

ANNUAL ACTION PLAN

(April 2017 - March 2018)



KVK, DHENKANAL



Orissa University of Agriculture & Technology
Bhubaneswar

Contents

Sl. No.	Particular	Page No
	Summary of Action Plan during 1 st April 2017 to 31 st March 2018	3-4
1	General Information	5-8
2	On Farm Testing	9-10
3	Frontline Demonstrations	11-18
4	Feedback System	18
5	Training programmes	20-27
6	Extension Activities	28
7	Production and supply of Technological products	29-30
8	Activities of Soil and Water Testing Laboratory	30
9	Rainwater Harvesting System	30
10	Kisan Mobile Advisory	30
11	Details of SAC Meeting	31
12	Literature to be Developed/Published	31
13	Convergence with Agricultural Schemes	31
14	Utilization of Farmer Hostel	32
15	Utilization of Staff Quarter	32
16	Details of KVK Agro-technological Park	32-33
17	Farm Innovators	33
18	KVK Progressive farmer interaction	33
19	Outreach of KVK	34
20	Technology Demonstrations under TDHPP/Tribal Sub Plan/QPM	34
21	KVK Ring	34
22	Important visitors to KVK	34
23	Status of KVK Website	34
24	Status of RTI	34
25	E-Connectivity (E- Linkage Lab)	35
26	Details of Technology Week Celebrations	35
27	Interventions on Drought Mitigation	35-37
28	Activities Under NICRA	37-38
29	Activities under NAIP	38
30	Status of Revolving Funds	38
31	Awards & Recognitions	38
32	Case study / Success Story	39
33	Well labeled photographs of various activities in JPEG format	39

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	
Dhenkanal	OFTs	14	80			
Dhenkanal	FLDs – Oilseeds (activity in ha)	162	415			
Dhenkanal	FLDs – Pulses (activity in ha)	60	150			
Dhenkanal	FLDs – Cotton (activity in ha)					
Dhenkanal	FLDs – Other than Oilseed and pulse crops(activity in ha)	7.5	75			
Dhenkanal	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	78	91			
Dhenkanal	Training-Farmers and farm women	76	1900			
Dhenkanal	Training-Rural youths	24	370			
Dhenkanal	Training- Extension functionaries	17	245			
Dhenkanal	Extension Activities	840				
Dhenkanal	Seed Production (Number of activity as seeds in quintal)	1	180 qtl			
Dhenkanal	Planting material ((Number of activity as quantity of planting material in quintal) Mushroom spawn bottles					
Dhenkanal	Seedling Production (Number of activity as number of seedlings in numbers)	470000				
Dhenkanal	Sapling Production (Number of activity as number of sapling in numbers)	4000				
Dhenkanal	Other Bio- products (No. of quantity) Mushroom, vermicompost	Mushroom 3 qtl & Vermi compost 10 qtls				
Dhenkanal	Live stock products	1000 nos				
Dhenkanal	Activities of Soil and Water Testing Laboratory	800	500			
Dhenkanal	Rainwater Harvesting System					
Dhenkanal	Kisan Mobile Advisory (KVK-KMA)	120	10000			
Dhenkanal	SAC Meeting (Date & no. of core/ official members)	2	50			

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	
Dhenkanal	Literature to be Developed/Published	18				
Dhenkanal	Convergence programmes / Sponsored programmes	9				
Dhenkanal	Utilization of Farmers Hostel	7	70			
Dhenkanal	Utilization of Staff Quarters	6	6			
Dhenkanal	Details of KVK Agro-technological Park	5				
Dhenkanal	Crop Cafeteria-	14				
Dhenkanal	Farm Innovators- list of 10 farm innovators from the District	10	10			
Dhenkanal	Status of Revolving Funds					
Dhenkanal	Awards and Recognitions					
Dhenkanal	Case study / Success Story to be developed	05				
Dhenkanal	KVK Progressive Farmers interaction	10				
Dhenkanal	Outreach of KVK in the District (No. of blocks, no. of villages)	8,50				
Dhenkanal	Technology Demonstration under Tribal Sub Plan					
Dhenkanal	KVK Ring	4				
Dhenkanal	Important visitors to KVK					
Dhenkanal	Status of KVK Website					
Dhenkanal	Status of RTI					
Dhenkanal	E-connectivity					
Dhenkanal	Details of Technology Week Celebrations	02	1400			
Dhenkanal	Interventions on Drought Mitigation	05				
Dhenkanal	Proposal of NAIP					
Dhenkanal	Proposal of NICRA					
Dhenkanal	Well labeled photographs					
Dhenkanal	Other Activities					

