REVISED PROFORMA FOR ACTION PLAN 2019-2020

1. Name of the KVK:

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2.Name of host organization :

Address	Telephone		E mail
	Office	**FAX**	
Odisha University of Agriculture & Technology, Bhubaneswar- 751003	91-674-2397700	91-674-2397780	deanextension.ouat@gmail.com **deanextensionouat@yahoo.com** deanextension_ouat@rediffmail.com

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

(a) Farmers and farmwomen

Thematic Area	Title	No of training	Duration	On / Off campus	No of participants					
					SC	ST	Others	M	F	Total *
I Crop Production										
INM	Use of Neem Coated urea medium land paddy	1	1	Off						30
INM	Using of Soil Health card for N fertilizer recommendation	1	1	Off						30
INM	Use and efficacy of Neem coated urea in transplanted paddy	1	1	Off						30
IPM	Stem borer management in paddy	1	1	Off						30
IPM	Management of FAW in Maize	1	1	Off						30

ICM	Post emergence application herbicides technique in transplanted Paddy	1	1	Off						30
ICM	Different cropping pattern technique of medium duration rice varieties	1	1	Off						30
Income Generation Activity	Backward poultry rearing for income generation	1	2	ON						30
Income Generation Activity	Mushroom production technique	1	2	ON						30
ICM	Post harvest loss management in paddy and quality seed production	1	1	Off						30
IDM	YMV management in Greengram	1	2	ON						30
II Horticulture										
HOV	Bio-fertilizer application in vegetables	1	1	OFF						30
IPM	Management of DBM in Cabbage and Cauliflower	1	1	OFF						30
IDM	Wilt Management in Brinjal and Tomato	1	1	OFF						30
HOV	Cultivation of High Value Crops like Capsicum in protected condition	1	1	OFF						30
III Soil Health and Fertility Management										

Soil Management	Soil Sample collection technique	1	1	Off							30
Soil Management	Importance of soil testing and soil sample collection technique	1	1	Off							30
Soil Management	Gypsum application in Groundnut	1	1	ON							30
Soil Management	Management of Acid Soil and use of PMS	1	1	On							30
Soil Management	Deficiency symptoms of soil micronutrient & their management in Maize	1	1	Off							30
IV Livestock Production and Management											
Income Generation Activity	Backward poultry rearing for income generatiom	1	2	ON							30
Pisciculture	Pond management and FEED management for pisciculture	1	1	OFF							30
V Agricultural Engineering											
VI Home science											
Income generation activity	Oyster Mushroom cultivation	**1**	**1**	**On**							**30**
Drudgery Reduction	Use of farm women friendly agricultural implements for drudgery reduction	**1**	**1**	**On**							**30**
Safe Storage of food grains	Storage of food grains to reduce post harvest loss	**1**	**1**	**Off**							**30**

VII Agricultural extension											
VII. Plant Science											
Seed Production	Scientific method of green gram seed production	1	1	Off							30
Seed Production	Quality seed production in Paddy	1	1	Off							30
IPM	Management of sucking pests in In Green Gram.	1	1	Off							30
IPM	YMV management in Okra	1	1	Off							30
HOV	Raising of vegetable seedling in low cost poly house/net house	1	1	Off							30
INM	Importance of bio-fertilizer in Pulse Crop	1	1	On							30
INM	Seed treatment in Ground nut and Green gram	1	1	Off							30
PLP	Management of Blast on Rice	1	1	Off							30
VIII. Fishery											
FIS	Composite fish culture & fish disease										

(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**
ICM	Green Manuring in paddy	1	2	On										30

INM	Integrated Nutrient management in transplanted Paddy	1	2	On										30
Income Generation Activity	Scientific rearing of poultry breed Kadaknath for income generation	1	2	On										30
Planting material Production	Quality planting materials production in vegetable crop	1	2	On										30
CBD	Market led extension	1	2	On										30
CBD	Formation and management of FPO.	1	2	On										30
Safe Storage	Seed packaging, handling and safe storage of pulse seed	1	2	Off										30

