

ANNUAL ACTION PLAN

2018-19

KVK, JAJPUR



OUAT, BHUBANESWAR

SUMMARY OF THE ACTIVITIES

Activity	Target	
	Number of activity	No. of farmers/ beneficiaries
OFTs	10	127
FLDs – Oilseeds (activity in ha) Groundnut	50	125
FLDs – Pulses (activity in ha)	60	150
FLDs	23	165
Training-Farmers and farm women	78	1950
Rural Youth	13	325
Vocational training	18	270
Training- Extension functionaries	13	195
Extension Activities	2075	14249
Seed Production (Number of activity as seeds in quintal)	180	-
Seedling Production (Number of activity as number of seedlings in numbers)	100000 nos.	50
Other Bio- products (No. of quantity)	60 qtl.	20
Live stock products (Poultry, fish)	5000 nos. 4 qtl.	
Activities of Soil and Water Testing Laboratory	1000	
Kisan Mobile Advisory (KVK-KMA)	156	23000
Literature to be Developed/Published	10	
Convergence programmes / Sponsored programmes	4	
Utilization of Farmers Hostel	2	
Utilization of Staff Quarters	2	
Crop Cafeteria-	12	
Farm Innovators- list of 10 farm innovators from the District	10	
Case study / Success Story to be developed	2	
KVK Progressive Farmers interaction	5	
Outreach of KVK in the District (No. of blocks, no. of villages)	Intensive:7/16 Extensive: 5/8	
KVK Ring	2	
Status of KVK Website	10	
Other Activities Mushroom production (qtl.)	4	

GENERAL INFORMATION

Sl. No	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pa y scale	Present pay	Date of joining
1	Senior Scientist & Head	Dr.(Mrs) Tilottama Pattnaik	Home Science	Ph.D	Human Resource Development	37,400-67,000	57,550	20.01.01
2	Scientist 1	Mr. Lalita Ku. Mohanty	Agronomy	M.Sc .Ag	Agronomy	15,600-39,100	24,850	12.08.88
3	Scientist 2	Mrs. Babita Mishra	Horticulture	M.Sc .Ag	Horticulture	15,600-39,100	23950	13.04.44
4	Scientist 3	MrsBijayalaxmiMohanta	Ag.Engg	Ph.D	Food Engg.	15,600-39,100	21390	12.02.2000
5	Scientist 4	Mr. Subhasis Dash	Soil Science	M.Sc. Ag	Soil Sc.	15,600-39,100	21390	11.03.33
6	Scientist 5	Mr. Subrata Ku. Panigrahi	Agril. Extension	M.Sc. Ag	Agril. Extension	15,600-39,100	24,850	21.08.88
7	Scientist6	Vacant	-	-		-	-	-
8	Programme Assistant	Dr. A.K. Das	Vety.Sc	MVSc	O&G	9,300-34,800	10130	23.1.55
9	Farm Manager	Mr. BipraCharan Swain	Agronomy	M.Sc. Ag	Agronomy	9,300-34,800	11940	27.03.33
10	Computer	Mrs. Sangita Panda	Computer	B.Sc.	Compute	9,300-34,800	13980	02.01.01

Sl. No	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pa y sca le	Present pay	Date of joining
	Programmer			PGDCA	r	00-34,800		4
11	Accountant / superintendent	Mr. PrahaladChayani	Accountant	B.A		9,300-34,800	14540	07.06
12	Stenographer	Mr. TruptiRanjanBarik	Steno	B.Sc	Computer	5,200-20,200	8170	29.02
13	Driver	Mr. Pravat Ku. Nayak	-	10th		5,200-20,200	7680	5.11
14	Driver	MamtazAlli Khan	-	10th		5,200-20,200	7130	08.03
15	Supporting staff	Mr. Lachhama Swain	-	-		4,440-14,680	6500	27.03
16	Supporting staff	Sri BhagiraDalei	-	-		4,440-14,680	6040	08.04

1.1. Staff Position (as on date)

1.2. BASIC INFORMATION OF THE DISTRICT

1	Geographical area	2,89,900 ha
2	Gross cropped area	2,50,602 ha
3	Total cultivated area Upland Medium land Low land	1,45,450 ha 51754 ha (36%) 48036 ha (33%) 45660 ha (31%)
4	Net sown area	1,37,000 ha
5	Total Paddy area	1,17,000 ha
6	Cropping intensity	169.28 %
7	Soil type	Alluvial soil, red laterite soil, saline soil
8	No of GP	280
9	No of village	1972
10	No of Agriculture laboures	81,907
11	No of non Agriculturelaboures	2,45,421
12	Irrigation potential -Kharif - Rabi	47% 27%
13	Fertilizer consumption -Kharif - Rabi - Average - Humidity - Temperature - Annual Rain fall - PH range	111.2 kg/ha 56.86 kg/ha 84.03 kg/ha 84-87 % 14 ° C and 43 ° C 1559.9 mm 6.2 to 7.4