1. GENERAL INFORMATION

1.1. Staff Position (as on 31.03.2017)

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)
Dhenkanal	Senior Scientist & Head	Dr. S. K.Mohapatra	Horticulture	Ph. D.	Horticulture	15,600-39,100	18700+8000	12.11.15	Permanent	Gen
Dhenkanal	Subject Matter Specialist1	Smt. S. Pal	Home Science	M.Phil	Home Science	15,600-39,100	22220+6000	15.11.07	Temporary	Gen
Dhenkanal	Subject Matter Specialist2	Sri D.S. Kar	Horticulture	MSc(Ag)	Horticulture	15,600-39,100	19050+6000	27.04.15	Temporary	Gen
Dhenkanal	Subject Matter Specialist3	Sri D Panda	Entomology	M.Sc. (Ag.)	Entomology	15,600-39,100	22220/+6000	06.04.11	Temporary	Gen
Dhenkanal	Subject Matter Specialist4	Smt.D. Paramjita	Agril.Engg	MTech	Soil & Water Conservation Engg	15,600-39,100	18320+6000	07.12.12	Temporary	Gen
Dhenkanal	Subject Matter Specialist5	Sri M.Mohanty	Forestry	MSc (Forestry)	Forestry	15,600-39,100	22220+6000	15.12.12	Temporary	Gen
Dhenkanal	Subject Matter Specialist6	Dr. R. B. Nayak	Animal Science	MV Sc.	Biochemistry	15,600-39,100	16920+6000	7.7.2015	Temporary	Gen
Dhenkanal	Programme Assistant	Sri. Jashobanta Sahoo	Fishery	BFSc.	Fishery	9300-34,800	12930+4200	04.10.09	Temporary	OBC
Dhenkanal	Farm Manager	Sri. Manoj Kumar Pradhan	Seed Technology	Msc(Ag)	Seed Technology	9300-34,800	12930+4200	03.07.12	Temporary	Gen
Dhenkanal	Computer Programmer	Sri. G. D. Moharana	Computer	MCA	Computer	9300-34,800	13450+4200	18.06.12	Temporary	Gen
Dhenkanal	Stenographer	Sri G.R. Das	-	B.A.	-	5,200-20,200	7270+2400/-	08.01.07	Temporary	Gen
Dhenkanal	Driver	Sri D.K Pradhan	-	UP	-	5,200-20,200	6350+1900/-	24.07.07	Temporary	Gen
Dhenkanal	Driver	Sri N.M. Sahoo	-	UP	-	5,200-20,200	6860+1900/-	25.07.07	Temporary	Gen
Dhenkanal	Supporting staff	Smt. Ahalya Baral	-	UP	-	4440-7440	5380 + 1300	28.07.08	Temporary	Gen
Dhenkanal	Supporting staff	Sri Kumar Beja	-	UP	-	4440-7440	5790 + 1300	07.10.13	Temporary	Gen

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

Geographical Area(000'Ha)	445
Cultivable Area(000'Ha)	186
Cultivable Waste land(000'Ha)	004
Current fallow(000'Ha)	031
Other fallows(000;ha)	020
Forest(000'Ha)	174
Pasture(000'Ha)	008
Land(Non Agriculture use) (000'ha)	042
Land under misc. plantation(000'ha)	006
Barren & un culturable land (000'ha)	005

Area, Production & productivity of the major crops cultivated in the districts

Name of the crop	Area in ha	Production in (MT)	Yield q/ha
Paddy	112749	2543585	20.72
Sugarcane	1189	814580	685.1
Maize	2827	17280	6.11
Groundnut	15161	186520	12.30
Seasamum	15953	32790	2.06
Green gram	23529	52190	2.22
Black gram	23707	59200	2.50
Arhar	4689	34280	7.31
Vegetables	25186	3065350	121.71

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)
Dhenkanal	Harekrushnapur	2012-13	Dhenkanal Sadar	25 km	1980	95
Dhenkanal	Dengobarei	2014-15	Odapada	25 km	506	81
Dhenkanal	Keutabereni	2014-15	Dhenkanal Sadar	20 km	550	88
Dhenkanal	Gurujangulai	2014-15	Kankadahad	65 km	675	75
Dhenkanal	Parbatia	2016-17	Dhenkanal Sadar	10 km	1660	120