(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
ICM	Package and practices of Oilseed production	1	2	On										20
CBD	Gender mainstreaming through SHGs	1	2	On										20
CBD	Reforms in extension system model	1	2	On										20
CBD	Value chain analysis of major cash crops and vegetables	1	2	On										20
PIS	Quality seed Production in Cereals and Seed quality testing	1	2	On										20
AEG	Use of Micro irrigation system in Vegetables and fruit crops	1	2	On										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													

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
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
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													

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
Micro irrigation systems of orchards													
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													
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													

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
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural 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
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
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 fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													

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
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
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													
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													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													

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													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL													

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													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													

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
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL													

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													

Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL													

4. Frontline demonstration to be conducted*-1

1 .Crop: Paddy
Thrust Area: varietal Substitution
Thematic Area: ICM
Season: Kharif - 2019
Farming Situation: Irrigated low land

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 Var - **Hasanta**	2.0 ha	Rice Var- Hasanta , a high yielding paddy variety with STBR	Pest population / hill, Yield /ha, B:C ratio	Seed									8	2	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	ICM in Paddy	1	PF/FW	1	On							30	0	30
Field day	Performance of Hasanta	1	PF/FW	1	OFF							40	10	50

Frontline demonstration to be conducted*-2

Crop: Paddy
Thrust Area: IPM for Stem Borer Management
Thematic Area IPM
Season: Kharif - 2019
Farming Situation: Irrigated Medium land

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 Var- MTU 1001	2.0 ha	Nursery treatment with Cartap hydrochloride 4G @ 0.8 kg a.i. per ha + alternate spraying of neem oil 3000ppm (3 ml/ liter)and indoxacarb 18.5 SL @1 ml/lit at 55 DAT +T. chilonis @ 50,000/ha twice 7 days after spraying	Pest population / hill, Yield /ha, B:C ratio	Cartap hydrochloride , neem oil, indoxacarb And T. chilonis									5	5	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	IPM in Transplanted paddy	1	PF/FW	1	On							30	0	30

Frontline demonstration to be conducted*-3

Crop: Paddy
Thrust Area: Weed management
Thematic Area: IWM
Season: Kharif - 2019
Farming Situation: Irrigated medium land

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	Paddy, var MTU 1001	2.0 ha	Pre emergence application of Bensulfuran (0.60)% Gr+ Pretilachlor (6%)Gr @10 kg/ha at 3-7 DAT +one hand weeding at 30 DAT	Weed Biomass, WCE, No of tillers/ hill, panicle length, Yield, B: C Ratio	Bensulfuran (0.60)% Gr+ Pretilachlor (6%)Gr									5	5	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	Weed management transplanted paddy	1	PF/FW	1	On							30	0	30

Frontline demonstration to be conducted-4

Crop: Brinjal
Thrust Area: Bio- Control of Brinjal fruit and shoot borer
Thematic Area: IPM
Season: Rabi ,2019-20
Farming Situation: Irrigated Up land

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	Brinjal, Blue star	1.0 ha	Seedling planted with Neem cake @200kg/ha ,plucking of infested twigs /branches and fruits regularly before spraying with Neem oil4ml/lit, Pheromone traps 25no/ha ,weekly release of T. chilonis @50,000/ha and spraying of Bt @ 2ml/lit at 10 days interval .	Weed Biomass, WCE, No of tillers/ hill, panicle length, Yield, B: C Ratio	Neem cake. Neem oil, Pheromone trap and T. chilonis and Bt									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
Field day	Release of Bio agents and its efficacy	1	PF/FW	1	OFF							30	0	30

Frontline demonstration to be conducted-5

Crop: Ground nut
Thrust Area: Weed management
Thematic Area: IWM
Season: Rabi ,2019-20
Farming Situation: Irrigated Up land