MAJOR CROPS AND COMMODITIES

Name of Crop	Kharif(ha)	Rabi(ha)	Avg. Productivity
	Area (ha)	Area (ha)	q/ha
Paddy	111000	4200	23.34
Groundnut	994	31000	15.95
Blackgram	1720	25000	3.05
Greengram	-	21000	3.15
Sugarcane	-	2000	642.50
Mustard	-	3000	3.78
Jute	1000	-	20.03
Total vegetable	19452	20700	138.5
Total spice	1250	4000	13.35
Name of commodity	No	Total Production /year	

Dairy	5,03,505(cattle) 4386 (buffalo)	1,39,613 lakh lit.
Goatary	1,98,058	53,377 ton
Poultry	2,05,474	49,314 ton
Mushroom	600 bed/day	200 ton
Fisheries	2923	9840 MT

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2016 to 31.3.2017 (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Jajpur	Dihakuransa	2012	Rasulpur	35	473	90
	Choromuha	2016	Dharmasala	30	3500	160
	Khadipada	2015	Jajpur	65	800	140
	Sunsilo	2017	Sukinda	60	800	130
	Jari	2017	Binjharpur	80	1100	500

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

Sl.No.	Problem identified	Methods of problem identification	Location Name of Village & Block
1.	Detoriation of existing varieties used by the farmers in field and horticultural crops	PRA survey & group discussion	Choromuha, Dharmasala,Dihakuransa ,Rasulpur,Sankharidiha, Dharmasala
2.	Distress sale of seasonal vegetables	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
3.	Less production from traditional field & vegetable crops	PRA survey & group discussion	Sankharidiha, Dharmasala,
4.	Traditional farming gives low farm income	PRA survey & group discussion	Sankharidiha, Dharmasala
5.	Unavailability of quality seed and planting materials	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
6.	Lack of proper crop management practice in field, vegetable and pulses	PRA survey & group discussion	Choromuha, Dharmasala, Dihakuransa ,Rasulpur,

	and other cash crops		Sankharidiha, Dharmasala, Khadipada, Jajpur
7.	Loss of food grain due to lack of post harvest management	PRA survey & group discussion	Khadipada, Jajpur, Choromuha, Dharmasala,
8.	Lack of knowledge on integrated pest and disease management	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
9.	Ignorance of latest farm technology increase the drudgery of farm women	PRA survey & group discussion	Dihakuransa ,Rasulpur Korei, Sankharidiha, Dharmasala
10.	Unemployment problem of rural youth	PRA survey & group discussion	Dihakuransa ,Rasulpur Danagadi, Sankharidiha, Dharmasala
11.	Food and nutritional insecurity of farm families	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
12.	Limited farm mechanization	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
13.	Lack of knowledge on soil and water conservation	PRA survey & group discussion	Dihakuransa ,Rasulpur Choromuha, Dharmasala, Dhanjayapur, Dangadi

1.5. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

Sl.No	THRUST AREA
1	Soil Health Management
2	Farm Mechanization
3	Organic farming
4	Crop diversification
5	Hi-Tech Horticulture
6	Value addition
7	Development of entrepreneurship
8	Formation of farmers producer group

2. On-Farm Trials to be conducted

Thematic area	Title	Season	Treatments	Village	No. of farmers	Scientist involved
IWM	Assessment of integrated weed management in transplanted rice	Kharif-2018	FP-Hand weeding at 30 DAT TO ₁ -Application of herbicides Bensulfuron methyl 0.6% + Pretilachlor 6% @ 10 kg /ha 3DAT+ HW at 30 DAT. TO ₂ -Herbicide penoxsulam @ 20g/ha after 15 DAT + HW at 30 DAT.	Khadipada Dihakuransa	7	Scientist (Agronomy)
IWM	Assessment of integrated weed management in greengram	Rabi-2018-19	FP-No weeding TO ₁ - Application of herbicide Pendimethalin @ 2500 ml /ha 3 DAS TO ₂ - Application of herbicide Imazethapyr @ 750 ml /ha 15 DAS	Jari, Sansilo, Dihakuransa	7	Scientist (Agronomy)
Soil fertility management	Assessment of liming on productivity of groundnut	Rabi-2018-19	FP- No use of Lime and injudicious application of chemical fertilizer. TO ₁ -Application of Soil test based fertilizer + 0.2 LR (PMS) in furrows at the time of sowing TO ₂ - Application of Soil test based fertilizer +0.2 LR (PMS) + FYM in furrows at the time of sowing.	Madhuban	13	Scientist (Soil Sc.)
Nutrient Management	Assessment of Foliar spray of urea phosphate on yield of greengram	Rabi-2018-19	FP- No use of soil test based fertilizer (STBF) TO ₁ - 75% N,P(STBF)+K as per STBF + Foliar spray of 2% DAP at 20 and 35 DAS TO ₂ - 75%N, P(STBF) +K (as per STBF) + Foliar spray of 2% Urea phosphate (17:44:0) at 20&35 DAS	Achyutpur	13	Scientist (Soil Sc.)
Varietal evaluation	Assessment of tomato varieties	Rabi-2018-19	FP- UtkalKumari TO ₁ -BT-136 TO ₂ -Arka Rakshak	Choromuha Dihakuransa	13	Scientist (Horticulture)
Integrated Nutrient Management	Assessment of Bioinoculants on growth, yield of cauliflower	Rabi-2018-19	FP- Use of chemical fertilizer(125:80:40 kg NPK/ha) TO ₁ - STBF (80%NPK)+ Seed treatment with (Azotobactor+ PSB) 25gm/kg of seed +Soil appl. with 4kg/ha (Azotobactor& PSB) with 50kg FYM	Dihakuransa	13	Scientist (Horticulture)