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

KVK Name	THRUST AREA
Dhenkanal	Importance on INM, IPM, IDM and in major field crop and vegetable crops
Dhenkanal	Varietal replacement of different field crops and vegetable crops
Dhenkanal	Development of integrated farming system models for different farming situation
Dhenkanal	Value addition and marketing of farm produces
Dhenkanal	Hi-tech horticulture and precision farming
Dhenkanal	Farm mechanization
Dhenkanal	Water management
Dhenkanal	Women empowerment
Dhenkanal	Creation of additional income and employment generation through agro based enterprises
Dhenkanal	Development of approach / methodology for large scale adoption of technologies
Dhenkanal	Development of climate smart village
Dhenkanal	Importance of organic farming
Dhenkanal	Protection of farmers variety under IPR act
Dhenkanal	Resource conservation technology

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Dhenkanal	Lack of knowledge and skill on scientific practices like INM, IPM, IDM and farm mechanization reduce the yield and return in major crops of the district.	Through PRA tools and Discussion with the group of farmer	Arada & Sadar
Dhenkanal	Lack availability of quality seeds and planting materials reduce the yield and return in major field crops like paddy, pulses, oilseeds, sugarcane and vegetables	Through PRA tools and Discussion with the group of farmer	Nuagaon & Sadar
Dhenkanal	Lack of knowledge in farming system model in upland, rainfed and eco-system give less return to the farmers	Through PRA tools and Discussion with the group of farmer	Gurujangulei & Kankadahad
Dhenkanal	No assured irrigation round the year for taking of different crops	Through PRA tools and Discussion with the group of farmer	Bhangamal & Sadar
Dhenkanal	Non availability of skill labour for farm operation pose a great problem for taking of different crops	Through PRA tools and Discussion with the group of farmer	Talabarkote & Sadar
Dhenkanal	Lack of entrepreneurship attitude of rural youth towards farming stand as a barrier for progressive agriculture	Through PRA tools and Discussion with the group of farmer	Chaipur & Odapada
Dhenkanal	Low yield and return from pisciculture due to non availability of adequate fingerlings and yearlings	Through PRA tools and Discussion with the group of farmer	Kasiadihi & Odapada
Dhenkanal	Distress sale of horticultural produces	Through PRA tools and Discussion with the group of farmer	Akrantapur & Odapada
Dhenkanal	Lack of technological backstopping to the WSHG groups keep them away from agrobased enterprises	Through PRA tools and Discussion with the group of farmer	Talabarkote & Sadar
Dhenkanal	Low milk yield of desi cows	Through PRA tools and Discussion with the group of farmer	Mahadia & Odapada
Dhenkanal	Low body weight of desi birds	Through PRA tools and Discussion with the group of farmer	Gurujangulei & Kankadahad
Dhenkanal	Under utilization of paddy straw	Through PRA tools and Discussion with the group of farmer	Tabapal Nuasahi & Sadar
Dhenkanal	Under utilization of oyster mushroom cultivation	Through PRA tools and Discussion with the group of farmer	Bangursingh & Sadar
Dhenkanal	Improper utilization of family labour and home stead lands	Through PRA tools and Discussion with the group of farmer	Majhisahi & Sadar
Dhenkanal	Problematic soil, low organic matter content in the soil. Little knowledge about fertilizer doses	Through PRA tools and Discussion with the group of farmer	Sogara & Kamakhyanagar
Dhenkanal	Shortage of quality timbers	Through PRA tools and Discussion with the group of farmer	Tamanda & Odapada
Dhenkanal	Unutilization of Waste land	Through PRA tools and Discussion with the group of farmer	Bagda & Odapada
Dhenkanal	Shortage of quality timbers, unutilized farm bunds	Through PRA tools and Discussion with the group of farmer	Harekrushnapur & sadar
Dhenkanal	Lack of quality planting material of forest species	Through PRA tools and Discussion with the group of farmer	Banjhacusuma & Sadar

