

**ANNUAL ACTION PLAN  
OF KVK,  
NAYAGARH  
FOR 2017-18**

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## PERIOD – April, 2017 to March, 2018

### Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
	OFTs	10	62			
	FLDs – Oilseeds (activity in ha)	20	50			
	FLDs – Pulses (activity in ha)	40	100			
	FLDs – Cotton (activity in ha)	-	-			
	FLDs – Other than Oilseed and pulse crops(activity in ha)	16.5ha	181			
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	121 units	132			
	Training-Farmers and farm women	71	1775			
	Training-Rural youths	18	360			
	Training- Extension functionaries	7	175			
	Extension Activities	1020	4175			
	Seed Production (Number of activity as seeds in quintal)	25 MT-	25			
	Planting material ((Number of activity as quantity of planting material in quintal)	-	-			
	Seedling Production (Number of activity as number of seedlings in numbers)	40000	761			
	Sapling Production (Number of activity as number of sapling in numbers)	1000	80			
	Other Bio- products (No. of quantity) (Vermi compost)	0.8 MT	43			
	Livestock products ( Vanaraja 21 days old poultry chicks)	1500nos	42			
	Activities of Soil and Water Testing Laboratory	150	630			
	Rainwater Harvesting System	-	-			
	Kisan Mobile Advisory (KVK-KMA)	55	5000			
	SAC Meeting (Date & no. of core/ official members)	2	44			
	Literature to be Developed/Published	4	2000			
	Convergence programmes / Sponsored programmes	2	100			

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
	Utilization of Farmers Hostel	4	100			
	Utilization of Staff Quarters	-	-			
	Details of KVK Agro-technological Park	-	-			
	Crop Cafeteria-	-	-			
	Farm Innovators- list of 10 farm innovators from the District	-	10			
	Status of Revolving Funds	-	-			
	Awards and Recognitions	5	5			
	Case study / Success Story to be developed	2	2			
	KVK Progressive Farmers interaction	2	200			
	Outreach of KVK in the District (No. of blocks, no. of villages)	8 blocks	15 villages			
	Technology Demonstration under Tribal Sub Plan	-	-			
	KVK Ring	5	-			
	Important visitors to KVK	-	-			
	Status of KVK Website	Working				
	Status of RTI	-	-			
	E-connectivity	-	-			
	Details of Technology Week Celebrations	27	1300			
	Interventions on Drought Mitigation	3 Programmes	70			
	Proposal of NAIP	-	-			
	Proposal of NICRA	-	-			
	Well labeled photographs	-	-			
	Other Activities	-	-			

## 1. GENERAL INFORMATION

### 1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Nayagarh	Programme Coordinator	Vacant								
Nayagarh	Scientist and SSH (I/C)	Dr.Amitabh Panda	Scientist (Hort.)	Ph.D (Ag)	Vegetable Sc.	15600-39100	21390	04.04.11	Temporary	Others
Nayagarh	Scientist	Mr. TrinathKhandaitaray	Scientist (Plant Protection)	M. Sc (Ag)	Entomology	15600-39100	20590	18.07.09	Temporary	Other
Nayagarh	Scientist	Mr. TribijayiBadjena	Scientist (Agril. Extension)	M.Sc (Ag)	Agril. Extension	15600-39100	17610	07.04.10	Temporary	Other
Nayagarh	Scientist	Dr.SwagatikaSahu	Scientist (Fisheries)	Ph.D (Fishery)	Fisheries	15600-39100	17610	9.11.12	Temporary	Other
Nayagarh	Scientist	MrsBijayaLaxmi Rout	Scientist (Home Science )	M.Sc	Home Science	15600-39100	19810	25.1.16	Temporary	Other
Nayagarh	Scientist	Mrs. SuchismitaDwivedy	Scientist (Ag) Eng	M .Tech	Agricultural processing & food engineering	15600-39100	15600	22.01.2016	Temporary	Other
Nayagarh	Programme Assistant	Mr. BikramKeshariPari manik	Pro. Asst. (Forestry)	M.Sc	Forestry	9300-34800	13430	16.10.06	Temporary	Other
Nayagarh	Farm Manager	Vacant								
Nayagarh	Computer Programmer	Mrs. RosalinPraharaaj	Pro. Asst. (Computer)	B.Sc (PGDCA, MCA)	Computer	9300-34800	13450	10.03.06	Temporary	Other
Nayagarh	Accountant / superintendent	Mr. R.M. Mishra	S.O-	M.A (B.Ed)-	-	9300-34800	13450	14.02.14	Temporary	Other
Nayagarh	Stenographer	Mrs. T.Chualassingh	Jr. Steno Cum Computer Operator	B.A	-	5200-20200	5200	11.11.16	Temporary	SC
Nayagarh	Driver	Mr. Rabi Narayan Mohapatra	Driver/Mechanic	Intermedi ate	-	5200-20200	6110	22.07.08	Temporary	Other
Nayagarh	Driver	Mr. K.Mohanty	Driver/Mechanic	Matric	-	5200-20200	6600		Temporary	Other
Nayagarh	Supporting staff	Mr.HariharPradhan	Peon/Watchman	ME	-	4440-7440	5580	1.12. 2014	Temporary	Other

## 1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

KVK Name	Agro-climatic zone	No. of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Nayagarh	East and South Eastern Coastal Plain Zone (ESCPZ)	8	177	9,62,000	79.12	1,72,245	1,44,083	0.94 ha

1.	Geographical area of the district	3,89,000 ha (3890 sq.km)
2.	Height from mean sea level	90 mtr.
3.	No. of subdivisions	1
4.	No. of Tahasils	8
5.	No. of NAC	2
6.	No. of CD blocks	8
7.	No. of GPs	180
8.	No. of revenue villages	1703
9.	Population in the district 2011 census	9,62,000
	Male	5,02,000
	Female	4,60,000
10.	ST population	5.88%, 50,836
11.	SC population	14.04%, 1,21,409
12.	Literacy	79.12%
	Male	<b>82.66%</b>
	Female	<b>57.64%</b>
13.	Annual Rainfall	1354.3mm
14.	Max temperature	44.0 <sup>0</sup> C
15.	Minimum temperature	11.0 <sup>0</sup> C
16.	Population density	247/sq. km.
17.	Area under forest	38,086 ha.
18.	Area under cultivation	1, 34,000 ha.
	High land	45,000 ha
	Medium land	49,000 ha
	Low land	40,000 ha
19.	Kharif irrigated area	45,390 ha.
	Rabi irrigated area	21,670 ha.
20.	Classification of land holding	
	Less than 1 ha.	1,13,730 no.
	Between 1 to 2 ha.	18,443 no.
	Above 2 ha.	11,910 ha.