			TO2- STBF(80%NPK)+ Seed treatment with Arka Microbial consortium @10gm/100gm seed +Soil application with Arka Microbial consortium 5kg/ha mixed with 500kg FYM			
Farm Mechanization	Assessment of different rice transplanting methods in medium land situation	Kharif-2018	FP- Manual transplanting by rope and guide TO ₁ - Three row rice transplanter OUAT model TO ₂ - Four row rice transplanter CRRi Model	Choromuha Achyutpur	5	Scientist (Agril. Engg.)
Farm Mechanization	Assessment of performance of groundnut digger	Rabi-2018-19	FP- Manual digging TO ₁ -tractor drawn straight blade groundnut digger TO ₂ -tractor drawn triangular blade groundnut digger	Dihakuransa	13	Scientist (Agril. Engg.)
Drudgery and Occupational health hazards	Assessment of Grain Cleaners for drudgery reduction of farm women	Rabi-2018-19	FP- Manually by Kula (bamboo) TO ₁ - CRRi make hand operated paddy winnower TO ₂ - Hanging type grain cleaner	Choromuha Sansilo	13	Scientist (Home Sc.)
ICT tools	Assessment of mobile messaging, social media(Whatsapp) dissemination of agricultural messages	Year round	FP- Print media TO ₁ -Mobile messaging (KMAS) TO ₂ - Social media (Whatsapp)	Dihakuransa, Khadipada	30	Scientist (Agril. Extn.)

3. Frontline Demonstration

Crop and Variety	Season	Title	Technology	Village	No. of demonstration	No. of area (ha)	Scientist involved
Rice, Swarna	Kharif 2018	Integrated weed management of rice under rainfed medium land situation	Use of herbicide Pretilachlor+BensulfuronMethyle @ 10 kg/ha. within 3 DAS with one hand weeding at 25 DAS	Sanaloo	5	1	Scientist (Agronomy)
Rice	Rabi 2018-19	Demonstration on HYV rice Satyabhama during summer in rice-rice cropping system	Cultivation of rice variety Satyabhama in recommended management practice Satyabhama(CR 2340-11): It is an early duration (105-110 days) variety. It has medium slender grains and tolerance to glume discoloration.It has productivity of 4.7 t/ha under favorable conditions. It shows resistance to major pests viz., yellow stem borer, leaf folder and moderate resistant to leaf blast, rice tungro virus,brown plant hopper, gall midge, hispa and thrips..	Khadipada	5	1.0 ha	Scientist (Agronomy)
Groundnut,Devi	Rabi, 2018-19	Integrated weed management of groundnut under rainfed medium land situation	Use of herbicide Imazethapyr @ 750g/ha. at 20 DAS with hand weeding at 25 DAS	Dihakuransa	5	1	Scientist (Agronomy)
Mustard	Rabi, 2018-19	Demonstration on Integrated Nutrient Management in mustard under	Use of Biofertiliser Azotobacter,Azospirillum and PSB @ 4kg/ha each and	Dihakur	5	1.0 ha	Scientist (Agronomy)

		irrigated medium land situation	RDF(50-25-25 NPK kg/ha)	ansa			
Rice, Swarna	Kharif 2018	Demonstration on Nitrogen management practices in medium land Paddy	75% N (Chemical fertilizer) + Green Mannuring + full dose of P & K (Chemical fertilizer)	Choromaha Block-Dharmasala	5	1	Scientist (Soil Sc.)
Rice, Swarna	Kharif 2018	Demonstration on Boron application in Paddy	Foliar application of 0.25% Boron twice after 15 DAT & flower initiation stage with STBF	Achutpur	5	1	Scientist (Soil Sc.)
Groundnut, Devi	Rabi, 2018-19	Demonstration of Boron + Sulphur application in Groundnut.	Sulphur@30kg/ha + two foliar spray of Boron 0.2% at flowering and 20 days after flowering stage with STBF as per soil test value	Dihakuransa Block-Rasulpur	5	1	Scientist (Soil Sc.)
Tomato, Utkalmari	Rabi, 2018-19	Demonstration on Biofertilizer application in tomato	RDF+Bioinoculation of Azotobacter, Azospirillum and PSB (1:1:1) @ 3+3+3 = 9 kg/ha mixed with prelimed (5%) FYM (1:25) under shade at 30% moisture for 7 days and applied at the time of planting with application of	Choromaha Block-Dharmasala	5	1	Scientist (Soil Sc.)