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	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Dhenkanal	2017 Kharif	Low yield due to old variety	Assessment	Varietal Evaluation	Onion	Rainfed Upland	0.4 ha	07	Assessment of Kharif onion variety Bhima Dark Red				
Dhenkanal	2017 Kharif	No tangible benefits (sugar, fiber, etc) from about 86000 palmyra palm present in the district	Assessment	Agro forestry	palmyra palm plant	Rainfed, upland	1.0	05	Assessment of production potential(Sugars) of palmyra palm plant				
Dhenkanal	2017 Kharif	Rainfed upland give less production	Assessment	Agro forestry	Sissu, Amla, Napier	Rainfed, upland	1.0	07	Assessment of Silvi-horti pastural system for rainfed uplands				
Dhenkanal	2017 Kharif	High drudgery, labour, cost and time involved in manual random transplanting	Assessment	Drudgery reduction	Paddy	Rainfed Medium land	5	05	Assessment of 3-row Manual Rice Transplanter for drudgery reduction of farm women				
Dhenkanal	2017 Kharif	Low quality of milk productuion and improper nutrition of dairy cattle	Assessment	Feed managem ent	Dairy cattle	Stall fed	7	07	Assessment of feeding bypass fat on quality and quantity of milk production				
Dhenkanal	2017 Kharif	Mineral deficiency leads to decrease in production performance in goats	Assessment	Feed Managem ent	Goat	Semi Intensive	14	07	Assessment of micronutrient lick block as mineral supplement to improve production performance of goats				
Dhenkanal	2017 Kharif	Low yield and return	Assessment	Production and managem ent	Carp	Rainfed	2 ha	04	Assessment of yield for stocking of Amurcarp instead of common carp in 5 species mixed carp culture				
Dhenkanal	2017	Low productivity and	Assessment	Production	Fish	Rainfed	2 ha	04	Assessment of efficacy				

	Kharif	less production		and management						of humic acid as organic manure in community pond				
Dhenkanal	2017-18 Rabi	Low yield due to use of local variety	Assessment	Varietal Evaluation	Chilli	Irrigated, upland	0.4ha	07		Assessment of HYV Chilli CV . BC-315				
Dhenkanal	2017-18 Rabi	Low yield of blackgram due to high infestation of YMV	Assessment	IPM	Blackgram	Irrigated upland	0.4	06		Assessment of IPM for management of YMV in blackgram				
Dhenkanal	2017-18 Rabi	Low yield of water melon due to high incidence of anthracnose disease	Assessment	IDM	Watermelon	Irrigated Upland	0.4	06		Assessment of Trifloxystrobin for management of anthracnose disease in water melon				
Dhenkanal	2017-18 Rabi	Deterioration of mushroom quality and self life in sun drying	Assessment	Value addition	Mushroom	Homestead	50 kg	05		Assessment of low cost technology of drying of Oyster Mushroom				
Dhenkanal	2017-18 Rabi	Higher labour cost and more time involved in manual weeding operation	Assessment	Farm Mechanization	Cauliflower	Irrigated Medium Land	0.4	05		Assessment of weeding by Power Weeder in Cauliflower				
Dhenkanal	2017-18 Rabi	Low yield due to improper plant population	Assessment	Farm mechanization	Greengram	Rainfed Upland	0.4	05		Assessment of Tractor drawn Multi crop Seed cum Fertilizer drill for sowing of Greengram				

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 ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)

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
Dhenkanal	Cow pea	ICM	Cultivation of cowpea variety Utkala manika	Training, Demonstration, Field day	05	13	1
Dhenkanal	Brinjal	ICM	Cultivation of brinjal under protected condition	Training, film show, and demonstrations	05	13	0.4
Dhenkanal	Banana	ICM	Planning geometry in tissue culture banana	Training, leaflet and demonstration	05	13	0.4
Dhenkanal	Groundnut	Farm Mechanization	Performance of Wheel Cycle Weeder in Groundnut	Training and huge demonstrations	04	50	15
Dhenkanal	Paddy	Farm Mechanization	Performance of Paddy Power Weeder	Training, film show, and demonstrations	05	120	25
Dhenkanal	Azolla	Nutritional Security	Multiplication of Azolla (Variety. <i>Azolla caroliniana</i>) in low cost tank /pit of size 2mX1.5mX20cm and feeding 1-1.5kg Azolla per cow per day	Training, Demonstration	20	105	250 units
Dhenkanal	Sugarcane	Drudgery reduction	Drudgery reduction of farm women by using sugarcane bud chipper	Training, Demonstration, CD show	35	300	60
Dhenkanal	Groundnut	Value addition	Roasting of cleaned peanutkernel to remove red skin. The kernels are ground in a grinding machine with addition of hydrogenated vegetable oil at 5% level and salt at 2% level to a smooth fine paste	Training, Demonstration	6	25	5 enterpr eneurs
Dhenkanal	Vegetable	Small scale income generating activities	Temperature of zero energy cool chamber remains within 10 to 15 degree centigrade in which the self life of vegetables upto 3 days , other vegetables 5 days, potatoes 52 days, mango 8 days	Training, Demonstration, Field day	7	20	5 nos
Dhenkanal	Bamboo	Agro forestry	In absence of seed, bamboo can be propagated vegetatively. Pre-monsoon layering is for exsitu plantation & monsoon - layering is for in situ plantation in rainfed situation. No necessity of filling water in internodes of bamboo	Training, leaflet and demonstration	10	150	90

