

REVISED PROFORMA FOR ACTION PLAN 2020

1. Name of the KVK:

Address	Telephone		E mail
KVK,Nabarangpur P.O-Badakumari,Umerkote Dist.-Nabarangpur,Odisha Pin-764073	06866270530	06866 27053 0	nabarangapurkvk@yahoo.co.in kvknabarangapur.ouat@gmail.com

2.Name of host organization :

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology,Bhubaneswar-751003,Odisha	0674-2397362	0674- 2397362	deanextensionouat@yahoo.com

3.Training programme to be organized (01.01.2020 to 31.12.2020)

(a) Farmers and farmwomen

Thematic area	Title of Training	No .	Duratio n	Venue	Tentative Date	No. of Participants								
						SC		ST		Othe r		Total		
						M	F	M	F	M	F	M	F	T
IWM	Integrated weed management in maize	1	1 day	OFF	15.07.2020	5	-	1	5	-	-	2	5	2
IWM	Integrated weed management in direct seeded rice	1	1 day	OFF	17.07.2020	5	-	1	5	-	-	2	5	2
IWM	Integrated weed management in transplanted rice	1	1 day	OFF	10.07.2020	5	-	1	5	-	-	2	5	2
ICM	Raising of paddy seedlings in nursery bed	1	1 day	OFF	05.06.2020	5	-	1	5	-	-	2	5	2
ICM	Improve package of practices of Cereals(Paddy,Maize)	1	1 day	OFF	07.05.2020	5	-	1	5	-	-	2	5	2

ICM	Improve package of practices of Pulse	1	1 day	OFF	15.04.2020	5	-	15	5	-	-	20	5	25
Vermitechnology	Production techniques of Vermicompost	1	1 day	OFF	10.05.2020	5	-	15	5	-	-	20	5	25
Organic Farming	Organic Farming	1	1 day	OFF	13.03.2020	5	-	10	5	5	-	20	5	25
Post-harvest technology	Post harvest loss management in Cereals & Pulse	1	1 day	OFF	25.11.2020	5	-	15	5	-	-	20	5	25
ICM	Scientific method of Oilseed cultivation	1	1 day	OFF	12.10.2020	5	-	15	5	-	-	20	5	25
ICM	Scientific method of millets cultivation	1	1 day	OFF	20.05.2020	5	-	15	5	-	-	20	5	25
IFS	Integrated Farming System	1	1 day	OFF	10.12.2020	5	-	10	5	5	-	20	5	25

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(b) Rural youths

Thematic area	Title of Training	No.	Duration	Venue	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
In come generation	Planting material production in Polly house	1	2 days	ON	10.09.2020	5	-	5	-	5	-	15	-	15
IFS	Pond based Integrated Farming System	1	2 days	ON	12.07.2020	5	-	5	-	5	-	15	-	15
Organic Farming	Organic Farming	1	2 days	ON	02.04.2020	5	-	5	-	5	-	15	-	15
Vermitechnology	Vermitechnology	1	2 days	ON	10.03.2020	5	-	5	-	5	-	15	-	15

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
IFS	Integrated Farming System	1	1 day	ON	05.04.2020	-	-	-	-	15	-	15	-	15
Organic Farming	Organic Farming	1	1 day	ON	07.05.2020	-	-	-	-	15	-	15	-	15

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	3	-	-	-	15	-	15	45	15	60	60	15	75
Weed Management													
Resource Conservation Technologies													
Cropping Systems	1	5	-	5	5	-	5	10	5	15	20	5	25
Crop Diversification													
Integrated Farming	1	5	-	5	5	-	5	10	5	15	20	5	25
Water management													
Seed production													
Nursery management	1	-	-	-	5	-	5	15	5	20	20	5	25
Integrated Crop Management	5	5	-	5	25	-	5	75	25	100	100	25	125
Fodder production													
Production of organic inputs	1	5	-	5	5	-	5	10	5	15	20	5	25
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													

Thematic Area	No. of Course s	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
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													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													

Thematic Area	No. of Course s	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
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														
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														

Thematic Area	No. of Course s	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
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														
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														

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				
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														
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	1	5	-	5	5	-	5	5	-	5	15	-	15	
Seed production														
Production of organic inputs	1	5	-	5	5	-	5	5	-	5	15	-	15	
Planting material production	1	5	-	5	5	-	5	5	-	5	15	-	15	
Vermi-culture	1	5	-	5	5	-	5	5	-	5	15	-	15	
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														

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			
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
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	1	15	-	15	-	-	-	-	-	-	15	-	15
Gender mainstreaming through SHGs													
Crop intensification	1	15	-	15	-	-	-	-	-	-	15	-	15
Others if any													
TOTAL													