			recommended dose of NPK as per soil test result				
Brinjal, Tarini J.K.-80-31	Kharif 2018	Demonstration on Biological control of brinjal shoot fruit borer	Pheromone trap @ 20/Ac + weekly release of 50,000 to 60,000 Trichogramachillonis + alternate spraying of Bt (Bacillus thuringiensis) @ 2gm/lit of water and NSKE 5% at 15 days interval from 20 to 25 days after transplanting . Need based spraying of spinosad at flower initiation stage, regular clipping of affected shoots & burying those in soil	Choromuharambhadipur	5	0.4	Scientist (Horticulture)
Pointed gourd var. ArkaNeelachalKirti	Rabi, 2018-19	Demonstration on pointed gourd var. ArkaNeelachalKirti	HYV pointed gourd having yield potential of 15-20 kg/vine with 280-290 fruit/vine. Fruit weight varies between 45-55gm. Moderately tolerant to anthracnose, downy mildew and Fusarium wilt.	Dihakuran, Chhatia	5	0.2	Scientist (Horticulture)
Sweet potato, Shankar	Rabi, 2018-19	Demonstration on sweet potato in low land rice ecosystem	Sweet potato var(Shankar) is planted 60 X20 cm spacing under minimum tillage after harvest of rice under low land ecosystem with RDF(40:40:60 NPK kg/ha) and 5-7 irrigation was found optimum for sweet potato in rice sweet potato cropping system	Achutpur, Khatipada	5	0.4	Scientist (Horticulture)
potato var. Kufri Surya	Rabi, 2018-19	Demonstration on potato var. Kufri Surya	Yield potential 250-300q/ha, early variety,duration-72-75 days, heat tolerant,	Dihakur	5	0.4	Scientist (Horticulture)

			good cooking quality, good appearance	an sa ç h or o m u ha			
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Enterprise

Crop/enterprise	Season	Enterprise	Technology	Village	No. of demonstration	No. of animal/area (ha)	Scientist involved
Paddy, var. Sahabhagi	Kharif 2018	Demonstration on tractor drawn multicrop seed cum fertilizer drill for sowing of rice -	Eleven row multicrop seed cum fertilizer drill, drawn by more than 35 HP tractor, row to row spacing is adjustable, maintaining row to row spacing leads to easy inter cultural operation, seed rate 30kg/ha	Khadipada	5	1	Scientist (Agril. Engg.)
Cabbage, Pusa drum head	Rabi, 2018-19	Demonstration on Drip irrigation in cabbage	Installation of inline drip with a spacing of 40/60 cm between dripper of capacity 2 lph	Dihakuransa	5	0.2	Scientist (Agril. Engg.)
Groundnut, Devi	Rabi, 2018-19	Demonstration on tractor operated rotavator for dry tillage	Drawn by more than 35 HP tractor, 5 feet wide, fine land preparation	Choromuha	5	1	Scientist (Agril. Engg.)
Groundnut, Devi	Rabi, 2018-19	Demonstration on seed cum fertilizer drill for sowing of groundnut	seed cum fertilizer drill drawn by 35HP tractor, row to row spacing adjustable, seed rate 150kg/ha	Dihakuransa	5	1	Scientist (Agril. Engg.)
Poultry, Pallisree	Kharif, 2018	Demonstration on effect of growth promoter-cum-multimineral – vitamin premix on pallisree birds	Free scavenging, home kitchen waste & agricultural by-product, Growth promoter-cum-multivitamin-mineral liquid @ 2ml/liter daily for 20 birds.	Choromuha, Dihakuransa	20	400 birds	PA (Animal Sc.)
Goat, cross breed of Black Bengal	Rabi, 2018-19	Demonstration on broiler goat production technology for enhance of livelihood security	Selection of kids on weight basis, Commercial concentrate mixture @5 gm/kid/day with 5 ml rice gruel from 15th to 30th day. Increase CM @5gm/kid/week with 2.5 ml liver	Sansilo	10	30 kids	PA (Animal Sc.)