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				
							Demo ns	Check		SC	ST	OBC	Others	Total
Dhenkanal	Varietal Evaluation	Papaya	Kharif 2017	Demonstration on Papaya CV Pusa Nanha, planting 2mX2m	Papaya-0.4	Pusa Nanha								5
Dhenkanal	Resource Conservati on Technology	Tomato	Kharif 2017	Demonstration of Tomato variety swarna anmol under protected cultivation with soil test based RDF	Tomato-0.4	Swarna anmol								5
Dhenkanal	Varietal Evaluation	Banana	Kharif 2017	Demonstration of tissue culture banana variety Amruta pani with soil test based RDF	Banana-0.4	Amruta pani								5
Dhenkanal	IPM	Paddy	Kharif 2017	Application of Flubendiamide 20% WG against yellow stem borer in paddy	Paddy – 1.0	Puja								10
Dhenkanal	IPM	Okra	Kharif 2017	Application of Neem cake 100 kg/ ac + spraying of clothianidin @0.5g/lit against Okra Leaf Hopper	Okra-1.0	Shakti								10
Dhenkanal	ICM	Groundnut	Kharif 2017	Improve package and practices of groundnut cultivation	Groundnut – 30.0	Devi								75
Dhenkanal	ICM	Sesamum	Kharif 2017	Improve package and practices of sesamum cultivation	Sesamum –40.0	G-10								100
Dhenkanal	ICM	Arhar	Kharif 2017	Improve package and practices of arhar cultivation	Arhar– 30.0	Asha								75
Dhenkanal	Agro forestry	Char	Kharif 2017	Physico mechanical method of processing of char seed	Char – 4 nos	Char								4

Dhenkanal	Agro forestry	Eucalyptus	Kharif 2017	Elite seedlings of eucalyptus will be planted at 2mx2m in upland followed by recommended cultural practices	Eucalyptus – 0.4	Eucalyptus hybrid											5
Dhenkanal	Farm mechanization	Paddy	Kharif 2017	Raising of seedling in tray or polythene sheet .Then line sowing of Paddy seedling by the use of transplanter in puddled field with field capacity 0.2 ha/h with row to row distance of (20-25)cm	Paddy – 1.0	Pooja											05
Dhenkanal	Farm mechanization	Paddy	Kharif 2017	Use of Tractor operated Rotavator having field capacity 0.4 ha/hr (5' width)	Paddy – 1.0	1001											05
Dhenkanal	Drudgery reduction	Groundnut	Kharif 2017	Demonstration of groundnut stripper for drudgery reduction of farm women	10	Groundnut											10
Dhenkanal	Income generation	Mushroom	Kharif 2017	Demonstration of paddy straw mushroom beds during summer season	200 bottles	Mushroom											10
Dhenkanal	Poultry management	Poultry	Kharif 2017	Demonstration on rearing of dual purpose backyard poultry in semi intensive system	200 nos	Chabro											10
Dhenkanal	Feed management	Dairy cattle	Kharif 2017	Demonstration of fodder Hybrid Napier (CO-3/CO-4) for milch cows	7000 nos	Hybrid Napier root slips											10
Dhenkanal	Production and management	Fish	Kharif 2017	Demonstration of multi species composite pisciculture in community tank	Fish – 1.0	Fish											04
Dhenkanal	Production and management	Fish	Kharif 2017	Demonstration of low cost locally available feed in composite pisciculture	Fish-1.0	Fish											05