### 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)
Nayagarh	Anlamada	2012	Khandapada	12km	570	435
Nayagarh	Darpanarayanpur	2012	Ranpur	35km	625	575
Nayagarh	Beguniapatna	2013	Nayagarh	18km	875	483
Nayagarh	Damuni	2014	Nuagaon	32Km	325	125
Nayagarh	Katarajhari	2015	Odagaon	18Km	250	180
Nayagarh	Erundipathara	2016	Gania	80Km	245	135
Nayagarh	Kadambabena	2017	Dasapalla	70Km	400	172
Nayagarh	Notarapalli	2017	Odagaon	50km	290	53
Nayagarh	Bhokilapada	2017	Bhapur	32Km	1025	126

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

KVK Name	THRUST AREA
Nayagarh	Varietal substitution in rice, particularly for rain-fed upland and medium land types.
Nayagarh	Crop diversification from rice to pulse (Arhar), oilseed (Sunflower, ground nut) sugarcane and tuber crop based cropping systems.
Nayagarh	Integrated nutrient management by incorporation of crop residues/forest litters, green manuring, improvised composting and balanced use of inorganic and bio-fertilizers.
Nayagarh	Popularizing eco-friendly pesticides and bio-control agents and IPM practices for borers in sugarcane, rice and brinjal.
Nayagarh	Revolutionizing fresh water fish farming by including freshwater prawn (Scampi) in composite pisciculture system.
Nayagarh	Empowerment of rural youth and SHGs through remunerative agro based enterprises like value addition of fruits and vegetables, mushroom production, bee keeping, floriculture, poultry farming and nursery raising.
Nayagarh	Rejuvenating mango and cashew orchards and developing Alternative Land Use system models.
Nayagarh	Scientific method of fish production with freshwater prawn culture, integrated farming system research and stunted fingerlings & yearlings stocking.
Nayagarh	Income generation from backyard poultry for economic upliftment.
Nayagarh	Raising of fuel wood, timber and fodder yielding species to meet the local demand and production, value addition of minor forest products.
Nayagarh	Varietal substitution in rice, particularly for rain-fed upland and medium land types.

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

<b>Nayagarh</b>	Rice : Low grain yield - poor nutrition- Heavy weed infestation- High grain loss – BPH, stem borer, sheath blight/rot, blast & BLB	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Anlamada (Khandapara) Darpanarayanpur (Ranpur), Beguniapatna(Nayagarh)
<b>Nayagarh</b>	MOONG : Low productivity – Little Nutrition- High storage loss – Pulse beetle, root rot & YMV incidence	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Darpanarayanpur (Ranpur),Chandi, gopalipada, Khandapada
<b>Nayagarh</b>	SUGARCANE : Increase in production cost – Closer spacing-High Seed requirement – Manual weeding- Low MC production – Poor N management- Incident of ESB, IB & SB.	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Mardarajpur (Nayagarh) Anlamada (Khandapara)
<b>Nayagarh</b>	Maize: Low productivity, use of low yielding non adoptable varieties, imbalanced nutrient management, heavy weed infestation in early stage. Severe pest & disease incidence throughout the crop growth.	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Maichheli, Raghunathpur(Nuagaon)
<b>Nayagarh</b>	COLOCASIA : Increase in production cost – Manual weeding-Growth retardation Blight & Corm Rot	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Biridi (Khandapara) Ranipatna(Khandapara)
<b>Nayagarh</b>	TUBER CROPS : Deep rooted longer duration Yam - poor acceptance- less yield potential Sweet Potato – Poor acceptance, Slow multiplication rate, weevil incidence	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Shikharpur (Khandapara)
<b>Nayagarh</b>	GROUNDNUT : Increased production cost – Manual weeding- Poor plant stand – Early stage wilting	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Melambo,(Nayagarh) Ratanpur,(Khandapara)
<b>Nayagarh</b>	SUNFLOWER : Low yield – Increased Chaffiness-pest & disease incidence	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Anlamada (Khandapara) Darpanarayanpur (Ranpur)



<b>Nayagarh</b>	COCONUT : Fruit drop- Eriophyidmite attack-Low yield in local types	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Bajrakote (Ranpur)
<b>Nayagarh</b>	MANGO: Fruit drop- Mango hopper & Bark eating caterpillar	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Lingiribari(Nuagaon) Shikharpur(Khandapara)
<b>Nayagarh</b>	BRINJAL : Fruit and Shoot borer Incidence- Wilting	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Jadupur (Nayagarh)
<b>Nayagarh</b>	COLE CROPS: Tobacco caterpillar incidence- Low yield in local types	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Begunia Patna(Nayagarh)) Raj Patna(Nayagarh)
<b>Nayagarh</b>	TOMATO: Low yielding local types, severe wilt & fruit borer incidence.	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Begunia Patna(Nayagarh)
<b>Nayagarh</b>	FOREST TREES : Untapped forest resources , Deforestation due to heavy demand on fuel wood, timber and fodder demand	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Balugaon(Nayagarh)) Suamadhupa(Bhapur)
<b>Nayagarh</b>	FISHERY: Poor pond management Predatory and weed fish in fish ponds High seed mortality Improper stocking ratio and density Poor feeding management Single crop culture practice, Less income from pisciculture Less income from fish culture without any foreign money No fish yield from backyard water logging area Less income of SHGs from fisheries	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Iaxmi Prasad(Khandapara) Khedapara(Nayagarh) Damuni (Nuagaon) Darpanarayanpur (Ranpur)
<b>Nayagarh</b>	OTHERS: Underutilization of orchard shade (cashew and mango)- Straw scarcity for mushroom production - Lack of income generating vocation for women & rural youths- Poor land utilization and crop insurance in rainfed upland- Grain loss by house & field rats- Distress sell of mango & tomato-	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting, SHG Group meet, Interaction	Patulisahi(Nuagaon) Mahipur(Nuagaon)