			tonic/kid/day twice in a week & monthly deworming up to 3 months				
Cross breed cow	Rabi, 2018-19	Demonstration of urea treated straw in enhancement of milk production in cross breed cow	Chaffed straw (1-2 cm length) of 25 kg will be dumped upto 6'' height. In a polythene bag urea I kg mixed in 10 liters of water will be sprayed uniformly . Pilling of straw and spraying of Urea mixed water will be done till full bag. Store up to 21 days and will be fed to animal	Choromuha Khadipada	15	30 numbers	PA (Animal Sc.)
Mushroom , Var.OSM-11	Kharif, 2018	Demonstration on paddy straw mushroom Var. OSM-11	Cultivation of paddy straw mushroom strain OSM-11.Yield potential-1.2kg/bed, Bioefficiency of substrate -10-15%	Choromuha, Dihakuransa, Sansilo	15	150 beds	Scientist (Home Sc.)
Rainbow Rooster poultry	Rabi, 2018-19	Demonstration of Rainbow Rooster poultry	Rearing of dual purpose poultry bird "Rainbow Rooster", body weight 1220gm/20weeks, egg laying capacity 160nos egg/ annum	Sansilo, Nagada	10	100 birds	Scientist (Home Sc.)
Oyster mushroom	Rabi, 2018-19	Demonstration on Oyster mushroom cultivation var. <i>H. Ulmarius</i> and its value addition.	Preparation of mushroom soup powder and mushroom pickle	Dihakuransa Choromuha Sansilo	15	-	Scientist (Home Sc.)
nutritional garden	Kharif, 2018	Demonstration of nutritional garden for improving Nutritional Security of farm family	Vegetable (10 plots): Spinach, Amaranthus, Coriander, Green peas, Carrot, Broccoli, Radish, Tomato, Onion, Cowpea, Cucurbits in fencing according to the season with Two papaya plants, One Lime , One drumstick and two Banana trees and floriculture in bunds.Support	Sansilo	25	-	Scientist (Home Sc.)

			structure: Low cost poly tunnel for seedlings+ Trellining structure +Vermitank.				
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4. Cluster Demonstration on Oil seed & Pulse

Sl.No	Season	Name of Crop	Area in ha/No.	No. of beneficiaries	Location
1	Kharif	Groundnut (Var. Devi)	20 ha	50	Vill- Mandapada Block-Danagadi
2	Kharif	Black gram (Var. Ujala)	30 ha	65	Vill- Ramthenga Block- Danagadi
3	Rabi	Groundnut (Var. Devi)	30 ha	75	Vill- Dihakuransa Block- Rasulpur
4	Rabi	Greengram Var. IPM-02-14	30 ha	75	Vill- Khadipada Block- Jajpur

5. Training programmes to be organized (April 2018 to March 2019)

(a) Farmers and Farm women

Thematic Area	Title	No of trainin g	Durati on	No of participants					
				SC	S T	Other s	M	F	Total *
I CROP PRODUCTION									
IWM	Integrated weed management in rice	1	1	5	-	20	25	-	25
ICM	Nursery management for quality rice seedling production	1	1	2	-	23	25	-	25
INM	Use of LCC for effective nitrogen Management in rice	1	1	4	-	21	25	-	25
ICM	Cultivation of fodder grass hybrid Napier	1	1	2	-	23	25	-	25
INM	Management of acid soil for higher yield and sustainability	1	1	6	-	19	25	-	25
ICM	Inter cropping for higher yield and sustainability	1	1	2	-	23	25	-	25
ICM	Integrated Farming system for livelihood security	1	1	5	-	20	25	-	25
ICM	Water management in sugarcane	1	1	5	-	20	25	-	25
ICM	Cultivation of stress tolerant rice varieties to mitigate climate change	1	1	2	-	23	25	-	25
IWM	Integrated weed management in groundnut	1	1	3	-	22	25	-	25
IWM	Integrated weed management in pulse crops (greengram,blackgram)	1	1	2	-	23	25	-	25
IWM	Integrated weed Management in sugarcane	1	1	4	-	21	25	-	25
II SOIL HEALTH & FERTILITY MANAGEMENT									
INM	INM in rice	1	1	2	-	23	25	-	25
INM	Boron application in rice	1	1	3	-	22	25	-	25
INM	Micronutrient deficiency and	1	1	3	-	22	25	-	25

	itscontrol measures in cabbage & cauliflower								
INM	Bio-fertilizer application in tomato	1	1	2	-	23	25	-	25
INM	Foliar application of urea phosphate in greengram	1	1	2	-	23	25	-	25
INM	Recycling of crop residue by NADEP method	1	1	2	-	23	25	-	25
INM	Micronutrient deficiency & its control measures in groundnut.	1	1	3	-	22	25	-	25
INM	INM in potato	1	1	2	-	23	25	-	25
INM	Green Manuring in rice	1	1	3	-	22	25	-	25
INM	INM in sugarcane.	1	1	2	-	23	25	-	25
Soil fertility management	Management of saline soil	1	1	3	-	22	25	-	25
Soil fertility management	Method lime application in groundnut	1	1	3	-	22	25	-	25
III Horticulture									
Cultivation of vegetable	Production techniques of pointed gourd	1	1	2	-	23	25	-	25
Yield increment	Bio-fertilizer application and biological control of brinjal fruit shoot borer	1	1	3	-	22	25	-	25
Cultivation of Fruit	Cultivation techniques of T.C Banana	1	1	3	-	22	25	-	25
Yield increment	Major diseases & pest of solanaceous crops & their control measures	1	1	2	-	23	25	-	25
Cultivation of vegetable	Production techniques of tomato	1	1	2	-	23	25	-	25
Production and management technology	production techniques and post harvest handling of tuber crops	1	1	2	-	23	25	-	25
INM	Advantage of organic manure in	1	1	3	-	22	25	-	25

