

ANNUAL PROGRESS REPORT

April 2016 to March 2017

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Instructions for Filling the Format

1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.
2. Do not merge columns, rows.
3. Please repeat the name of KVK in each table in the column “Name of KVK”
4. Do not fill the non-numerical values in numeric field
5. Do not repeat the unit while reporting data as it is already mentioned in the heading row
6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit
7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)
8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”
9. Also read the instructions mentioned just below the table
10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format
11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.
12. Grey color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2016 to March 2017

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT			
	On Going OFT	2		30
	Technologies assessed (Completed OFT)	10		196
	Technologies refined			
	On farm trials conducted	12		226
2	Frontline demonstrations			
	Proposed Frontline demonstrations			
	On Going Frontline demonstrations			
	FLDs conducted on crops	11		75
	Area under crops (ha.)	14.4		
	FLD on farm implement and tools			
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)			
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1		30
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	1		15
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers & farm women	43	43	767
	Farm women	43	43	308
	Rural youth	6	12	90
	Extension personnel/ In service	4	4	40
	Vocational trainings			
	Sponsored Training			
	Total			
		No. of programmes	Participants	
4	Extension Programmes	108	10717	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	38.6	OSSC Ltd.	
	Planting material produced (nos.)	40000	15	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)			

7	Bio Products		Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)			
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)		4000	5
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)			
8	Any other significant achievement in the Zone		Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)			
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)			
	KVK News letter			
	SAC Meetings conducted			
	Soil sample tested			
	Water sample tested			
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)			
	KVK-KMA (Message and beneficiaries)			
	Convergence programmes			
	Sponsored programmes			
	KVK Progressive Farmers interaction			
	No. of Technology Week Celebrations			
	Attended HRD activities organized by ZPD		4	3
	Attended HRD activities organized by DES		1	1
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)		6	4
9	Current status of Revolving Funds (Amt. in Rs.)		Functioning Rs 21,500	
10		No. of blocks	No. of villages	
	Outreach of KVK in the District	10	368	
11		ICAR	SAU	Others
	No. of important visitors to KVK (nos.)		1	2
12		Working (Yes/No)	No. of Update	
	Status of KVK Website	yes	12	
13		Application received	Application disposed	
	Status of RTI (nos.)			
14		Query received	Query dissolved	
	Citizen Charter (nos.)			
15		Working (Yes/No)	No. of programme viewed	
	E-connectivity			
16		Filled	Vacant	
	Staff Position	9	7	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	11		
18	Publication received from ICAR /other organization (nos.)			
19		Particulars	Organization	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)			

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2017

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Nabarangpur	16	1	1	6	3	3	1	6	4	16	9

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
	Programme Coordinator	G.C.Sahoo	Soil Science	M.Sc.(Ag.) PGDAEM PGDTMA	Soil Science Agril Extension Management Technology Management in Agril	15600-39100	29070+ GP 6000	10.03.2014	Permanent	Others
	Subject Matter Specialist1	Dibyanjan Mishra	Plant science	M.Sc(Ag)	Plant Breeding and Genetics	15600-39100	16250 + GP 6000	01.06.2015	Permanent	Gen
	Subject Matter Specialist2	Dr. Subhas Hansda	Plant Pathology	Ph.D	Mycology	15600-39100	16250 +GP 6000	16.12.2015	Permanent	ST
	Subject Matter Specialist3	Paritosh Murmu	Agronomy	M.Sc.(Ag.)	Agronomy	15600- 39100	16250+GP 6000	01.01.2016	Permanent	ST
	Subject Matter Specialist4									
	Subject Matter Specialist5									
	Subject Matter Specialist6									
	Programme Assistant									
	Farm Manager	Binapani Taria	Floriculture & Land Scaping	M.Sc.(Ag.)	Floriculture and land Scaping	9300- 34,000+GP 4200	Basic 9300+ GP4200	06.02.2015	Permanent	SC
	Computer Programmer									

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
	Accountant / superintendent									
	Stenographer									
	Driver	Janmejaya Sahoo	-	B.A.	-	5,200-20,200+GP1900	6600 + GP 1900	25.07.08	Permanent	Other
	Driver	R.K. pattnaik		H.S.		5,200-20,200+GP1900	6600 + GP 1900	20.08.2016	Permanent	Gen
	Supporting staff	Bharat Jena	-	--	-	4,440-7,440+GP1300	5580+ GP 1300	30.07.08	Permanent	Others
	Supporting staff	Hrushikesh Pradhan	-	---	-	4,440-7,440+GP1500	4940+ GP 1500	02.08.08	Permanent	Others

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
Nabarangapur	Eastern Ghat High Land Zone	10	169	12,18,763	48.2%	7,08, 000	975010	1.24 ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (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)
Nabarangpur	Chikal padar	2015	Umerkote	10	1020	255
Nabarangpu	Monoguda	2015	Jharigaon	12	1510	302
Nabarangpu	Junapani	2015	Dabugaon	40	1188	297
Nabarangpur	Maidalpur	2015	Papadahandi	60	1107	246
Nabarangpur	Sindhiguda	2015	Nabarangpur	70	1345	269