	Malnutrition of women and children – Drudgery associated with rural housewives and women in agriculture.		
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## 2. On Farm Testing

### 2.1 Information about OFT to be conducted

KVK name	Year/season	Problem diagnose	Category of technology (Assessment / Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target (ha)	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Nayagarh	Kharif 2017	Low yield in rice (33.8q/ha) due to heavy incidence of rice sheath blight(22535ha)	Assessment	IDM	Rice	Rainfed Medium	2ha	7	Assessment of Sheath blight management in Rice				
Nayagarh	Rabi 2017-18	Low yield of mango due to high infestation of fruit flies	Assessment	IPM	Mango	Rainfed upland	2ha	7	Assessment of oriental fruit fly management in mango				
Nayagarh	Rabi 2017-18	Lack of a suitable variety with high yield and disease resistance.	Assessment	IPM	Tamato	Irrigated medium	0.3ha	7	Assessment of suitable variety of kharif tomato				
Nayagarh	Rabi 2017-18	Irregular bearing habit of local cultivar leading to “on” year and “off” year A-4561Ha, Y-3.18T/Ha	Assessment	IPM	Mango	Irrigated medium	2ha	7	Assessment of growth regulator to control irregular bearing habit in mango				
Nayagarh	Kharif 2017-18	The cost of ingredients (oil cake & paddy bran) in traditional feed is increasing & the FCR is more than 3 in fish seed rearing	Assessment	Production & management	IMC	Pond based	0.6ha	3	Assessment of performance of different feed rate from fry to fingerlings rearing				
Nayagarh	Kharif 2017-18	Non availability of huge (15q/ha/year) amount of	Assessment	Production	IMC	Pond	1.2ha	3	Assessment of liquid organic				

		raw cow dung for plankton production		on & management		based			manure for fish production				
Nayagarh	Rabi 2017-18	Unavailability of labour , More cost and time	Assessment	Mechanization	Rice	Irrigated medium land	1ha	7	Assessment of mechanized weeder in wet land paddy cultivation				
Nayagarh	Kharif, 2017	High cost of cultivation, more labour and time requirement	Assessment	Mechanization	Rice	Irrigated medium land	1ha	7	Assessment of 8 row self-propelled rice transplanter	-	-		
Nayagarh	Kharif, 2017	Distress sell and no knowledge about value addition	Assessment	Income generation	Jackfruit	Homestead	7	7	Assessment of value added product from jackfruit (pickle & chips)				
Nayagarh	Rabi, 2017-18	High drudgery and low efficiency	Assessment	Drudgery reduction	Mahua	Homestead	7	7	Assessment of mahua seed decorticator for drudgery reduction of farm women	-	-		

## 2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

## 2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	RP (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	RP (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	RP (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	RP (T <sub>3</sub> )

### 3. Frontline Demonstrations

#### 3.1. Follow-up for results of FLDs implemented during previous years (upto 2016-17)

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
KVK, Nayagarh	Rice	20	Green manuring in direct seeded kharif rice	Training, leaf lets, exposure visit, video show, news paper	21	230	209
KVK, Nayagarh	Rice	10	Varietal substitution in rice	Training, leaf lets, exposure visit, news paper	22	185	220
KVK, Nayagarh	Pea	11	Pyara cropping of field pea	Training, leaf lets, exposure visit, news paper	13	109	161
KVK, Nayagarh	Banana	10	Cultivation of Tissue cultured banana	Training, Farm Visit, Exposure visit, Film show	34	83	30
KVK, Nayagarh	Papaya	10	Cultivation of high yielding variety of papaya	Training, Farm Visit, Exposure visit, Film show	19	97	24
KVK, Nayagarh	Elephant Foot Yam	10	Introduction of improved EFY Var. Gajendra	Training, Farm Visit, Exposure visit, Film show	13	179	17
KVK, Nayagarh	Arrowroot	55	Crop substitution with arrowroot.	Training leaf lets, exposure visit,	35	184	68
KVK, Nayagarh	Turmeric	10	Introduction of improved Turmeric var. Suroma	Training, Farm Visit, Exposure visit, Film show	16	39	7
KVK, Nayagarh	Rice	20	Integrated pest management in rice	Training, leaf lets, exposure visit, video show, news paper	12	171	118
KVK, Nayagarh	sugarcane	20	Biological control of sugarcane borers	Training, leaf lets, exposure visit, video show, news paper	32	263	198
KVK, Nayagarh	Bee keeping	19	Bee keeping for rural youth	Training, leaf lets, exposure visit, video show, news paper	15	37	121 Units
KVK, Nayagarh	Brinjal	20	Integrated pest management in brinjal	Training, leaf lets, exposure visit, video show, news paper	17	159	99
KVK, Nayagarh	Tomato	20	Microbial control of tomato fruit and shoot borer	Training, leaf lets, exposure visit, video show, Kisanmela	12	72	38
KVK, Nayagarh	Fresh water	55	Freshwater prawn culture	Trainings, exposure visit, field	19	58	37

