	**TO_1**-Scrambled paddy straw, soaking water 8 hrs, paddy straw 7kg, pulse power 3% **TO_2**-Scrambled paddy straw, soaking water 6 hrs, paddy straw 7kg, pulse power 3%
Existing Practice	Mushroom production by using unscrambled threshed paddy straw with normal practices of soaking of 7 kg straw in water for 8hrs, bed preparation with addition of spawn and pulse power (3%)
Hypothesis	**TO_1**-Scrambled paddy straw with 8 hrs soaking period may give less yield but may solve the problem of its unavailability **TO_2**-Scrambled paddy straw with 6 hrs soaking period may give higher yield than TO_1. It may also solve the problem of the unavailability of straw
Objectives	To find out the suitability of scrambled paddy straw for mushroom production
Treatments	07
Farmers Practice (FP)	Mushroom production by using unscrambled paddy straw (soaking in water 8 hr)
Technology option-I (TO-I)	Mushroom production by using scrambled paddy straw (soaking in water 8 hr)
Technology option-II (TO-II)	Mushroom production by using scrambled paddy straw (soaking in water 6hr)

Critical Inputs	Mushroom spawn, polythene, pulse powder
Unit Size	10 bed
No of Replications	7
Unit Cost	Rs.500.00
Total Cost	Rs. 3,500/-
Monitoring Indicator	Pin head appearance (Day), Days of harvesting, Biological efficiency (%), Yield kg/bed , B.C ratio, Farmers feedback
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	KVK, Keonjhar,2014

OFT-6

Season	Rabi, 2019-20
Title of the OFT	**Assessment of value addition of finger millets for more income**
Thematic Area	Value addition
Problem diagnosed	Low profit from produced due to distress marketing
Important Cause	No suitable technology for value addition
Production system	Finger millet-fallow
Micro farming system	Home stead
Technology for Testing	**TO_1**-Preparation of millet cake, **TO_2**-Preparation of millets ladu, **TO_3**-Preparation of millet extruded snacks
Existing Practice	Preparation of kheer or selling raw ragi seeds
Hypothesis	**TO_1**-Higher market price by selling millet cake with Keeping quality 1 week **TO_2**-Higher market price by selling millets laduwith Keeping quality 1month **TO_3**-Higher market price by selling millet extruded snacks with Keeping quality 3 months
Objectives	To earn more profit from finger millet cultivation by adding value to the product
Treatments	07
Farmers Practice (FP)	Selling raw ragi seeds
Technology option-I (TO-I)	Preparation of millet cake by using ghee/ oil sugar, egg, finger millet flour, vanilla essence, baking powder, then bake in oven drying 180 degree centigrade
Technology option-II (TO-II)	Preparation of millets ladu by using finger millets flour, sugar powder, ghee, dry fruits & cardamom
Technology option-III (TO-III)	Preparation of millet extruded snacks by using rice flour, finger millet flour, wheat flour, corn flour, salt, Hing, sesame
Critical Inputs	Ghee/ oil sugar, egg, finger millet flour, vanilla essence, baking powder, dry fruits & cardamom, wheat flour, corn flour, salt, Hing, sesame
Unit Size	1 kg
No of Replications	7
Unit Cost	Rs.1000.00
Total Cost	Rs. 7,000/-
Monitoring Indicator	Shelf life(Day), organo- leptic test, Yield (conversion ratio), Cost of input, Incremental income, Net return, B.C ratio
Source of Technology (ICAR/ AICRP/	IIMR-2017

SAU/ Other, please specify)	

10. List of Projects to be implemented by funding from other sources (other than KVK fund)

Sl. No.	Name of the project	Fund expected (Rs.)
1.	CSISA	1,60,000.00
2.	VATICA	31,00,000.00
3.	Mission Shakti	10,00,000.00
4.	KSHAMATA	50,00,000.00
	RKVY	2,50,00,000.00

11. No. of success stories proposed to be developed with their tentative titles

Sl. No.	Tentative title
1.	Off season vegetable cultivation
2.	Mechanization in DSR

12. Scientific Advisory Committee

Date of SAC meeting held during 2018-19	Proposed date during 2019-2020
11.03.2019	30.07.2019

13. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC distributed
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F	T		
Soil Samples	100	20	0	280	25	150	25	450	50	500	10	500
Water Samples												
Other (Please specify)												
Total	100	20	0	280	25	150	25	450	50	500	10	500

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2019	Expectedfund requirement (Rs.)
Travelling Allowance	70,000.00	1,50,000.00
Contingencies		
Stationary, telephone, postage & other exp. on office running, publication of news paper	40,000.00	70,000.00
POL, repair of vehicles, tractor and equipment		
Training of farmers		
Meals/ refreshment of trainees		60,000.00
Training Materials (need based materials and equipment for conducting the training)	30,000.00	
Training on extension functionaries		
On-farm testing	20,000.00	40,000.00
FLD except oilseeds and pulses.	10,000.00	30,000.00
TSP contingencies	10,000,00.00	12,00,000.00
Total	**11,70,000.00**	**14,00,000.00**

* Any additional requirement may be suitably justified.

15. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data