	cucurbitaceous crop								
INM	Integrated nutrient management in marigold	1	1	2	-	23	25	-	25
INM	Advantage of biofertilizer in cole crops	1	1	3	-	22	25	-	25
Cultivation of vegetable	Production techniques of potato	1	1	3	-	22	25	-	25
Cultivation of vegetable	Cultivation techniques of papaya	1	1	3	-	22	25	-	25
IV Livestock Production and Management									
Poultry management	Brooding of chicks	1	1	2	-	23	25	-	25
Small ruminants management	Broiler goat production technology	1	1	3	-	22	25	-	25
Poultry management	Free range small scale chicken production & management	1	1	3	-	22	25	-	25
Animal nutrition	Value addition of paddy straw for cattle feed	1	1	2	-	23	25	-	25
Animal housing & sanitation	sanitation of goat pen	1	1	2	-	23	25	-	25
poultry management	Stress management in different livestock to maintain better production status	1	1	3	-	22	25	-	25
Diary management	Prophylactic measures for FMD in cattle & buffaloes	1	1	3	-	22	25	-	25
Poultry management	Prophylactic measures for Ranikhet disease in chicks	1	1	2	-	23	25	-	25
Goat farming	Prophylactic measures for Enterotoxemia disease in goat	1	1	3	-	22	25	-	25
Piggery management	Management of Anemia in piglets	1	1	3	-	22	25	-	25
Animal nutrition	Use of agricultural waste as livestock feed	1	1	2	-	23	25	-	25
Livestock production &	Milk production enhancement in	1	1	3	-	22	25	-	25

technology	indigenous cattle								
V Agricultural Engineering									
Repair and maintenance of farm machinery and implements	Use and operation of multicrop seed cum fertilizer drill	1	1	3	-	22	25	-	25
Installation and maintenance of micro irrigation system	Use of sprinkler irrigation for pulses	1	1	3	-	22	25	-	25
Drudgery reduction	Use of different small implements for farm women	1	1	3	-	22	-	25	25
Repair and maintenance of farm machinery and implements	Use of different weeders in rice	1	1	2	-	23	25	-	25
Use of plastics in farming practices	Use of mulching in vegetables	1	1	2	-	23	25	-	25
Repair and maintenance of farm machinery and implements	Use of rotavator for field preparation	1	1	2	-	23	25	-	25
Repair and maintenance of farm machinery and implements	Care and safety measures during operation of implements	1	1	3	-	22	25	-	25
Post harvest technology	Dal mill and its utility and required pretreatments	1	1	3	-	22	25	-	25
Repair and maintenance of farm machinery and implements	Implements used for groundnut harvesting	1	1	3	-	22	25	-	25
Repair and maintenance of farm machinery	Use of rice transplanter	1	1	3	-	22	25	-	25

and implements									
Installation and maintenance of micro irrigation system	Use of drip irrigation for vegetables	1	1	3	-	22	25	-	25
Repair and maintenance of farm machinery and implements	Use of groundnut thresher	1	1	3	-	22	25	-	25
VI Home science									
Value addition	Preparation of ready to use mixes	1	1	3	-	22	-	25	25
Value addition	Preparation of mango RTS squash	1	1	3	-	22	-	25	25
Income generation activities for empowerment of rural women	Care & management practices in backyard poultry rearing	1	1	3	-	22	-	25	25
Location specific drudgery reduction technology	Use of women friendly implements in groundnut cultivation.	1	1	3	-	22	-	25	25
Enterprise development	Cultivation of paddy straw mushroom	1	1	3	-	22	-	25	25
Value addition	Preparation of tomato concentrate & mix vegetable pickle	1	1	3	-	22	-	25	25
Women and child care	Preparation of low cost baby foods from cereal & pulses	1	1	3	-	22	-	25	25
House hold food security by kitchen gardening and nutrition gardening	Planning, layout and development of nutritional garden	1	1	3	-	22	-	25	25
Storage loss minimization technique	Storage of pulses by different method	1	1	3	-	22	-	25	25