4. Frontline demonstration to be conducted-1

Crop: Finger Millet

Thrust Area: Millet production

Thematic Area: Varietal substitution

Season: Kharif, 2020

Farming Situation: Rainfed Uplad

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	2 ha	Arjun (OEB-526), (Maturity duration 110 days and average yield 20.7q/ha. with moderate resistance to leaf, neck and finger blast and brown seed	No. of finger, No. of ear	Finger millet seed	20 kg seed-Rs. 1000/-	20 kg seed-Rs. 400	2	-	5	-	3	-	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

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

Front Line Demonstration-2

Crop: Green gram

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
2	Black gram	2 ha	Foliar application of 19: 19: 19 (NPK) @ 2%	No. of Pods/plant	Water soluble fertilizer N:P:K 19:19:19	20 kg- 2200/-	50 kg DAP- Rs. 1125/-	2	-	5	-	3	-	10	-	10

Front Line Demonstration-3

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		
3	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

Front Line Demonstration-4

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		
	Poultry Kadaknath	200 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	10	20

5. 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.)
Paddy	Sahabhagi	July to November	1.5 ha	Foundation	50 q	55000	135000	80000
Pigeon pea	PRG-176	June to December	3 ha	Foundation	15 q	60000	150000	90000

b) Village Seed Production Programme : N.A

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	12	240	360	600	100	4	1	5	244	361	605
2.	KisanMela	1	105	195	300	100	5	2	7	110	197	307
3.	KisanGhoshi	-	-	-	-	-	-	-	-	-	-	-
4.	Exhibition	1	150	120	270	100	10	2	10	160	122	282
5.	Film Show	20	252	378	630	90	5	2	7	257	380	637
6.	Method Demonstrations	-	-	-	-	-	-	-	-	-	-	-
7.	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
8.	Workshop	-	-	-	-	-	-	-	-	-	-	-
9.	Group meetings	15	140	185	325	95	5	2	7	145	187	332
10.	Lectures delivered as resource persons	36	855	1080	1935	75	52	9	61	907	1089	1996
11.	Advisory Services	15	125	35	160	100	6	2	8	131	37	168
12.	Scientific visit to farmers field	170	810	32	842	80	12	3	15	822	35	857
13.	Farmers visit to KVK	3250	2522	728	3250	70	22	7	29	2544	735	3279
14.	Diagnostic visits	172	1364	396	1760	60	24	5	29	1388	401	1789

15.	Exposure visits	2	12	0	12	90	3	0	4	25	0	25
16.	Ex-trainees Sammelan	3	60	15	75	85	5	2	7	65	17	82
17.	Soil health Camp	4	150	50	200	80	5	2	7	160	52	212
18.	Animal Health Camp	--	-	-	-	-	-	-	-	-	-	-
19.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
20.	Soil test campaigns	50	650	350	1000	70	15	5	20	665	355	1020
21.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
22.	Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
23.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
24.	Celebration of important days (specify)	5	135	115	250	75	12	5	17	147	120	267
25.	Sankalp Se Siddhi	--	-	-	-	-	-	-	-	-	-	-
26.	Swatchta Hi Sewa	36	375	345	720	80	15	7	21	390	352	742
27.	Mahila Kisan Diwas	01	0	50	50	85	2	2	4	2	52	54
28.	Any Other (Specify)											
	Total											

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

8. Expected fund from other sources and its proposed utilization:

Project	Source	Amount to be received (Rs. in lakh)

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 Trial	32000
2	ATMA	24000
3	BGREI	15800

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

Sl. No.	Titles	No. of success story
1	Pond based IFS	1
2	Papaya Cultivation	1
3	Drum stick Cultivation	1
4	Mushroom cultivation	1

12. Scientific Advisory Committee

Date of SAC meeting held during 2018-19	Proposed date during 2019-2020
16.11.2019	24.11.2020

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	300	120	-	240	-	160	-	500	-	500	25	500
Water Samples	-	-	-	-	-	-	-	-	-	-	-	-
Other (Please specify)												
Total	300	120	-	240	-	160	-	500	-	500	25	500

14. Fund requirement and expenditure (Rs.)*

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

Ground nut var. DEVI : A NEW AVENUE FOR TRIBAL

Ground nut var. Devi with high yield potential

KrishiVigyanKendra, Nabarangpur popularized this variety through Cluster front line demonstration programmes during 2018-19 and 2019-20 and supplied seed to the farmers of the block under Tribal Sub Plan programme with technical guidance about cultivation and market linkage support to the farmers.

By adopting the improved sweet corn cultivation the farmers are able to get as yield per acre with good quality and size. By sailing the cobs in local markets @Rs. 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 cultivation as a remunerative enterprise. The horizontal spread of the cultivation has reached up to 180.0 acre in the district.