Nayagarh	prawn			day, video show			
KVK, Nayagarh	Ornamental fish	51	Ornamental fish culture	Trainings, exposure visit, video show, field day	8	49	18 Unit
KVK, Nayagarh	IMC	15	Pond based farming system	Trainings, exposure visit, kisanmela, video show	22	87	33
KVK, Nayagarh	Poultry	51	Backyard poultry rearing	Trainings, exposure visit, kisanmela, video show	35	97	67 units
KVK, Nayagarh	Maize	---	Use of maize sheller for drudgery reduction	Training, poster and leaflets	20	112	112 units
KVK, Nayagarh	Sunflower	--	Use of sunflower thresher for drudgery reduction	Training, poster and leaflets	12	74	35 units
KVK, Nayagarh	Mahua flower	51	Use of low cost solar dryer for drying mahua flowers	Training, poster and leaflets	10	10	10 units
KVK, Nayagarh	EFY	10	Introduction of Elephant Foot Yam var. Gajendra	Training, Farm Visit, Exposure visit, Film show	29	193	13
KVK, Nayagarh	Sugarcane	10	Varietal substitution by high sucrose content variety	Training, Group discussion, News paper coverage	7	31	10
KVK, Nayagarh	Bamboo	11	Growing of bamboo raised through culm cutting method	Training, Farm Visit, Exposure visit, Booklet	17	45	35
KVK, Nayagarh	Acacia mangium	11	Growing of <i>Acacia mangium</i>	Training, Group discussion, News paper coverage	8	63	6

### 3.2 Details of FLDs to be implemented during 2017-18

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Nayagarh	IPM	Rice	Kharif2017	Demonstration on IPM for BPH mgt. in rice	2.0 ha	Pratiksh ya	-	-	-	1	1	5	6	13
Nayagarh	IPM	Maize	Kharif2017	Demonstration on IPM for borer management in maize	1.0ha	Nilesh	-	-	-	2	2	4	5	13
Nayagarh	IDM	Greengram	Rabi 2017-18	Performance of IDM for seed and seedling blight in green gram in rice-greengram cropping system	1.0ha	TARM- 1	-	-	-	2	2	3	6	13
Nayagarh	Income generation	Honey	Rabi 2017-18	Demonstration on bee keeping	13 units	A.ceran aindica	-	-	-	2	3	7	1	13
Nayagarh	ICM	Solanaceous vegetable crops	Kharif2016- 17	Demonstration of low cost poly- tunnel for seedling raising	13 units	Solanac eous vegetab le crops	-	-	-	3	2	3	5	13
Nayagarh	ICM	Marigold	Kharif2016- 17	Demonstration on HYV of marigold, Ceracola	2.0 ha	Marigold	-	-	-	2	4	2	5	13
Nayagarh	Varietal evaluation	Brinjal	Rabi 2017-18	Performance of HYV of BrinjalArkaNeel anchalShyama in rice –brinjal cropping system	1.0 ha	AkraNe elanchal aShyam a	-	-	-	2	3	2	4	13

Nayagarh	Production and management	Indian Major carp	Kharif 2017-18	Demonstration of production of stunted fingerlings/ yearlings	1 ha	Indian Major carp	-	-	-	-	-	5	-	5
Nayagarh	Production and management	Indian Major carp	Kharif 2017-18	Demonstration of pisciculture in community pond	1.5 ha	IMC, grass carp	-	-	-	-	1	4	-	5
Nayagarh	Nutritional management	Cross bred cow	Rabi 2017-18	Demonstration of Azolla as cattle feed	13 no.	Cross bred cow	-	-	-	1	1	10	1	13
Nayagarh	Nutritional management	Goat/sheep	Rabi 2017-18	Demonstration of protein supplementation as nutritional balanced feed to goatery/sheepery	13 no.	Black bengal	-	-	-	-	5	8	-	13
Nayagarh	Production and management	Poultry	Rabi 2017-18	Demonstration backyard poultry rearing	15 nos.	Pallishree	-	-	-	3	-	12	-	15
Nayagarh	Farm mechanization	Sugarcane	Rabi 17	Demonstration on Sugarcane Stripper	2 ha	- Sugarcane Stripper	-	-	-	3	1	5	4	13
Nayagarh	Farm mechanization	Potato	Kharif,2017-18	Popularization of bullock drawn Potato digger	1 ha	Kufrich andram ukhi	-	-	-	2	1	4	5	13
Nayagarh	Farm mechanization	Sunflower	Rabi,2017-18	Demonstration on power operated sunflower thresher	13 units	Amrit	-	-	-	3	-	2	8	13
Nayagarh	Farm mechanization	Groundnut	Rabi,2017-18	Popularization of bullock drawn groundnut digger.	1.0 Ha	Smruti	-	-	-	2	1	4	6	13

Nayagarh	Value addition	Mushroom	Rabi 2017-18	Demonstration on value addition of oyster mushroom (S.caju)	13 units	S.caju	-	-	-	2	-	9	2	13
Nayagarh	Value addition	Mango	Rabi 2017-18	Demonstration on preparation of mango leather using solar drier.	2 units	mango	-	-	-	-	1	12	-	13
Nayagarh	Pest management	Greengram	Kharif 17	Demonstration on use of Pro supper bag for storage of Pulses(g.gram)	13 units	Pulses	-	-	-	-	-	13	-	13
Nayagarh	Value addition	Mushroom	Kharif 2017-18	Demonstration on yield potential of different strains of paddy strawmushroom ( <i>V. volvacea</i> )	13units	OSM-11	-	-	-	-	-	12	1	13
Nayagarh	AGF	Bamboo, Teak	Kharif 17	Community plantation	2.0 ha	Teak, mangium	-	-	-	-	-	13	-	13
Nayagarh	AGF	Bamboo	Kharif 2017	Propagation of <i>Bambusa vulgaris</i> through culm cutting method	1.0 ha	<i>Bambusa vulgaris</i>	-	-	-	2	3	2	6	13

### 3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check

### 3.4 Training and Extension activities proposed under FLD



KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Nayagarh	Marigold	Field days	1	50	Marigold
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries			
Nayagarh	Brinjal	Field days	1	50	Brinjal
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries			
Nayagarh	Honeybee	Field days	1	50	Honeybee
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries			
Nayagarh	Rice	Field days	1	50	Rice
		Farmers Training	2	50	
		Media coverage	-	-	
		Training for extension functionaries	1	25	
Nayagarh	Pigeonpea	Field days	1	50	Pigeonpea
		Farmers Training	3	75	
		Media coverage	-	-	
		Training for extension functionaries	-	-	
Nayagarh	Maize	Field days	1	50	Maize
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Greengram	Field days	1	50	Greengram
		Farmers Training	3	75	
		Media coverage	1	-	
		Training for extension functionaries	1	25	
Nayagarh	IMC	Field days	1	50	IMC
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Azolla	Field days	2	100	Azolla
		Farmers Training	1	25	
		Media coverage	1	-	