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

KVK Name	THRUST AREA
Nabarangpur	1.Integrated Crop management
Nabarangpur	2. Post harvest Management and value addition in maize.
Nabarangpur	3.Crop Diversification
Nabarangpur	4. Varietal Substitution
Nabarangpur	5.Mushroom cultivation and Back yard poultry
Nabarangpur	6.Integrated Nutrient management
Nabarangpur	7.Integrated Pest management.
Nabarangpur	8.Post harvest management in Fruits and vegetables
Nabarangpur	9.Agroforestry
Nabarangpur	10.Vermi composting
Nabarangpur	11. Farm Mechanization
Nabarangpur	12. Promoting the SHGs and Farmers clubs

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Nabarangpur	Monoculture of Paddy and Maize	Field visit,Farmers Interaction,Group discusion	Chikanpadar (Umerkote)
Nabarangpur	Lack of processing and value addition facilities for fruits & vegetables	Field visit,Farmers Interaction Group discusion	Monoguda(Jharigaon)
Nabarangpur	Degradation of Natural Resources, threatening sustainability	Field visit,Farmers Interaction Group discusion	Junapani (Dabugaon)
Nabarangpur	Rain-fed & subsistence agriculture	Field visit,Farmers Interaction Group discusion	Maidalpur(Papadahandi)
Nabarangpur	Lack of Insectpest and Disease management practices	Field visit,Farmers Interaction Group discusion	Sindhiguda (Nabarangpur)

2. On Farm Testing (OFT)

Note-

- Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.
- Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.
- Don't press enter key to navigate among column use arrow or tab key
- don't add space before or after statement within the table cell
- Kindly mention realistic estimated yield of your crop under trail.
- If crop has been not yet harvested, mark it * on that

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	RP (T ₂)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Nabarangpur	2016-17	Khari f	Yellow stem borer in Rice	Assessment of light trap in rice for yellow stem borer Management	Assessment	IPM	Rice	Rainfed	15	37	42	13.51	13400	18400		Recommended for large scale adoption
Nabarangpur	2016-17	Khari f	False smut in Rice	Assessment of IDM for management of falsesmut in rice	Assessment	IDM	Rice	Rainfed	15	36	41	13.88	11700	16200		Recommended for large scale adoption
Nabarangpur	2016-17	Rabi	Fruit fly in Mango	Assessment of IPM in Mango	Assessment	IPM	Mango	Rainfed	15	*	*	*	*	*		Ongoing trial
Nabarangpur	2016-17	Rabi	Canopy management in mango	Assessment of NAA and Beaurdux Paste	Assessment	IDM	Mango	Rainfed	15	*	*	*	*	*		Ongoing trial

			orchard	for canopy management in mango												
Nabarang pur	2016-17	Khari f	Low yield in traditional variety(Bharati)	Assessment of rice variety Ranidhan in low land rainfed condition	Assessment	Varietal evaluation	Rice	Rainfed	13	35	45	28.57	20000	30000		Recommended for large scale adoption
Nabarang pur	2016-17	Khari f	Low yield	Assessment of Tricontanol in Brinjal	Assessment	INM	Brinjal	Rainfed	13	85	120	41.17	128000	195000		Recommended for large scale adoption
Nabarang pur	2016-17	Khari f	Low yield in traditional variety	Assessment of stress tolerance rice variety SUB ₁ BD11(BIN A11)	Assessment	Varietal evaluation	Rice	Rainfed	25	30	40	33.33	14800	24500		Recommended for large scale adoption
Nabarang pur	2016-17	Khari f	Low yield in traditional variety	Assessment of stress tolerance rice variety DRR DHAN76642	Assessment	Varietal evaluation	Rice	Rainfed	50	30	37.5	25	15200	22000		Recommended for large scale adoption
Nabarang pur	2016-17	Khari f	Heavy Weed in Rice	Assessment of Metsulfuron methyl+Chlorimuron ethyl for weed management in transplanted rice	Assessment	IWM	Rice	rainfed	20	36	41	13.88	22500	28150		Recommended for large scale adoption
Nabarang pur	2016-17	Khari f	Low net return from maize	Assessment of Crop substitution with potato for hybrid maize in upland condition in rabi season	Assessment	Crop substitution	maize	Partially irrigated	15	52	282	442	40200	72600		Recommended for large scale adoption
Nabarang pur	2016-17	Rabi	Imbalanced fertilizer in Brinjal ,Low yield , high	Assessment of STB FA in brinjal	Assessment	SFM	Brinjal	Partially irrigated	15	145	189	30.34	94000	135677		Recommended for large scale adoption

			cost of cultivation													
Nabarangpur	2016-17	Rabi	Harvesting of rice is late	Assessment of late planting in potato under partially irrigated upland condition	Assessment	Crop Production	Potato	Partially irrigated	15	275	272	Yield difference is negligible.	55000	53500		Recommended for large scale adoption