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	G Nut Var. Devi	2.0 ha	**Application of Imazethapyr 10 % S.L. @ 750-1000 ml /ha as post emergence spray with 500 lit of water at 10 DAS with one hand weeding at 30 DAS** .	Weed Biomass, WCE, nos of pods/plant Yield, B: C Ratio	Neem cake. Neem oil, Pheromone trap and T. chilonis and Bt									5	5	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
Field day	Weedicide application in G nut	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-6

Crop: Aromatic rice
Thrust Area: Weed management
Thematic Area: IWM
Season: Rabi ,2019-20
Farming Situation: Irrigated Up land

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	Paddy Var. **"Nua-Kalajeera"**	1.0 ha	**Aromatic rice variety "Nua- Kalajeera"** .	Height of plant, No. effective tillers/hill, Test weight, Yield/ha, B:C ratio ,	Seed of Nua Kalajeera									5	5	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
Field day	Yield at crop cutting	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-7

Crop: Tomato
Thrust Area: Varietal replacement
Thematic Area: ICM
Season: Rabi ,2019-20
Farming Situation: Irrigated Up land

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	**Tomato variety "Arka Samrat**	1.0 ha	**Tomato variety "Arka Samrat"**	Height of plant, No. of fruits/plant, Fruit weight, Yield/plant, Yield/ha, B:C ratio	Seed of **Tomato variety "Arka Samrat"**									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	Tomtato wilting mamgement	1	PF/FW	1	ON							25	5	30
Field day	Yield at crop harvest	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-8

Crop: Sweet Corn
Thrust Area: Varietal replacement
Thematic Area: ICM
Season: Rabi ,2019-20
Farming Situation: Irrigated Medium land

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	Sweet Corn , var – Sugar-75	1.0 ha	**Sweet corn var Sugar 75 with need based plant protection measure**	Height of plant, Cob weight, Yield/ha, B:C ratio	**Sweet corn var Sugar 75** **Need based PP chemicals**									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	ICM on sweet corn cultivation and plant protection measures	1	PF/FW	1	OFF							25	5	30
Field day	Yield at crop harvest	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-9

Crop: Brinjal
Thrust Area: Varietal replacement
Thematic Area: ICM
Season: Rabi ,2019-20
Farming Situation: Irrigated Medium land

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	**Brinjal variety "Swarna Mani"**	1.0 ha	**- Demonstration of Brinjal variety "Swarna Mani"**	ht. of plant, No. of branches/plant, No. of fruits/plant, Yield/plant, Yield/ha, B:C ratio	**Seed-** **Brinjal variety Swarna Mani**									5	5	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
Field day	Yield at crop harvest	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-10

Crop: Capsicum
Thrust Area: Varietal replacement
Thematic Area: ICM
Season: Rabi ,2019-20
Farming Situation: Irrigated Medium land

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 variety "California Wonder"**	1.0 ha	**Demonstration of Capsicum variety "California Wonder"**	ht. of plant, No. of branches/plant, No. of fruits/plant, Yield/plant, Yield/ha, B:C ratio	**Seed- Capsicum variety "California Wonder**									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	Cultivation of High Vale vegetable – Capsicum	1	PF/FW	1	OFF							30	0	30
Field day	Yield at crop harvest	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-11

Crop / Enterprise- Duckery
Thrust Area: Breed replacement
Thematic Area: LPM
Season: Rabi ,2019-20
Farming Situation: Irrigated Medium land

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	Ducks, white Pekin	100	Rearing of White Pekin ducks for meat production	Body weight at 2 months, Net income, BC ratio	Ducks, White Pekin									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
Exposure Visit	After 2 month of Rearing	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-12

Crop : Banana
Thrust Area: Variety replacement
Thematic Area: HOV
Season: Kharif 2019
Farming Situation: Irrigated Up land