		Training for extension functionaries	-	-	
Nayagarh	Poultry	Field days	1	50	Poultry
		Farmers Training	1	25	
		Media coverage	-		
		Training for extension functionaries	-	-	
Nayagarh	Mushroom	Field days	1	50	
		Farmers Training	1	25	
Nayagarh	A.Mangium	Training for extension functionaries	1	50	A.Mangium
Nayagarh		Media coverage	2	50	-
		Training for extension functionaries	-	-	-

### 3.5 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Nayagarh	Maize	Nilesh	Institute	13	1ha

## 4. Feedback System

### 4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption

### 4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

### Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
<b>Thematic Areas for Training</b>	
CP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	CapacityBuilding and Group Dynamics
AGF	Agro-forestry
OTH	Others
RY	Rural Youth
IS	Extension Personnel

## TRAINING PROGRAMMES

**Table 5.1: Documentation of the need assessment conducted by the KVK for the training programme**

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. Of participants to be involved
Nayagarh	F/FW	Group discussion	Notarapalli	50
Nayagarh	F/FW	Group discussion	KVK campus	25
Nayagarh	F/FW	Group discussion	Bhokilapada	25
Nayagarh	F/FW	Group discussion	KVK campus	25
Nayagarh	F/FW	Group discussion, field visit, survey	Kadambabena	50
Nayagarh	F/FW	Group discussion	Bhaganpur	25