2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Nabarangpur	Assessment of light trap in rice for yellow stem borer Management	Yield(q/ha)	37	42	31000	32000		44400	50400		13400	18400		1.44	1.58	
Nabarangpur	Assessment of IDM for management of false smut in rice	Yield(q/ha)	36	41	31500	33000		43200	49200		11700	16200		1.37	1.49	
Nabarangpur	Assessment of IPM in Mango	Yield(q/ha)	OFT Continuing													
Nabarangpur	Assessment of NAA and Beaurdux Paste for canopy management in mango	Yield(q/ha)	OFT Continuing													
Nabarangpur	Assessment	Yield(q/ha)	35	45	22000	24000		42000	54000		20000	30000		1.90	2.25	

ur	t of rice variety Ranidhan in low land rainfed condition															
Naba rangpur	Assessment of Tricontanol in Brinjal	Yield (q/ha)	85	120	42000	45000		170000	240000		128000	195000		4.04	5.33	
Naba rangpur	Assessment of stress tolerance rice variety SUB1BD11(BINA11)	Yield (q/ha)	30	40	21200	23500		36000	48000		14800	24500		1.69	2.04	
Naba rangpur	Assessment of stress tolerance rice variety DRR DHAN76642	Yield (q/ha)	30	37.5	20800	23000		36000	45000		15200	22000		1.73	1.95	
Naba rangpur	Assessment of Metsulfuron methyl+Chlorimuron ethyl for weed management in transplanted rice	Yield (q/ha)	36	41	22500	23100		45000	51250		22,500	28,150		2.0	2.22	

Nabarangpur	Assessment of Crop substitution with potato for hybrid maize in upland condition in rabi season	Yield (q/ha)	52	282	22200	82500	62400	155100	40,200	72,600	2.81	1.88
Nabarangpur	Assessment of STB FA in brinjal	Yield (q/ha)	145	189	51000	53323	1,45,000	1,89,000	94,000	1,35,677	2.84	3.54
Nabarangpur	Assessment of late planting in potato under partially irrigated upland condition	Yield (q/ha)	275	272	82500	82500	137500	136000	55000	53,500	1.66	1.65

2.3 Information about Home Science OFT: (For All Thematic Area)

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations

2.4 (A) Economic Performance Home Science OFT: (For Drudgery Reduction)

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

2.4 (B) Economic Performance Home Science OFT: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.4 (C) Economic Performance Home Science OFT: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.4(D) Economic Performance Home Science OFT: (For Nutritional security)

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
KVK,Nabarangpur	Stress tolerant rice var Bina-11 and DRR dhan 42 perform well in district Nabarangpur.

3. Achievements of Frontline Demonstrations (FLD)

3.1. Follow-up for results of FLDs implemented during previous years

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, Nabarangpur	Vermicomposting	Production of Organic inputs	Production of vermicompost with Eudrillus eugenea with layer by layer of chopped maize stalk	Group discussion, Trainings Farmer Scientist Interaction, FLDs ,Field days	25	60	60 no.
KVK, Nabarangpur	Brinjal	Varietal substitution	Varietal substitution with wilt resistant var Bhairabi(Hyb.) for wilting problem in Brinjal.	Group discussion, Trainings Farmer Scientist Interaction, FLDs ,Field days	50	300	200 ha
KVK, Nabarangpur	tomato	Varietal substitution	Varietal substitution with wilt resistant var tokitadeshi (Hyb.) for wilting problem in tomato.	Group discussion, Trainings Farmer Scientist Interaction, FLDs ,Field days	50	300	200 ha
KVK, Nabarangpur	Onion	PLP	Application of Cupper Oxy Chloride in Onion against leaf blotch.	Group discussion, Trainings Farmer Scientist Interaction, FLDs ,Field days	30	300	100ha
KVK, Nabarangpur	Chilli	PLP	Application of imidachloprid alternate with thiomethoxam for white fly in Chilli	Group discussion, Trainings Farmer Scientist Interaction, FLDs ,Field days	20	200	100 ha
KVK, Nabarangpur	Knolkhol	Varietal substitution	Cultivation of Pre rabi knolkhol var NEO(F1 Hyb.)	Group discussion, Trainings Farmer Scientist Interaction,	20	200	100 ha

				FLDs ,Field days			
KVK, Nabarangpur	Radish	Varietal substitution	Cultivation of Radish var Pusha Chetki	Group discussion,Trainings Farmer Scientist Interaction, FLDs ,Field days	30	300	100ha
KVK, Nabarangpur	Maize	Crop production	Foliar(2%) application of DAP in Maize	Group discussion,Trainings Farmer Scientist Interaction, FLDs ,Field days	50	300	200 ha
KVK, Nabarangpur	Rice	Crop Production	Foliar (0..2%) application of Boron in Rice	Group discussion,Trainings Farmer Scientist Interaction, FLDs ,Field days	50	300	200 ha
KVK, Nabarangpur	Maize- maize	Crop Diversification	Crop diversification to vegetables in rabi season in maize –maize Cropping system	Group discussion,Trainings Farmer Scientist Interaction, FLDs ,Field days	50	300	200 ha
KVK, Nabarangpur	Rice-rice	Crop diversification	Crop diversification to vegetables in rabi season in rice –rice Cropping system	Group discussion,Trainings Farmer Scientist Interaction, FLDs ,Field days	50	300	200 ha

Note-

- **Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**
- ***Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.**
- ***Don't press enter key to navigate among col use arrow or tab key**
- ***don't add space before or after statement within the table cell**
- **Kindly mention realistic estimated yield of your crop under Demonstration.**
- **If crop has been not yet harvested, mark it * on that**