Enterprise development	Off season mushroom cultivation in poly house	1	1	3	-	22	-	25	25
Value addition	Value addition in lemon	1	1	3	-	22	-	25	25
Income generation activities for empowerment of rural women	Preparation of chips from colocasia & potato	1	1	3	-	22	-	25	25
VII Agricultural extension									
CBD	Farming system approach	1	1	3	-	22	25	-	25
CBD	Farmers organization and group dynamics	2	2	10	-	40	50	-	50
CBD	Formation & Management of farmers club	2	2	6	-	44	-	50	50
CBD	Alternative livelihood options for resource poor farm family	1	1	5	-	20	25	-	25
CBD	Role and importance of ICT in agricultural development	2	2	6	-	44	50	-	50
CBD	Role and importance of farm records in agricultural development	1	1	3	-	22	25	-	25
CBD	Income generation activities of SHGs	1	1	3	-	22	-	25	25

(b) Rural youths

Thematic Area	Title	No of courses	Duration	On/Off campus	No of participants					
					SC	ST	Others	M	F	Total*
I Crop production										
ICM	Integrated Farming System for Livelihood security	1	2	On	5	-	20	25	-	25
INM	Organic farming for higher income	1	2	On	5	-	20	25	-	25

	and sustainability										
II Soil Health & fertility Management											
ICM	Azolla production technique	1	2	off	2	-	23	25	-	25	
Soil fertility management	Technique of soil sample collection.	1	2	off	2	-	23	25	-	25	
III Horticulture											
Cultivation of Flower	Commercial flower cultivation	1	2	on	2	-	23	25	-	25	
Nursery raising	Improved method of seedling production technique	1	2	on	3	-	22	25	-	25	
IV Agricultural Engineering											
Small scale processing and value addition	Value addition of milk	1	2	on	2	-	23	25	-	25	
Installation and maintenance of micro irrigation system	Importance and installation of drip irrigation system for vegetable cultivation	1	2	on	2	-	23	25	-	25	
V Livestock Production and Management											
Dairy management	clean milk production for better marketability	1	2	on	3	-	22	25	-	25	
Poultry management	pre-laying period management in small scale poultry	1	2	on	2	-	23	25	-	25	
VI Home Science											
Location specific drudgery reduction technology	Weeding operations of vegetables by using small garden tools	1	2	on	3	-	22	-	25	25	
Value addition	Value addition of groundnut such as chiki, ladu and groundnut milk	1	2	on	3	-	22	-	25	25	
VII Agriculture Extension											
CBD	Entrepreneurship development	1	2	off	5	-	20	25	-	25	

(c) Extension functionaries

Thematic Area	Title	Duration	On/Off	No of participants					
				SC	S T	Others	M	F	Total *

I Crop Production									
Water management	Water management for Higher crop water productivity	1	On	2	-	13	11	4	15
ICM	Contingency planning for crop production under changing climate	1	On	2	-	13	13	2	15
II Soil Health & Fertilizer management									
Soil fertility management	Management of acid soil	1	on	2	-	13	10	5	15
Soil fertility management	Use of soil test kit	1	on	2	-	13	12	3	15
III Horticulture									
Protective cultivation	Hi-tech horticulture	1	on	2	-	13	10	5	15
Layout and Management of Orchard	Orchard management practices	1	on	2	-	13	12	3	15
IV Agricultural Engineering									
Farm mechanization	Use of different improved machinery for rice cultivation	1	on	2	-	13	10	5	15
Installation and maintenance of micro irrigation system	Use and importance of sprinkler irrigation for pulses	1	on	2	-	13	12	3	15
V Livestock production and management									
	Advanced artificial insemination technology	1	on	2	-	13	10	5	15
Diary management	Antibiotic resistance a concern in veterinary sector	1	on	2	-	13	12	3	15
VI Home Science									
	Preparation of Nutri guide for different age groups.	1	on	2	-	13	15	-	15
	Use of women friendly implements for reducing drudgery of farm women	1	on	2	-	13	15	-	15
VII Agriculture Extension									
	Marketled Extension	1	on	2	-	13	1	3	15

(d) Sponsored Training

Thematic Area	Title	Courses	Duration	On/Off	No of participants					
					SC	ST	O	M	F	Tot
Total										

(e) Vocational Training

Thematic Area	Title	courses	Duration	On/Off	No of participants/trainee days					
					SC	ST	O	M	F	Tot
I Crop production										
Soil fertility management	Vermi-compost production for self employment	1	4	On	5	-	20	25	-	15
ICM	Certified Seed production for self employment	1	4	On	5	-	20	25	-	15
II Soil health & fertility management										
Soil fertility Management	Production technique for NADEP compost	1	4	on	2	-	13	15	-	15
	Production technique for Phosphosulpho nitro compost technique	1	4	on	1	-	14	15	-	15
	Quality vermi-compost production technique	1	4	on	2	-	13	15	-	15
III Horticulture										
Plant propagation techniques	Planting material production techniques in fruit crops	1	4	on	3	1	11	15	-	15
cultivation of Flower	Production techniques of commercial flower	1	4	On	4	-	11	10	5	15
Nursery raising	Nursery raising techniques	1	4	on	1	-	14	15	-	15
IV Agricultural Engineering										
Farm mechanization	Skill in operation of women friendly small implements	1	4	on	3	1	11	15	-	15
	Operation and maintenance of tractor	1	4	on	3	1	11	15	-	15
	Operating skill in tractor drawn axial	1	4	On	4	-	11	10	5	15