**Table 5.2. Details of Training programmesto be conducted by the KVKs.**

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Nayagarh	FW	OFC	PLP	Integrated mgt. for borer mgt. in maize	1	2	25	11	0	6	0	0	0	8	0
Nayagarh	FW	OFC	PLP	Biological control for sugarcane borers	1	1	25	5	0	7	0	0	0	13	0
Nayagarh	FW	ONC	PLP	Upland rice production technology including IPM for stem borer, BPH, Gandhi bug and cutworm in rice	1	1	25	0	0	7	0	9	0	9	0
Nayagarh	FW	ONC	PLP	IDM for sheath Blight, Blast, BLB, Brown spot in rice	1	1	25	8	0	3	0	0	0	14	0
Nayagarh	FW	OFC	PLP	Mgt. of die back & fruit rot diseases in chilli	1	1	25	5	0	4	0	6	0	10	0
Nayagarh	FW	OFC	PLP	IPM for major insect pest in cole crops	1	1	25	10	0	5	0	0	0	10	0
Nayagarh	FW	ONC	PLP	IPM for major sucking pest in oilseed crops	1	1	25	7	0	4	1	0	0	13	0
Nayagarh	IS	OFC	PLP	Wilt mgt. in solanaceous vegetables	1	2	25	11	3	4	0	0	0	6	1
Nayagarh	FW	ONC	PLP	IPM for fruit & shoot borer in brinjal	1	1	25	0	0	7	0	9	0	9	0
Nayagarh	FW	ONC	PLP	IDM for root rot and YMV in pulses	1	1	25	8	0	3	0	0	0	14	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
Nayagarh	FW	OFC	PLP	IPM for fruit fly in cucurbits	1	1	25	5	0	4	0	6	0	10	0
Nayagarh	FW	OFC	PLP	Integrated measure for oriental fruit fly in mango	1	1	25	10	0	5	0	0	0	10	0
Nayagarh	RY	ONC	PLP	Integrated disease mgt. in vegetable nursery	1	1	20	6	0	4	0	0	0	10	0
Nayagarh	RY	ONC	PLP	Safe as judicious use pesticides	1	2	20	0	0	4	0	6	0	10	0
Nayagarh	IS	ONC	PLP	Modern pest control in methods Managing insect pests of crops	1	2	20	0	0	4	0	6	0	10	0
Nayagarh	FW	OFC	HOF	Planting technique in mango	1	1	25	15	0	5	3	2	0	0	0
Nayagarh	FW	OFC	HOF	Growth regulator application in mango	1	1	25	5	0	3	0	2	0	11	
Nayagarh	FW	OFC	HOV	Techniques of seedling raising in polytunnel	1	1	25	5	0	3	2	0	2	13	0
Nayagarh	FW	OFC	HOO	Production technology of kharif marigold	1	1	25	5	0	3	0	2	0	11	4
Nayagarh	IS	ONC	HOF	Rejuvenation of senile mango orchards	1	2	25	5	0	3	0	2	0	12	3
Nayagarh	FW	OFC	HOV	ICM in cucurbits	1	1	25	12	3	5	0	3	2	0	0
Nayagarh	FW	OFC	HOF	ICM in cashew	1	1	25	5	5	2	2	5	5	1	0
Nayagarh	FW	ONC	HOF	Inter cropping in orchards	1	1	25	12	3	5	0	3	2	0	0
Nayagarh	FW	OFC	HOF	ICM in brinjal	1	1	25	5	5	2	2	5	5	1	0
Nayagarh	FW	OFC	FIS	Nursery pond management	1	1	25	2	0	2	0	0	0	21	0
Nayagarh	FW	OFC	FIS	Yearling production practice	1	1	25	1	0	0	0	2	2	16	4
Nayagarh	FW	OFC	FIS	Pisciculture in community pond	1	1	25	1	0	1	0	0	0	24	0
Nayagarh	FW	OFC	FIS	Composite fish culture	1	1	25	2	0	2	0	2	0	19	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
Nayagarh	FW	OFC	FIS	Polyculture of freshwater prawn with IMC	1	1	25	0	0	0	0	0	0	25	0
Nayagarh	FW	ONC	FIS	Use of Farm made feed and its preparation	1	1	25	2	0	0	6	2	0	12	3
Nayagarh	FW	OFC	FIS	Natural food production in fish pond	1	1	25	0	0	0	0	0	0	25	0
Nayagarh	FW	ONC	FIS	Backyard poultry rearing	1	2	25	0	0	2	2	2	1	15	3
Nayagarh	FW	OFC	FIS	Reservoir fishery	1	1	25	0	0	10	10	0	0	5	0
Nayagarh	FW	OFC	FIS	Major diseases of freshwater fish and its control	1	1	25	1	0	2	0	1	0	22	0
Nayagarh	FW	ONC	LPM	Azolla production and its use as feed	1	2	25	1	0	3	0	0	0	18	3
Nayagarh	FW	OFC	LPM	Feeding and disease management of goatery /sheepery	1	1	25	0	0	4	6	0	0	8	7
Nayagarh	RY	OFC	FIS	Yearling production practice	1	2	20	2	0	2	0	1	0	15	0
Nayagarh	RY	ONC	FIS	Ornamental fish culture	1	2	20	2	0	2	0	0	0	12	4
Nayagarh	IS	ONC	FIS	Nutritional requirement and feed management in different species in aquaculture system	1	1	25	1	2	1	0	1	0	16	4
Nayagarh	FW	OFC	AEG	Micro irrigation	1	1	25	1	3	0	0	1	0	16	4
Nayagarh	FW	OFC	AEG	Plasticulture application	1	2	25	0	5	0	10	0	5	0	5
Nayagarh	FW	OFC	AEG	Water mgt. in field crops	1	1	25	0	5	0	10	0	5	0	5
Nayagarh	FW	OFC	AEG	Repair & maintenance of farm implements	2	2	50	6	0	4	0	6	0	34	0
Nayagarh	FW	OFC	AEG	Water conservation	1	1	25	0	5	0	10	0	5	0	5
Nayagarh	FW	OFC	AEG	Operation & maintenance of harvesting implements	1	1	25	3	0	2	0	3	0	17	0
Nayagarh	FW	OFC	AEG	Working principle & operation of seed drill.	1	1	25	0	5	0	10	0	5	0	5
Nayagarh	FW	OFC	AEG	Use of farm impliments in farming systems	1	1	25	5	1	0	4	10	0	5	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
Nayagarh	FW	OFC	AEG	Use of power operated sun flower thresher.	1	1	25	4	0	0	4	12	0	5	0
Nayagarh	FW	OFC	AEG	Use of bullock drawn potato digger.	1	1	25	2	1	0	4	13	0	5	0
Nayagarh	RY	ONC	AEG	Entrepreneurship development through farm mechanisation	1	2	20	2	5	0	0	0	4	8	6
Nayagarh	RY	ONC	AEG	Cost Economics of a Agro Service Centre model	1	1	20	3	4	0	0	0	4	8	6
Nayagarh	RY	ONC	AEG	Micro Irrigation system and protected cultivation		1	20								
Nayagarh	IS	ONC	AEG	Water management in horticultural crops.	1	1	25	6	0	1	0	0	0	10	8
Nayagarh	RY	ONC	WOE	Value added products from oyster mushroom	1	1	25	0	3	0	2	0	0	0	20
Nayagarh	FW	OFC	WOE	Drudgery reduction of farm women by using sun flower threshing bench	1	2	25	2	0	0	0	5	0	10	8
Nayagarh	IS	ONC	WOE	Enterprenurship development	1	1	25	0	5	0	10	0	5	0	5
Nayagarh	FW	OFC	WOE	Store grain pest mgt. by using pro super bag in pulses	1	1	-	-	-	-	-	-	-	-	-
Nayagarh	FW	OFC	WOE	Vermicomposting for upliftment of farm women	1	2	25	3	0	5	0	0	0	17	0
Nayagarh	FW	OFC	WOE	Cultivation of paddy straw mushroom using different strains i.e OSM-11	1	1	25	3	0	5	0	0	0	17	0
Nayagarh	FW	OFC	WOE	Cultivation of oyster mushroom using different substrate	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	OFC	WOE	Poultry rearing in backyard for empowerment of farm women	1	1	25	3	0	2	0	3	0	17	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
Nayagarh	FW	OFC	WOE	Varietal replacement of oyster mushroom spawn for cultivation	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	OFC	WOE	Improved nursery mgt. in off season for empowering the farm women	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	OFC	WOE	Using women friendly equipment in vegetable.	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	OFC	WOE	Value added product of mango(leather preparation)	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	OFC	WOE	Nutritional gardening in backyard	1	1	25	2	1	1	0	0	0	18	3
Nayagarh	FW	OFC	WOE	Value added from jackfruit	1	1	25	2	1	1	0	0	0	18	3
Nayagarh	FW	OFC	WOE	Reducing drudgery of farm women by using mahua decorticator	1	1	25	0	5	0	5	0	10	18	5
Nayagarh	FW	ONC	CBD	Weed Mgt. in rice	1	1	25	0	0	5	0	0	0	20	0
Nayagarh	FW	OFC	CBD	Scientific management of Arhar cultivation technology	1	1	25	3	0	5	0	0	0	17	0
Nayagarh	FW	OFC	CBD	Scientific management of Green gram cultivation technology	2	2	50	0	0	4	2	2	1	37	4
Nayagarh	FW	ONC	CBD	Scientific management of sesame cultivation technology	2	2	50	6	0	10	0	0	0	34	0
Nayagarh	FW	OFC	CBD	Co-operative and contract farming	1	1	25	3	0	5	0	0	0	17	0
Nayagarh	FW	OFC	CBD	Group Management	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	OFC	CBD	ITK in Agriculture	2	2	50	4	0	3	0	0	0	43	0
Nayagarh	FW	OFC	CBD	Capacity building for ICT Application	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	RY	ONC	CBD	Formation of	1	1	25	4	0	3	0	0	0	18	0



Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
				Farmers Club & importance											
Nayagarh	IS	ONC	CBD	Management of Training Programme	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	ONC	AGF	Growing acacia mangium for profit	1	1	25	5	6	1	2	2	2	5	3
Nayagarh	FW	ONC	AGF	Growing of Eucalyptus for industrial use	1	1	25	2	2	3	3	2	2	6	5
Nayagarh	FW	ONC	AGF	Propagation of bamboos for culm cutting method	1	1	25	2	5	3	4	2	2	4	3
Nayagarh	FW	ONC	AGF	MPT and their cultivation techniques	1	1	25	2	5	3	4	2	2	4	3
Nayagarh	FW	ONC	AGF	Meeting of fuel wood through homestead forestry	1	1	25	5	6	1	2	2	2	5	3
Nayagarh	FW	ONC	AGF	Important medicinal plants and their uses	1	1	25	5	6	1	2	2	2	5	3
Nayagarh	FW	ONC	AGF	Environmental pollution	1	1	25	2	2	3	3	2	2	6	5
Nayagarh	FW	ONC	AGF	Natural resources management	1	1	25	2	5	3	4	2	2	4	3
Nayagarh	RY	ONC	AGF	Development and maintenance of forest nursery and raising of quality planting materials	1	1	25	2	5	3	4	2	2	4	3
Nayagarh	IS	ONC	AGF	Agro forestry models for rainfed areas	1	1	25	5	6	1	2	2	2	5	3

**Table 5.3.**Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Nayagarh	Integrated fish farming	IFS	Income Generation	5	1	0	1	2	16	0
Nayagarh	Bee Keeping	Apiculture	Income Generation	5	2	0	2	0	16	0
Nayagarh	Techniques of quality planting material production in	Mango,	Income generation	5	4	2	2	2	5	5

	fruit crops	lime, guava								
Nayagarh	Value addition of Fruits & Vegetables	Value addition	Income generation	5	0	4	0	2	0	14
Nayagarh	Mushroom spawn production technology	Mushroom	Income generation	5	4	2	2	2	4	6
Nayagarh	Operation and maintenance of harvesting implements used in paddy cultivation	Enterprise	Mechanization	5	3	1	3	1	0	14

**Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs**

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Nayagarh	Mushroom spawn production technology	Mushroom units	48	57	20
Nayagarh	Bee Keeping	Apiary	45	85	28
Nayagarh	Quality planting material production of fruit crops	Nursery	7	14	17

**Table 5.5. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RV/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		

**Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members :NA**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RV/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		

**Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)**

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	

## EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
	Field Day	21	0	480	220	282	68	32	11	0	0	0
	KisanMela	2	0	112	48	33	7	4	2	0	0	0
	KisanGhosthi	2	0	27	3	8	2	0	0	0	0	0
	Exhibition	4	0	120	27	36	17	0	0	0	0	0
	Film Show	60	0	802	298	314	86	0	0	0	0	0
	Method Demonstrations	2	0	25	7	5	3	0	0	0	0	0
	Farmers Seminar	2	0	31	8	9	2	0	0	0	0	0
	Workshop	6	0	0	0	0	0	0	0	0	0	0
	Group meetings	4	0	61	14	18	7	0	0	0	0	0
	Lectures delivered as resource persons	15	0	86	18	17	5	0	0	0	0	0
	Newspaper coverage	10	0	0	0	0		0	0	0	0	0
	Radio talks	8	0	0	0	0		0	0	0	0	0
	TV talks	8	0	0	0	0		0	0	0	0	0
	Popular Articles	8	0	0	0	0		0	0	0	0	0
	Extension Literature	5	0	0	0	0		0	0	0	0	0
	Farm Advisory Services	80	0	0	0	0		0	0	0	0	0
	Scientific visit to farmers field	170	0	0	0	0		0	0	0	0	0
	Farmers Visit to KVK	500	0	0	0	0		0	0	0	0	0
	Diagnostic Visits	96	0	125	18	29	8	0	0	0	0	0
	Exposure Visits	2	0	16	0	4	0	0	0	0	0	0
	Ex-trainees Sammelan	4	0	147	16	32	5	0	0	0	0	0
	Soil Health Camp	2	0	74	11	12	3	0	0	0	0	0
	Animal Health Camp	3	0	95	17	26	12	0	0	0	0	0
	Agri Mobile Clinic	0	0		0	0	0	0	0	0	0	0
	Soil Test Campaigns	2	0	80	12	8	0	0	0	0	0	0
	Farm Science Club conveners meet	1	0	14	0	6	0	0	0	0	0	0
	Self Help Group conveners meetings	4	0	0	80	0	20	0	0	0	0	0

## 7. Production and supply of Technological products

### 7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Nayagarh	Sugar crops	Sugarcane	CO-OR-04-152 (Raghunath) and CO-OR-03-151(Sabita)		250qtl	qtl	58000	25
Nayagarh								

### 7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
	Forest tree species	Teak	Jan-Feb	-	-	Teak	Seedlings	500	2500	4000	-
	Forest tree species	Mangium	Jan-Feb	-	-	Mangium	Seedlings	500	2000	4000	-
	Vegetable seedling	Tomato	Kharif& Rabi	-	-	Hybrids	Seedlings	40000			-
		Brinjal	Kharif& Rabi	-	-		Seedlings				-
		Onion	Rabi	-	-		Seedlings				-
		Cauliflower	Rabi	-	-		Seedlings				-
		Cabbage	Rabi	-	-		Seedlings				-
	Mushroom cultivation	Mushroom	March-Feb	-		P.sajorcaju V.volvacea	-	200 kg	7800	16000	
	Mushroom spawn	Mushroom	Round the year	-			Mushroom spawn	3000	30000	45000	-
	Apiary	Honeybee	Rabi	-		Apisceranaindica	Honey	25kg	3000	7500	

### 7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
	BIOAGENTS				
	BIOFERTILIZERS (Vermi-compost)	8qtl	3100	6000	Increases WHC, Porosity and organic carbon content of the soil
	BIO PESTICIDES (Vermiwash)				

### 7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
	Cattle						
	Buffalo						
	Sheep and Goat						
	Poultry	Vanaraja/Pallishree	21 days chicks	1500	62200	82500	Fast growing/ High egg production, backyard poultry
	Fisheries	Fry fingerlings, Ornamental fish	Fish seed, Live bearer	20000	5000	9000	
	Others (Specify)						