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	Tissue culture banana Var-Bantal	0.5 ha	Demonstration on tissue culture banana Var- Bantal	No of fingers\ hand wt of bunch B: C ratio	Plantlet - tissue culture banana Var-Bantal									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
Exposure Visit	At the time of fruiting and harvesting	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-13

Crop : Oyster mushroom
Thrust Area: Variety replacement
Thematic Area: WOE
Season: Rabi 2019-20
Farming Situation: Home stead land

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	Oyster mushroom sp. *Pleurotus eryngii*	100 nos 25 beds / farmer	**Demonstration on yield potential of Oyster mushroom sp. *Pleurotus eryngii***	Yield in kg /Bed , Time to fruiting B: C ratio	**Spawn**									5	5	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	Mushroom cultivation	1	PF/FW	1	ON							20	10	30
Exposure Visit	At the time of fruiting and harvesting	1	PF/FW	1	OFF							40	0	40

Frontline demonstration to be conducted-14

Crop/ Enterprise : Poultry
Thrust Area: Breed replacement
Thematic Area: LPM
Season: Rabi 2019-20
Farming Situation: Home stead land

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	**Poultry Kadaknath**	500 nos	**Rearing of backyard poultry (Kadaknath)** **21 days old birds, timely vaccination and supplementary feeding**	**Body wt in kg at 4month , Additional return (Rs/ha), B:C ratio**	**Poultry chicks Kadaknath**									10	40	50

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	Poultry rearing	1	PF/FW	1	ON							20	10	30
Exposure Visit	At the time of Four months age	1	PF/FW	1	OFF							20	30	50

Frontline demonstration to be conducted-15

Crop/ Enterprise : Farm implements
Thrust Area: Drudgery Reduction
Thematic Area: AEG
Season: Rabi 2019-20
Farming Situation: Home stead land

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	**Demonstration on farm Implements for Drudgery reduction**	Knapsack sprayer-25 , Maize Sheller -100, Improved sickle-100	**Demonstration on farm Implements for Drudgery reduction**	Efficiency and Economics	Knapsack sprayer , Maize Sheller Improved sickle									25	100	125

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	Use of implements	1	PF/FW	1	ON							20	10	30

Frontline demonstration to be conducted-16

Crop/ Enterprise : Pisciculture
Thrust Area: Composite Pisciculture
Thematic Area: FIS
Season: Kharif 2019
Farming Situation: Village GP Pond / Personal pond

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	**Piscicoulture . IMC**	10 nos	Stocking of advanced fingerlings (81-100 mm size) IMC (3:3:4) ratio total 6750 nos /ha	Yield, B: C ratio	advanced fingerlings of IMC											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	Pond and Feed management in Fish farming	1	PF/FW	1	OFF							30	0	30

* Repeat the above tables and information in Point no. 4 for EACH FLD being proposed.

2. a) Seed and planting material production by 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.)
Rice	MTU 1001	July to Nov	2.5	Seed (F)	35 q/ha	45,000/ha	80,000/ha	35,000/ha
Seedling	HYV vegetables	July to Sept	-	seedling	10,000 no	4000	12,000	8000
Vermin compost	-	Nov- Dec		Vermin compost	20.0 q	6000	16,000	10,000

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.)
Aromatic rice	Nua Kalajeera	July to Nov	1.0	10	Seed(C)	30.0	38000	60000	22000
Sesamum	GT-10	Sept- Jan	20.0	50	Seed(C)	100.0	3000,000	5000,000	200,000

3. Extension Activities

Sl.	Activities/ Sub-activities	No. of activities	Farmers	Extension Officials	Total