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Nabarangpur	2016-17	Kharif	PLP	Leaf blight management	Maize	Management of leaf blight in maize	1ha	41	47	14.63	0	05	0	0	05
Nabarangpur	2016-17	Kharif	PLP	IPM	Rice	Integrated pest management in Rice	1ha	37	40	8.1	0	05	0	0	05
Nabarangpur	2016-17	Kharif	PLP	Leaf folder management	Rice	Management of leaf folder in Rice	1ha	34	39	14.17	0	05	0	0	05
Nabarangpur	2016-17	Kharif	Crop diversification	Cultivation of Kharif Tomato	Tomato	Variety BT-10	1ha	55	164		0	05	0	0	05
Nabarangpur	2016-17	Kharif	Crop diversification	Intercropping of cowpea in maize(2:2)	Maize+cowpea	Variety Utkal Manik	1ha	55	58MEY	5.4	0	05	0	0	05
Nabarangpur	2016-17	Rabi	Crop diversification	Cultivation of sweetcorn for green cob and fodder	Sweet corn	Variety Sugar-75	0.4ha	55	50000Green cob/96.15 MEY	74.81	0	05	0	0	05
Nabarangpur	2016-17	Kharif	SFM	Application of Boron in Maize	Maize	Borax (10.5 %) 10 Kg /ha Basal	5 ha	42.5	52	22.3	0	25	0	0	25
Nabarangpur	2016-17	Kharif	INM	INM in Rice	Rice	Azotobacter % Kg /ha ,PSB 5 Kg /ha ,STBFA	1 ha	35.5	41.75	17.6	0	5	0	0	5
Nabarangpur	2016-17	Rabi	INM	INM in Brinjal	Brinjal	Azotobacter % Kg /ha ,PSB 5 Kg /ha , Vermicompost 5 ton /haSTBFA (75 % N+ full P + full K)	1 ha	130	175	34.61	0	5	0	0	5
Nabarangpur	2016-17	Rabi	SFM	Application of Boron in Cauliflower	cauliflower	Borax (10.5 %) 10 Kg /ha baasal	1 ha	148	185	25	0	5	0	0	5
Nabarangpur	2016-17	Rabi	SFM	Application of Boron in Knolkhol	Knolkhol	Borax (10.5 %) 10 Kg /ha basal	1 ha	74	103.6	40	0	5	0	0	5

Nabarangpur	2016-17	Rabi	Mushroom	Cultivation of oyster Mushroom	Oyster mushroom	Oyester Mushroom	300bed	0	1.6 Kg /bed	100		30			30
Nabarangpur	2016-17	Kharif	Nutritional garden	Nutritional garden	Vegetables	Tomato,Brinjal,chilli,drumstick,papaya	200 sq. mt.	0	200 Kg	100		15			15

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	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	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Nabarangpur	Management of leaf blight in maize	Maize	Yield (q /ha)	41	47	20500	21000	51250	58750	30250	38250	2.4	2.8
Nabarangpur	Integrated pest management in Rice	Rice	Yield (q /ha	37	40	31000	32000	40300	46800	9300	14800	1.3	1.46
Nabarangpur	Management of leaf folder in Rice	Rice	Yield (q /ha	34	39	30000	31000	40800	46800	9800	16800	1.32	1.56
Nabarangpur	Cultivation of Kharif Tomato	Tomato	Yield (q /ha	55	164	35000	50000	71500	131200	36500	81200	2.04	2.62
Nabarangpur	Intercropping of cowpea in maize(2:2)	Maize+cowpea	Yield (q /ha	55	58MEY	35000	30000	71500	75400	36500	45400	2.04	2.51
Nabarangpur	Cultivation of sweetcorn for green cob and fodder	Sweet corn	Yield (q /ha	55	50000Green cobs/96.15 MEY	35000	55000	71500	125000	36500	70000	2.04	2.27
Nabarangpu	Application of Boron in Maize	Maize	Yield (q /ha	42.5	52	20000	22200	51000	62400	31000	40200	2.55	2.81

Nabarangpu	INM in Rice	Rice	Yield (q /ha	35.5	41.75	22500	25563	44375	52187	21875	26624	1.97	2.04
Nabarangpu	INM in Brinjal	Brinjal	Yield (q /ha	130	175	51000	54393	104000	140000	53000	85607	2.04	2.57
Nabarangpu	Application of Boron in Cauliflower	cauliflower	Yield (q /ha	148	185	41000	42800	148000	185000	1,07,000	142200	3.47	4.32
Nabarangpu	Application of Boron in Knolkhol	Knolkhol	Yield (q /ha	74	103.6	41000	42800	88800	103600	47800	60800	2.16	2.42
Nabarangpur	Cultivation of mushroom	Oyster mushroom	Yield (Kg/bed)	0	1.5	0	Rs 52/bed	0	Rs 180/bed	0	Rs 128/bed	0	3.46
Nabarangpur	Nutritional garden	Brinjal,chilli,tomato, Drumstick,papaya	Yield (Kg/200 sq mt)	0	200	0	Rs 500	0	Rs 4000	0	Rs 3500	0	7.0

3.4 Information about Home Science FLDs - (For All Thematic Area)

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Enterprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries

3.5 (A) Economic Performance Home Science FLD: (For Drudgery Reduction)

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.5 (B) Economic Performance Home Science FLD: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.5 (C) Economic Performance Home Science FLD: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.5 (D) Economic Performance Home Science FLD: (For Nutritional security)

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)						Anthropometric measurements							
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
KVK, Nabarangpur	Rice	Training	2	50	
KVK, Nabarangpur	Maize	Training	2	50	

3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

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
KVK,	Excellant	Group contact	Will increase the Profit	Yes

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
KVK, Nabarangpur	Stress tolerant rice var Bina 11 and DRRDhan42 perform well in Nabarangpur District.