## 8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Mridaparikhyak

Year of establishment : 2015

### 8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
	Soil Sample	120	600	15	-	-
	Water Sample	30	30	12	-	-

**9. Rainwater Harvesting, if available: NA**

**Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit**

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total

**10. Kisan Mobile Advisory (KVK-KMA)**

KVK Name	No. of messages to be sent	No. of beneficiaries	Major recommendations
Nayagarh	55	5000	INM, IWM, IPM, Introduction of new varieties/ breeds

**11. Details of SAC Meeting**

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
	Kharif SAC August, 2017	22	
	Rabi SAC January, 2018	22	

**12. Literature to be Last Developed/Published (with full title, author & reference)**

**2.1 KVK Newsletters**

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Nayagarh	April-June	Quarterly	500	500
Nayagarh	July-Sept	Quarterly	500	500
Nayagarh	Oct- December	Quarterly	500	500
Nayagarh	January- March	Quarterly	500	500

**12.2 Details of Electronic Media to be Produced**

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Nayagarh	CD	Mushroom spawn production technology	50
Nayagarh	CD	SSI in sugarcane	60

### 12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
		Type	Title	Author's name	Number of copies
Research Paper	1				
Technical bulletins	5	-	-	A.Panda T. Khandaitaray, , T. Badjena, , S sahu,S.Dwivedy, B.Rout	198
Technical reports	-	-	-	-	-
Popular article	8		Annually	A.Panda.S.Sahu,T.K.Ray, S.Dwivedy	198
Newspaper coverage	85			T.badjena	85261
<b>Year Planner</b>	1	1 <sup>st</sup> April, 2017	Annually	A.Panda	100

### 13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
	ATMA					
	MNREGA					
	NHM					
	RKVY					
	DRDA					
	ZilaPanchyat					
	SeedVillage					
	NAIP					
	Climate Change					
	Others (Plz. Specify)					

### 14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): 25

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Nayagarh	November	2017-18	QPM in fruit crops	5 days	20	5	
Nayagarh	Sept- Oct	2017-18	Fish production and its management	5 days	20	5	
Nayagarh	March	2017-18	Bee keeping	5 days	20	5	

### 15. Utilization of Staff Quarters. NA

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any

### 16. Details of KVK Agro-technological Park

#### a) Have you prepared layout plan, where sent?

Sr .No.	Name of KVK	Technology park proposal developed (yes/no)	If yes, where sent? (ZPD/DES/any other, pl. sp.)
1	KVK, Nayagarh	Yes	ZPD/DES

#### b) Details about Technology Park: NA

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

#### c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Crop diversification	1



### 17. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of kvk	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Nayagarh	Mr. UllashSahoo	Income generation	Kalikaprasad Ph. No-9938272844
2	Nayagarh	Mr. Biprach.Biswal	SSIE (Motor bed winnower)	Janisahi Ph.No-9658737278
3	Nayagarh	Mr. Pabitrabarad	Manual operated weeder	Hariharpur (M)
4	Nayagarh	Mr. PabitraKhuntia	Low Cost Produce Lifter	Golasahi (M) 9937224235

**18. KVK interaction with progressive farmers-** each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	Oct, 2017	100
2	Feb, 2018	100

### 19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Nayagarh	8	8	3	12

Intensive- OFTS, FLDS etc.

Extensive- Literatures, Publications, Awareness programmes etc.

**20. Technology Demonstration under Tribal Sub Plan on Pulses/Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.:NA**

Sr.	Name of crop under	Area under the	No. of Extension Activities	Remarks / Lessons
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No.	Technology demonstration	programme		learnt

### 21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK, Ganjam-1,Ganjam-II,Kandhamal,Rayagada,Gajapati	Man power, Technology, Inputs	Turmeric, Vermi rearing &HYV Rice

### 22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Nayagarh			
Nayagarh			
Nayagarh			

### 23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Nayagarh		Working	-

### 24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals

### 25. E-CONNECTIVITY (ERNET Lab): NA

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK			

### 26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Nayagarh	Gosthies	2	50	
Nayagarh	Lectures organized	5	250	
Nayagarh	Exhibition	1	100	
Nayagarh	Film show	8	350	
Nayagarh	Fair			
Nayagarh	Farm Visit			
Nayagarh	Diagnostic Practical's			
Nayagarh	Distribution of Literature (No.)	7	350	
Nayagarh	Distribution of Seed (q)			
Nayagarh	Distribution of Planting materials (No.)	1	50	
Nayagarh	Bio Product distribution (Kg)			
Nayagarh	Bio Fertilizers (q)	1	50	
Nayagarh	Distribution of fingerlings (No)	1	50	
Nayagarh	Distribution of Livestock specimen (No.)	1	50	
Nayagarh	Total number of farmers visited the technology week	<b>27</b>	<b>1300</b>	

## 27. INTERVENTIONS ON DROUGHT MITIGATION:

### Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
	Nayagarh	Rice	16	40

### Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
		Oilseeds		
		Pulses		
<b>1</b>	Nayagarh	Cereals	16	40
		Vegetable crops		
		Tuber crops		
		Fruits		
		Spices		
		Cotton		
		<b>Total</b>		

### Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No.of participants
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		Dairy Management		
		Disease management		
		Feed and fodder technology		
		Poultry management		

**Animal health camps to be organized**

Name of KVK	Number of camps	No.of animals	No.of farmers

**Seed distribution in drought hit states**

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Nayagarh	Rice	400qtl	16	40

**Seedlings and Saplings to be distributed**

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
<b>Seedlings</b>				

**Bio-control Agents**

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers

**Bio-Fertilizer**

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
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**Verns Produced**

Name of KVK	Verns Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

**Large scale adoption of resource conservation technologies**

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers

**Awareness Campaign**

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

**28.Proposal of NICRA: NA**

**1. Technologies to be Demonstrated**

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

**2.Proposed Extension Activities in NICRAVillage**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

### 3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

### 4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

### 5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

### 6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit

### 30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Nayagarh	33991533548	-	-	-

### 31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Nayagarh	5	Farmer	OUAT, BBSR KVK, Nayagarh	

### 32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Nayagarh	01	01