Dhenkanal	Production and management	Fish	Kharif 2017	Performance of FCR of floating feed in composite pisciculture	Fish-1.0	Fish													04
Dhenkanal	Varietal evaluation	Marigold	Rabi 2017-18	Cultivation of improved Marigold var. Pusa Narangi with soil test based RDF	Marigold - 0.4	Pusa narangi													5
Dhenkanal	IPM	Groundnut	Rabi 2017-18	Application of Flubendiamide 39.35% sc for management of spodoptera in groundnut	Groundnut - 1.0	Devi													10
Dhenkanal	IPM	Brinjal	Rabi 2017-18	Application of IPM module for controlling shoot and fruit borer in brinjal	Brinjal-1.0	Pusa purple long													10
Dhenkanal	ICM	Groundnut	Rabi 2017-18	Improve package and practices of groundnut cultivation	Groundnut - 30.0	Smruti/Devi													75
Dhenkanal	ICM	Mustard	Rabi 2017-18	Improve package and practices of mustard cultivation	Mustard -30.0	Susri / Anuradha													75
Dhenkanal	ICM	Sesamum	Summer 2017-18	Improve package and practices of sesamum cultivation	Sesamum -30.0	Prachi / Amrit													75
Dhenkanal	ICM	Blackgram	Rabi 2017-18	Improve package and practices of Blackgram cultivation	Blackgram-30.0	PU-31													75
Dhenkanal	Agro Forestry	Datepalm	Rabi 2017-18	Nectar of palm is collected before sunrise and boiled with regulated heat	Datepalm-5nos	Datepalm													05
Dhenkanal	Value Addition	Mango	Summer 2017-18	Peeled mature mangoes are cut into halves followed by piling up inside a prescribed earthen pit sandwiched with salt for a week and then drying in sun for end-use	Mango-5nos	Mango													05
Dhenkanal	Farm mechanization	Groundnut	Rabi 2017-18	Demonstration of Bullock drawn Groundnut Digger	Groundnut - 1.0	Devi													05

Dhenkanal	Farm mechanization	Groundnut	Rabi 2017-18	Demonstration of Power Tiller operated 5-row seed cum fertilizer drill in sowing Groundnut	Groundnut – 1.0	Devi												05
Dhenkanal	Income generation	Mushroom	Rabi 2017-18	Demonstration of Oyster mushroom variety <i>Hypsizygous ulmarius</i>	200 bottles	<i>Hypsizygous ulmarius</i>												10
Dhenkanal	Value addition	Mango	Rabi, 2017-18	Demonstration on Preparation of RTS from mango for income generation of farm women	500 bottles (200 ml)	Mango												10
Dhenkanal	Poultry management	Poultry	Rabi 2017-18	Demonstration of small scale quail farming	200 nos	Quail												10
Dhenkanal	Poultry management	Ducks	Rabi 2017-18	Demonstration on rearing of Khaki Campbell ducks for egg laying	Ducks - 200 nos	Khaki Campbell												10
Dhenkanal	Production and management	Carp	Year Round 2017-18	Performance of multiplex in mixed carp culture system	Carp-1.0	Carp												04

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
Dhenkanal													

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Dhenkanal	Onion	Field days	2	100	
		Farmers Training	2	50	
		Media coverage	1		
		Training for extension functionaries	1	15	
Dhenkanal	Brinjal	Field days	1	50	

		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Pigeon pea	Field days	2	100	
		Farmers Training	2	50	
		Media coverage	1		
		Training for extension functionaries	1	15	
Dhenkanal	Groundnut	Field days	4	200	
		Farmers Training	4	100	
		Media coverage	2		
		Training for extension functionaries	1	15	
Dhenkanal	Sesamum	Field days	2	100	
		Farmers Training	2	50	
		Media coverage	1		
		Training for extension functionaries	1	15	
Dhenkanal	Mango	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1		
Dhenkanal	Char	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1	15	
Dhenkanal	Eucalyptus	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Datepalm	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Mushroom	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Groundnut Stripper	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Paddy	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		

		Training for extension functionaries			
Dhenkanal	Ducks	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Poultry	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1	15	
Dhenkanal	Fish	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
		Farmers Training	1	25	
		Media coverage	1		
Dhenkanal	Brinjal	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Papaya	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Okra	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Mustard	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Blackgram	Field days	2	100	
		Farmers Training	2	50	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Dairy cattle	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Dhenkanal	Goatery	Field days	1	50	
		Farmers Training	1	25	

Dhenkanal	Carp	Media coverage	1		
		Training for extension functionaries			
		Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1		
		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	Dhenkanal	Tomato	Swarna Anmol,	ICAR, RCER, Ranchi	05	0.4
2	Dhenkanal	Marigold	Pusa narangi	IARI, New Delhi	05	0.4
3	Dhenkanal	Banana	Amruta pani	OUAT, Bhubaneswar	05	0.4

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
Dhenkanal				

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Dhenkanal	

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	
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	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RY	Rural Youth
IS	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, use abbreviations only.

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
Dhenkanal	FW	PRA and Farmer scientist interaction		
Dhenkanal	RY	PRA and Farmer scientist interaction		
Dhenkanal	IS	PRA and Farmer scientist interaction		

Table 5.2. Details of Training programmes to be conducted by the KVKs.