4. 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 involved
KVK, Nabarangpur	F& FW	Field visits	4.4.2016 , Junapani	35
		Field visits	6.04.2016, Monoguda	36
		Field visits	18.05.2016 Chikal padar	41
		Field visits	19.05.2016 Sindhiguda	30
			20.05.2016 Maidalpur	35
	RY	Field Visits, Group Interaction	17.05.2016 Monoguda	25
		Field Visits, Group Interaction	25.05.2016 Sankumari	25
	IS	Interaction with heads of line dept. at Monthly Research –extension Linkage Meeting	15.11.2016 , KVK Campus	25

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
Thematic Areas for Training	
CRP	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	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Nabarangpur	F & FW	OFC	PLP	Integrated pest management in rice	1	1	0	0	0	0	18	07	0	0
Nabarangpur	F & FW	OFC	PLP	Safe use of Agro-chemicals	1	1	0	0	0	0	19	06	0	0
Nabarangpur	F & FW	OFC	PLP	Integrated pest management in rice	1	1	0	0	0	0	12	13	0	0
Nabarangpur	F & FW	OFC	PLP	Insect pest management of Solanaceous vegetables	1	1	0	0	0	0	18	07	0	0
Nabarangpur	F & FW	OFC	PLP	Integrated disease management in rice	1	1	0	0	0	0	19	06	0	0
Nabarangpur	F & FW	OFC	PLP	Mushroom cultivation for higher income	1	1	0	0	0	0	13	12	0	0
Nabarangpur	F & FW	OFC	PLP	Integrated disease management in Maize	1	1	0	0	0	0	19	06	0	0
Nabarangpur	F & FW	OFC	PLP	Safe use of Agro-chemicals	1	1	0	0	0	0	17	08	0	0
Nabarangpur	F & FW	OFC	PLP	integrated pest management in rice	1	1	0	0	0	0	20	05	0	0
Nabarangpur	F & FW	OFC	PLP	Integrated disease management in maize	1	1	0	0	0	0	15	10	0	0
Nabarangpur	F & FW	OFC	PLP	Storage techniques for cereals	1	1	0	0	0	0	18	07	0	0
Nabarangpur	F & FW	OFC	PLP	Seed treatment for cereals crop	1	1	0	0	0	0	16	09	0	0
Nabarangpur	F & FW	OFC	PLP	Storage techniques for pulses	1	1	0	0	0	0	14	11	0	0
Nabarangpur	F & FW	OFC	PLP	Storage techniques for pulses	1	1	0	0	0	0	22	03	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Nabarangpur	F & FW	OFC	PLP	Safe use of Agro-Chemicals	1	1	0	0	0	0	20	05	0	0
Nabarangpur	F & FW	OFC	PLP	Safe use of Agro-chemicals	1	1	0	0	0	0	17	08	0	0
Nabarangpur	F & FW	OFC	PLP	Storage techniques for pulses	1	1	0	0	0	0	17	08	0	0
Nabarangpur	F & FW	OFC	PLP	Integrated disease management in maize	1	1	0	0	0	0	15	10	0	0
Nabarangpur	F & FW	OFC	PLP	Storage techniques for cereals	1	1	0	0	0	0	22	03	0	0
Nabarangpur	F & FW	OFC	CRP	Intercropping of cowpea in maize	1	1	0	0	0	0	20	5	0	0
Nabarangpur	F & FW	OFC	CRP	Raising Techniques of seedlings of Kharif Rice	1	1	0	0	0	0	18	7	0	0
Nabarangpur	F & FW	OFC	HOV	Raising techniques of onion seedlings	1	1	0	0	0	0	22	3	0	0
Nabarangpur	F & FW	OFC	Soil Health and Fertility Management	Method of Biofertilizer application in pulse crop	1	1	0	0	0	0	21	4	0	0
Nabarangpur	F & FW	OFC	HOV	Management of vegetable nursery	1	1	0	0	0	0	20	5	0	0
Nabarangpur	F & FW	OFC	Crop production	Cultivation techniques of Zinger and Termeric	1	1	0	0	0	0	19	6	0	0
Nabarangpur	F & FW	OFC	Production of Organic Input	Production techniques of vermicompost	1	1	0	0	0	0	23	2	0	0
Nabarangpur	F & FW	OFC	Production of Organic input	Production techniques of vermicompost	1	1	0	0	0	0	18	7	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Nabarangpur	F & FW	OFC	Others	Application of growth hormones in vegetables	1	1	0	0	0	0	21	4	0	0
Nabarangpur	F & FW	OFC	CRP	Low cost storage techniques of vegetables	1	1	0	0	0	0	18	7	0	0
Nabarangpur	F & FW	OFC	CRP	Sustainable management of kitchen garden	1	1	0	0	0	0	19	6	0	0
Nabarangpur	F & FW	OFC	PLP	Storage techniques of pulses	1	1	0	0	0	0	18	7	0	0
Nabarangpur	F & FW	OFC	CRP	Intercropping of cowpea in maize	1	1	0	0	0	0	20	5	0	0
Nabarangpur	F & FW	OFC	CRP	Nursery Techniques of Kharif Rice	1	1	0	0	0	0	18	7	0	0
Nabarangpur	F & FW	OFC	CRP	Nursery Techniques of onion seedlings	1	1	0	0	0	0	22	3	0	0
Nabarangpur	F & FW	OFC	CRP	Method of Biofertilizer application in pulse crop	1	1	0	0	0	0	21	4	0	0
Nabarangpur	F & FW	OFC	CRP	Management of vegetable nursery	1	1	0	0	0	0	20	5	0	0
Nabarangpur	F & FW	OFC	CRP	Cultivation techniques of Zinger and Termeric	1	1	0	0	0	0	19	6	0	0
Nabarangpur	F & FW	OFC	CRP	Production techniques of vermicompost	1	1	0	0	0	0	23	2	0	0
Nabarangpur	F & FW	OFC	CRP	Production techniques of vermicompost	1	1	0	0	0	0	18	7	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Nabarangpur	F & FW	OFC	HOV	Application of growth hormones in vegetables	1	1	0	0	0	0	21	4	0	0
Nabarangpur	F & FW	OFC	HOV	Sustainable management of kitchen garden	1	1	0	0	0	0	18	7	0	0
Nabarangpur	F & FW	OFC	PLP	Storage techniques of pulses	1	1	0	0	0	0	18	7	0	0
Nabarangpur	RY	ONC	SFM	Soil Health management for Sustainable agriculture	1	2	0	0	0	0	15	0	0	0
Nabarangpur	RY	ONC	PIS	Vermicomposting ande Vermiculture for self employment	1	2	0	0	0	0	15	0	0	0
Nabarangpur	RY	ONC	CRP	Organic Farming	1	2	0	0	0	0	15	0	0	0
Nabarangpur	RY	ONC	CRP	Intercroppings in Maize	1	2	0	0	0	0	15	0	0	0
Nabarangpur	F&FW	OFC	CRP	Low cost storage techniques of vegetables										
Nabarangpur	IS	ONC	INM	Integrated Nutrient Management in Maize	1	1	10	0	0	0	0	0	0	0
Nabarangpur	IS	ONC	CRP	Application of micronutrients for crop production	1	1	10	0	0	0	0	0	0	0
Nabarangpur	IS	ONC	CRP	Water Management in maize	1	1	10	0	0	0	0	0	0	0
Nabarangpur	IS	ONC	CRP	Integrated weed management in maize	1	1	10	0	0	0	0	0	0	0
Nabarangpur	RY	ONC	OTH	Mushroom cultivation for higher income	1	2	0	0	0	0	15	0	0	0
Nabarangpur	RY	ONC	OTH	Mushroom Spawn Production	1	2	0	0	0	0	15	0	0	0