	flow thresher									
V. Live stock production & management										
Live stock production & management	Silage preparation technology and benefits of use as livestock feed	1	4	on	1	-	14	15	-	15
	Hand made feed preparation technology at farmers place	1	4	on	2	2	11	15	-	15
	Hygienic milking practice & quality milk production	1	4	On	4	-	11	10	5	15
	Herbal medicament preparation for different poultry diseases	1	4	on	2	-	13	15	-	15
VI Home Science										
Value addition	Value addition in jute	1	4	On	4	-	11	-	15	15
	Value addition in milk	1	4	on	3	1	11	-	15	15
Income generation	Mushroom Spawn production technique	1	4	on	3	1	11	15	-	15
Total		18	72		52	7	231	245	45	270

6. Seed and planting material production

Seed		Planting material	
Crop	Area	Crop	Area/No
Paddy (MTU-1010) F.S	5ha	Onion	60,000
Green gram IPM-02-03(CS)	2ha	Capsicum	2000
		Tomato	15,000
		Cauliflower	5000
		Chilli	5000
		Papaya	1000
		Marigold	2000

7. Extension Activities

Activities	No.	Participants
Field Day	20	500
KisanMela	2	500
Mahilakisandiwas	1	50
KisanGhosthi	15	360

Exhibition	5	500
Film Show	100	2250
Method Demonstrations	25	375
Farmers Seminar	5	100
Workshop	5	95
Group meetings	25	350
Lectures delivered as resource persons	20	2020
Newspaper coverage	20	-
Radio talks	20	-
TV Talks	55	-
Popular Articles	20	525
Extension Literature	15	500
Farm Advisory Services	365	452
Scientific visit to farmers field	420	332
Farmers Visit to KVK	845	940
Diagnostic Visits	65	2950
Exposure Visits	2	100
Ex-trainees Sammelan	2	75
Soil Health Camp	2	150
Agriculture Education Day	1	50
Animal Health Camp	2	200
Technological week celebration	7	450
Soil Test Campaigns	3	150
Farm Science Club conveners meet	5	125
Self Help Group conveners meetings	3	150

8. Revolving Fund

Opening balance as on 1 st April 2018 (Rs. in lakh)	Amount to be invested (Rs.)	Return (Rs.)
Nil	Rs. 5,57,600/-	Rs. 8,64,800/-

9. Expected fund utilization:-NA

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

10. List of Projects to be implemented:-NA

Name of the project	Fund expected (Rs.)

11. No. of success stories to be developed: 2

12. Scientific Advisory Committee

Date of SAC meeting held during 2017-18	Proposed date
27.07.18	30.7.18

13. Soil and water testing

Sample	No. of samples to be analysed
Soil	1000
Plant	
Water	

14. Staff position

Sanctioned	In position	If vacant, since when
Programme Coordinator / Sr. Scientist	1	
SMS (Agronomy) / T-7/8	1	
SMS (Soil Sc.) / T-7/8	1	
SMS (Hort.) // T-7/8	1	
SMS (AgrilEngg) // T-7/8	1	
SMS (Fishery Sc.) // T-7/8	-	11.06.2013
SMS (Agril. Extn)/ T-6	1	
SMS (Home Sc.) / T-6	-	
Programme Assistant (Computer)/ T-5	1	
Programme Assistant/ T-5	1	
Farm Manager/T-5	1	
Assistant	1	
Stenographer, Grade – III	1	
Driver/ T-2	1	
Driver / T-2	1	
Skilled Supporting Staff	1	
Skilled Supporting Staff	1	
Total	15	

15. Status of infrastructure

Infrastructure	Complete	Under construction	Not started	Reasons, if not started

Administrative building	Yes	-	-	-
Trainees' hostel	Yes	-	-	-
Staff quarter	No	-	-	-
i) IFS	Yes	-	-	-
ii) Portable Carp Hatchery	NA	-	-	-
iii) Goatary	NA	-	-	-

16.Fund requirement and expenditure (Rs.)

Total Fund Requirement:

	Expenditure (last year) (Rs. in lakh)	Expected requirement (Rs. in lakh)
Recurring		
i. Pay & allowance		1,22,000,00
ii. Contingency	12,24,824	15,00,000
iii. TA	1,20,000	1,50,000
iv. HRD		50,000
Non-recurring (specify)		
i. Works (Road, threshing floor, drying yard, vehicle and implement shed, irrigation system etc.)		
iv. Furniture & Equipment	2,98,527	3,00,000
v. Vehicle and tractor		18,00,000
TOTAL	16,43,351/-	1,60,000,00/-

**Sr. Scientist & Head
KVK, Jajpur**