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	15	16
Dhenkanal	FW	OFC	HOS	Production technology of Kharif Onion	1	1	25								
Dhenkanal	FW	OFC	HOV	Weed management in Kharif Onion	1	1	25								
Dhenkanal	FW	OFC	HOS	Production Technology of Hybrid Chilli	1	1	25								
Dhenkanal	FW	OFC	HOV	Layout for planting of fruits and vegetables suitable for pond embankment	1	1	25								
Dhenkanal	FW	OFC	HOV	Integrated nutrient management for off season cabbage cultivation	1	1	25								
Dhenkanal	FW	OFC	HOF	Fertilizer management in banana plantations	1	1	25								
Dhenkanal	FW	OFC	HOV	Integrated nutrient management in Tomato	1	1	25								
Dhenkanal	FW	OFC	HOV	Fertilizer management in chilli	1	1	25								
Dhenkanal	FW	OFC	HOV	Post harvest management of potato	1	1	25								
Dhenkanal	FW	OFC	HOO	Staggered planting material of marigold for round the season production of flowers	1	1	25								
Dhenkanal	FW	ONC	HOO	Propagation technique of rose plants	1	1	15								

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	15	16
Dhenkanal	FW	ONC	HOF	Cultivation practices in Tissue Culture Banana	1	1	25								
Dhenkanal	FW	ONC	HOF	Post harvest management of Mango & Cashew	1	1	25								
Dhenkanal	FW	OFC	PLP	Management of blast, sheath blight & BLB disease in Paddy	1	1	25								
Dhenkanal	FW	OFC	PLP	Integrated Pest & disease management in Tuber crops	1	1	25								
Dhenkanal	FW	OFC	PLP	Integrated Pest Management in Paddy	1	1	25								
Dhenkanal	FW	OFC	PLP	Integrated Pest & Disease Management in mango	1	1	25								
Dhenkanal	FW	OFC	PLP	Identification and management of different pest and disease in groundnut	1	1	25								
Dhenkanal	FW	ONC	PLP	Integrated pest & disease management in Arhar	1	1	25								
Dhenkanal	FW	OFC	PLP	Identification and management of different pest and disease in sesamum	1	1	25								
Dhenkanal	FW	OFC	PLP	Important pest and disease of solanaceous crops, their identification and management practice	1	1	25								
Dhenkanal	FW	OFC	PLP	Important pest and disease management in cucurbitaceous crop	1	1	25								
Dhenkanal	FW	OFC	PLP	Integrated Pest & Disease Management in sugarcane	1	1	25								
Dhenkanal	FW	OFC	AGF	Agro forestry system for upland fallow management	1	1	25								
Dhenkanal	FW	ONC	AGF	Eucalyptus as cash crop	1	1	25								
Dhenkanal	FW	OFC	AGF	Woods for different end-uses	1	1	25								
Dhenkanal	FW	ONC	AGF	Extraction of fibre and flosses from some plants	1	1	25								
Dhenkanal	FW	OFC	AGF	Extraction of Tan and Dyes from some plants	1	1	25								
Dhenkanal	FW	OFC	AGF	Inventory of Drugs, poisons, insecticide and spices from plants	1	1	25								
Dhenkanal	FW	OFC	AGF	Technique of extraction coach and Katha	1	1	25								

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	15	16
Dhenkanal	FW	OFC	AGF	Preservation technique of tree seeds	1	1	25								
Dhenkanal	FW	ONC	AGF	Coppicing, pollarding, Topping, Lopping technique for planted trees and shrubs	1	1	25								
Dhenkanal	FW	OFC	AGF	Essential oils from some grasses, herb, shrub and trees	1	1	25								
Dhenkanal	FW	ONC	AGF	Physical properties of some woods	1	1	25								
Dhenkanal	FW	ONC	AGF	Value addition of Jackfruit for vegetables	1	1	25								
Dhenkanal	FW	OFC	WOE	Climate resilient technology for mushroom production	1	1	25								
Dhenkanal	FW	OFC	WOE	User friendly approaches for assessing household nutrition security	1	1	25								
Dhenkanal	FW	OFC	WOE	Low cost preservation methods of mushroom	1	1	25								
Dhenkanal	FW	OFC	WOE	Market demand led products of mango	1	1	25								
Dhenkanal	FW	OFC	WOE	Different strains of mushroom and their preservation	1	1	25								
Dhenkanal	FW	OFC	WOE	Awareness on preparation of beverages from aloevera	1	1	25								
Dhenkanal	FW	OFC	WOE	Better management practices for storage of food grains at village level	1	1	25								
Dhenkanal	FW	OFC	WOE	Popularizing gender friendly farm implements	1	1	25								
Dhenkanal	FW	OFC	WOE	Occupational safety and drudgery reduction of farm women	1	1	25								
Dhenkanal	FW	OFC	WOE	Safe storage of food grains	1	1	25								
Dhenkanal	FW	OFC	LPM	Fodder cultivation strategies for cost effective milk production	1	1	25								
Dhenkanal	FW	OFC	LPM	Clean milk production	1	1	25								
Dhenkanal	FW	OFC	LPM	Importance of multienzyme mixture in the feed of poultry	1	1	25								
Dhenkanal	FW	OFC	LPM	Importance of bypass fat feed supplement in the feed of dairy cattle	1	1	25								