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Nabarangpur	Mushroom cultivation for higher income	Mushroom		1	0	0	0	0	15	0	0	0
Nabarangpur	Mushroom spawn production	Mushroom		1	0	0	0	0	15	0	0	0

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed elsewhere
		Type of units	Number of units	Number of persons employed	

Table 5.4. 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/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

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

Table 5.6 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	
Nabarangpur	Integrated pest management in rice	25	20	60					
Nabarangpur	Safe use of Agro-chemicals	25	20	80					
Nabarangpur	Integrated pest management in rice	25	10	60					
Nabarangpur	Insect pest management of Solanaceous vegetables	25	10	60					
Nabarangpur	Integrated disease management in rice	25	10	60					
Nabarangpur	Mushroom cultivation for higher income	25	10	80					
Nabarangpur	Integrated disease management in Maize	25	10	60					
Nabarangpur	Safe use of Agro-chemicals	25	10	80					
Nabarangpur	integrated pest management in rice	25	10	80					
Nabarangpur	Integrated disease management in maize	25	10	80					
Nabarangpur	Storage techniques for cereals	25	10	80					
Nabarangpur	Seed treatment for cereals crop	25	10	80					

Nabarangpur	Storage techniques for pulses	25	10	80					
Nabarangpur	Storage techniques for pulses	25	10	80					
Nabarangpur	Safe use of Agro-Chemicals	25	10	80					
Nabarangpur	Safe use of Agro-chemicals	25	10	80					
Nabarangpur	Storage techniques for pulses	25	10	80					
Nabarangpur	Integrated disease management in maize	25	20	80					
Nabarangpur	Storage techniques for cereals	25	20	80					
Nabarangpur	Intercropping of cowpea in maize	25	10	70					
Nabarangpur	Raising Techniques of seedlings of Kharif Rice	25	30	80					
Nabarangpur	Raising techniques of onion seedlings	25	10	70					
Nabarangpur	Method of Biofertilizer application in pulse crop	25	10	80					