No.		proposed	M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	6										300
2.	KisanMela	2										500
3.	KisanGhosthi	15										360
4.	Exhibition	5										1000
5.	Film Show	10										500
6.	Method Demonstrations	8										250
7.	Farmers Seminar	2										100
8.	Workshop	1										50
9.	Group meetings	20										400
10.	Lectures delivered as resource persons	10										500
11.	Advisory Services	45										
12.	Scientific visit to farmers field	25										500
13.	Farmers visit to KVK	160										1500
14.	Diagnostic visits	10										250
15.	Exposure visits	2										100
16.	Ex-trainees Sammelan	2										75
17.	Soil health Camp	2										150
18.	Animal Health Camp	1										200
19.	Agri mobile clinic											
20.	Soil test campaigns	1										100
21.	Farm Science Club Conveners meet											
22.	Self Help Group Conveners meetings	1										30
23.	MahilaMandals Conveners meetings	1										30
24.	Celebration of important days World soil health day, AkhyaTritya, University FoundationDay, Agriculture EduactionDay World meteorological Day (specify)	5										800

25.	Sankalp Se Siddhi	1										250
26.	Swatchta Hi Sewa	10										600
27.	Mahila Kisan Diwas	1										50
28.	Any Other (Specify)											
	Total	346										8595

4. Revolving Fund (in Rs.)

Opening balance of 2019-2020 (As on 01.04.2019)	Amount proposed to be invested during 2019-2020	Expected Return
	120,000	**250,000**

5. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
ASCI	**Skill council Of India**	**3.3**
ATMA	**ATMA**	**1.5**

9. On-farm trials to be conducted*

i. Season:
ii. Title of the OFT:
iii. Thematic Area:
iv. Problem diagnosed:
v. Important Cause:
vi. Production system:
vii. Micro farming system:
viii. Technology for Testing:
ix. Existing Practice:
x. Hypothesis:
xi. Objective(s):
xii. Treatments:
Farmers Practice (FP):
Technology option-I (TO-I):
Technology option-II (TO-II): and so on……
xiii. Critical Inputs:
xiv. Unit Size:
xv. No of Replications:
xvi. Unit Cost:
xvii. Total Cost:
xviii. Monitoring Indicator:
xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):

*Repeat the same format for EACH OFT being proposed.

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	IRRI Trials	35000
2	ATMA	150000

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

a. **Millet production by Rainfed farmers**
b. **Doubling farmer's Income through pond based IFS**

12. Scientific Advisory Committee

Date of SAC meeting held during 2018-19	Proposed date during 2019-2020
7.2.19	18.9.19

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	250	50	20	20	20	80	60	150	100	250	25	2000
Water Samples												
Other (Please specify)												
Total												

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2019	Expected fund requirement (Rs.)
Pay and allowances	**46.0**	**50.0**
TA	**0.70**	**1.5**
Contingency (TSP)	**9.0**	**12.0**
Equipment and Furniture	**00**	**5.0**
Bore well	**00**	**1.5**
Works	**5.0**	**10.0**
Total	**60.7**	80.0

* 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

TECHNOLOGY HAVING WIDE ACCEPTABILITY AMONG THE FARMING COMMUNITY

SWEET CORN: A NEW AVENUE FOR TRIBALS

SWEET corn (*Zea mays var. saccharata*) also called sugar corn and pole corn is a variety of maize with high sugar content. Sweet corn is favourable for fresh consumption because of its delicious taste, soft and sugary texture compared to other corn varieties

KrishiVigyanKendra, Malkangiri popularized sweet corn var. "Sugar -75" through front line demonstration programmes in 2016-17 & 2017-18 and supplied seed of sweet corn to the farmers of the Malkangiri, Korkunda and Kalimela block under Tribal Sub Plan programme with technical guidance about sweet corn cultivation and market linkage support to the farmers.

By adopting the improved sweet corn cultivation the farmers are able to get as yield 22.000cobs per acre with good quality and size. By sailing the cobs in local markets @Rs. 5-6 per cob, they are getting gross return of Rs. 1,10,000/- with a net profit of Rs 65,000/- per acre. The demand of sweet corn is increasing gradually and farmers are interested to adopt sweet corn cultivation as a remunerative enterprise. The horizontal spread of the sweet corn cultivation has reached up to 180.0 acre in the district.

Sweet corn brings hope to tribal farmers