Nabarangpur	Management of vegetable nursery	25	10	70					
Nabarangpur	Cultivation techniques of Zinger and Termeric	25	30	80					
Nabarangpur	Production techniques of vermicompost	25	10	80					
Nabarangpur	Production techniques of vermicompost	25	10	80					
Nabarangpur	Application of growth hormones in vegetables	25	10	70					
Nabarangpur	Low cost storage techniques of vegetables	25	10	70					
Nabarangpur	Sustainable management of kitchen garden	25	20	80					
Nabarangpur	Storage techniques of pulses	25	10	70					
Nabarangpur	Intercropping of cowpea in maize	25	10	80					
Nabarangpur	Nursery Techniques of Kharif Rice	25	30	80					

Nabarangpur	Nursery Techniques of onion seedlings	25	10	70					
Nabarangpur	Method of Biofertilizer application in pulse crop	25	10	80					
Nabarangpur	Management of vegetable nursery	25	10	70					
Nabarangpur	Cultivation techniques of Zinger and Termeric	25	20	80					
Nabarangpur	Production techniques of vermicompost	25	10	80					
Nabarangpur	Production techniques of vermicompost	25	10	80					
Nabarangpur	Application of growth hormones in vegetables	25	10	70					
Nabarangpur	Sustainable management of kitchen garden	25	20	80					
Nabarangpur	Storage techniques of pulses	25	10	80					
Nabarangpur	Soil Health management for Sustainable agriculture	15	10	80					

Nabarangpur	Vermicomposting and Vermiculture for self employment	15	10	80					
Nabarangpur	Organic Farming	15	10	70					
Nabarangpur	Intercroppings in Maize	15	20	80					
Nabarangpur	Low cost storage techniques of vegetables	25	20	80					
Nabarangpur	Integrated Nutrient Management in Maize	10	40	90					
Nabarangpur	Application of micronutrients for crop production	10	40	90					
Nabarangpur	Water Management in maize	10	40	90					
Nabarangpur	Integrated weed management in maize	10	40	80					

6. 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			
Nabarangpur	Field Day	4	4	0	0	130	70	4	0	Spread of technology	Application of Boron in Maize Intercropping of Cow pea in Maize INM in Brinjal Cultivation of Sweet corn	Harvesting
Nabarangpur	Kisan Mela	2	2	100	50	400	200	25	06	PMFBY, PMUY		
Nabarangpur	Kisan Ghosthi											
Nabarangpur	Exhibition	2	2	100	50	400	200	25	06	PMFBY, PMUY		
Nabarangpur	Film Show											
Nabarangpur	Method Demonstrations	10	10			350	150	20	00		Soil sample collection, Seed treatment, Spray solution preparation, Band application of fertilizer Safe use of pesticides	
Nabarangpur	Farmers Seminar											
Nabarangpur	Workshop											
Nabarangpur	Group meetings	10	10			170	80	20	00		Biological pest control Clusture demonstration on chick pea IFS approach for crop production	
Nabarangpur	Lectures delivered as resource persons	36	30			1500	300	72	00		IPM, INM, Soil Health Management, IFS, seed Treatment, Sa	

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			
											fe use of agrochemicals, Production Packages of different crops	
Nabarangpur	Newspaper coverage											
Nabarangpur	Radio talks											
Nabarangpur	TV talks											
Nabarangpur	Popular articles											
Nabarangpur	Extension Literature	01	01			800	200				Byabasayabhitik Gladioli Chas	
Nabarangpur	Farm advisory Services											
Nabarangpur	Scientific visit to farmers field	100	103			1675	900				Diagnosis and reccomendation for different problems	
Nabarangpur	Farmers visit to KVK	2000	2115	215		1543	357				Reccomendation for different farming Problems, Exposure to Vermicompost, TC Banana, Floriculture, Mushroom, Seed production of paddy	
Nabarangpur	Diagnostic visits											
Nabarangpur	Exposure visits	2	2	20	0	20	0				CTCRI, OUAT, NRRI, CHES	
Nabarangpur	Ex-trainees Sammelan											
Nabarangpur	Soil health Camp	2				100	28				Soil Health Management	
Nabarangpur	Animal Health Camp	1	1	100	0	100	0				Vaccination	
Nabarangpur	Agri mobile clinic											
Nabarangpur	Soil test campaigns	4				200	31				Motivation for soil test	

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			
Nabarangpur	Farm Science Club conveners meet											
Nabarangpur	Self Help Group conveners meetings											
Nabarangpur	Mahila Mandals conveners meetings											
Nabarangpur	Celebration of important days (World environment day)											

7. Literature Developed/Published (with full title, author & reference)

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Nabarangpur	2007	quarterly	2000	2000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Nabarangpur	Leaflet	Byabasaya Bhitika Gladioli Chas	B. Taria and G.C. Sahoo	1000

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Nabarangpur	Foundation	Rice	Khandagiri	38.6 q	Rs 87,622	OSSC Ltd.	64 ha

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Nabarangpur	Seedling	Tomato, Brinjal, chilli, papaya, Moringa	Hybrid	40000	20000	15	0.8 ha

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Nabarangpur	Bio Agents						
	Bio Agents						
	Bio Fertilizer	Vermicompost	4000		20000	5	0.8
	Bio Fertilizer						

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far:

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Nabarangpur	Functioning	2005	Soil samples PH,EC,O.C%,N,P,K(Kg/ha)	652	1500	43	0	1500

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Nabarangpur	Functioning	2005	pH,EC,CO ₃ ,HCO ₃	36	36	14		36

10. Rainwater Harvesting

Training programmes 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

11. Utilization of Farmers Hostel facilities

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)	Accommodation available (No. of beds)

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Nabarangpu	--	--	8	nil	--

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Nabarangpu	22.12.2016	30	Crop Diversification , Soil Health Management , water management , Use of Vermitechnology

14. Status of Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Nabarangpur	52	1500	100	Farmers Portal, Social media (Whats app)	Variety , Fertiliser dose , Pest Management , Storage techniques

15. Status of 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
KVK, Nabarangpur	Pradhan Mantri Ujjala Yojana	Ministry of petroleum/Central	NIL	Farmers fare	LPG gas connection to Rural farmers of Dist. Nabarangpur	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Nabarangpur	31842335858	1,67,778	21,500	Functioning

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

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

b) Details about Technology Park

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

19. 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	KVK(NABARANGPUR) Umerkote	Madhu Mali	Contract Farming (Cabbage)	At- B.S. padar P.O.- Dhadara Block- Jharigaon
2	KVK(NABARANGPUR) Umerkote	Sonu Bhatra	Contract Farming (Maize)	At- Chingudiguda P.O. – Bikhya Block- Jhari gaon
3	KVK(NABARANGPUR) Umerkote	Laiban Bhatra	Contract Farming (maize)	At- Saraguda P.O.- Dabugaon Block- Dabugaon
4	KVK(NABARANGPUR) Umerkote	Ganesh Bhatra	Lac cultivation in Ber	At- Chingudiguda P.O. – Bikhya Block- Jhari gaon
5	KVK(NABARANGPUR) Umerkote	Dhaneswar Majhi	Hybrid Napier grass cultivation in inter space of Eucalyptus.	At/P.O - Hirapur Saraguda Block- Umerkote
6	KVK(NABARANGPUR) Umerkote	Haldhar Bhatra	Clonal Plantation of Eucalyptus	At- Chingudiguda P.O. – Bikhya Block- Jhari gaon
7	KVK(NABARANGPUR) Umerkote	Jugadev Jani	Organic Vegetable Production.	At- Sankumari P.O.-Badakumari Block- umerkote
8	KVK(NABARANGPUR) Umerkote	Sudarsan Samal	Commercial Ginger Cultivation	At/P.O- Umerkote Block- Umerkote
9	KVK(NABARANGPUR) Umerkote	Bandhu Batra	Hibrid Maize Cultivation	At/P.O.- Majhiguda Block- Jharigaon
10	KVK(NABARANGPUR) Umerkote	Dambaru Mali	Commercial Cabbage production	At/P.O.- B.S Padar Block- Jharigaon.

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers participated
1.	09.01.2017	25

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
KVK , Nabarangpur	5	5	20	348

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
1	Chick pea	40 ha	12	Crop diversification from maize to chickpea in rabi season is profitably possible

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK (Koraput)	Discussion on Resource Conservation	Large scale ginger cultivation
2	KVK (Malkanagiri)	Discussion on Ginger cultivation	
3	KVK (Nabarangpur)	Discussion on exploring Vermitechnology in agriculture .	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
KVK, Nabarantgpur	Mr M. behera ,DDA, Nabarangpur	03.04.2016 22.12.2016			Yes	PMFBY, SAC Meeting
	Dr M. R. Mohapatra, Jt. Dir,DEE.OUAt	22.12.2016		Yes		SAC meeting
	Mr P.L. Das DDH, Nabarangpur	22.12.2016			Yes	SAC meeting

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	KVK, Nabarangpur	June 2011	12	--

26. E-CONNECTIVITY

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			

27. Status of RTI

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

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
KVK, Nabarangpur	G.C. sahoo	Senior Scientist and Head	1	
KVK	D. R. Mishra	Scientist – plant Science (PB&G)	2	
KVK	Dr S. Hansda	Scientist (PP)	1	
	Total		4	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
KVK, nabarangpur	3	4

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
KVK, nabarangpur	B. taria	Farm Manager	1	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
KVK, nabarangpur	1	1

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
KVK, Nabarangpur	G.C. Sahoo	Senior Scientist and Head	2	
	D.R. Mishra	Scientist- plant Science (PB&G)	2	
	S. Hansda	Scientist (PP)	1	
	B. Taria	Farm Manager	1	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
KVK ,Nabarangpur	4	6

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
KVK,NABARANGPUR	Trainings	7	350	Maize ,Rice, Chickpea, Cole Crops , Mushroom , IFS,

				Vermitechnology

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants

Animal health camps organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Nabarangpur	1	184	100

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers

Seedlings and Saplings distributed

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

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

Vermis Produced

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

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist 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

35. Proposal of NICRA

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 NICRA Village

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

3. Proposed Training Activities in NICRA Village

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

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	Any Special Remark by Visitors

7. Feedback of Farmers for future improvement, if any. Assistance in marketing process

36. Proposed works under NAIP (in NAIP monitoring format)

37. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE, Introduction**, KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	KVK, Nabarangpur	2	4

38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –



Training Programme at Village



PRadhan Mantri Ujjala Yojana , KVK Campus



Exposure Visit of farmers to CTCRI, Bhubaneswar



Animal Health camp , Village – Chikal Padar



FARMERS FARE ON PRADHAN MANTRI FASAL BIMA YOJANA, KVK CAMPUS ,UMERKOTE