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	15	16
Dhenkanal	FW	OFC	LPM	Importance of livestock insurance	1	1	25								
Dhenkanal	FW	OFC	LPM	Importance of micronutrient lick block on performance of animals	1	1	25								
Dhenkanal	FW	OFC	LPM	Importance of mineral mixture in the livestock	1	1	25								
Dhenkanal	FW	OFC	LPM	Importance of feeding concentrate feed in goats and sheeps	1	1	25								
Dhenkanal	FW	OFC	LPM	Importance of feeding of concentrate feed for goats	1	1	25								
Dhenkanal	FW	OFC	LPM	First aid management in animas	1	1	25								
Dhenkanal	FW	OFC	LPM	Importance of control of ecto and endo parasitic infestations in small ruminants	1	1	25								
Dhenkanal	FW	OFC	AEG	Operation of farm implements in direct seeded Paddy cultivation	1	1	25								
Dhenkanal	FW	ONC	AEG	Use of self propelled Rice Transplanter	1	1	25								
Dhenkanal	FW	OFC	AEG	Performance of manual Weeders for intercultural operations in Groundnut	1	1	25								
Dhenkanal	FW	OFC	AEG	Performance of Tractor drawn Rotavator for Puddling operation in Paddy	1	1	25								
Dhenkanal	FW	ONC	AEG	Land preparation and calibration of Power Tiller operated Seed drill	1	1	25								
Dhenkanal	FW	OFC	AEG	Operation & maintenance of Power weeder in Cole crops	1	1	25								
Dhenkanal	FW	OFC	AEG	Use of Bullock drawn Groundnut digger for harvesting of Groundnut.	1	1	25								
Dhenkanal	FW	ONC	AEG	Micro irrigation in Vegetable crops	1	1	25								
Dhenkanal	FW	ONC	AEG	Use of Tractor operated 9-row Seed cum Fertilizer drill in sowing Greengram.	1	1	25								
Dhenkanal	FW	ONC	AEG	Role of mulching in water	1	1	25								

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	15	16
				conservation in horticultural crops.											
Dhenkanal	FW	OFC	FIS	Prestocking pond management practice	1	1	25								
Dhenkanal	FW	OFC	FIS	Identification of different cultivable fishes & stocking procedure	1	1	25								
Dhenkanal	FW	OFC	FIS	Water quality management of stocking pond	1	1	25								
Dhenkanal	FW	OFC	FIS	Post stocking management of Pisciculture Tank	1	1	25								
Dhenkanal	FW	OFC	FIS	Feed management for carp culture	1	1	25								
Dhenkanal	FW	OFC	FIS	Use of low cost farm made feed for fish	1	1	25								
Dhenkanal	FW	OFC	FIS	Management of pond in winter season	1	1	25								
Dhenkanal	FW	OFC	FIS	Intercropping of Javapunti along with Composite Pisciculture	1	1	25								
Dhenkanal	FW	OFC	FIS	Fish diseases and their management	1	1	25								
Dhenkanal	FW	OFC	FIS	Integrated Fish Farming	1	1	25								
Dhenkanal	IS	ONC	HOO	Gerbera & Rose planting material production technique in shed net house	1	1	10								
Dhenkanal	IS	ONC	HOF	Quality planting material production of Mango & Cashew	1	1	10								
Dhenkanal	IS	ONC	PLP	Impact of climate change on different insect pest of major field crops	1	1	15								
Dhenkanal	IS	ONC	PLP	Use of new generation insecticides for management of insect, pest of different crops	1	1	15								
Dhenkanal	IS	ONC	PLP	Use of Bio pesticides for management of vegetable and fruit crops	1	1	15								
Dhenkanal	IS	ONC	PLP	Recent development in eco-friendly pest and disease management	1	1	15								
Dhenkanal	IS	ONC	AGF	Fertilizer and pesticide	1	1	15								

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	15	16
				application technique for herb, shrub trees											
Dhenkanal	IS	ONC	AGF	Tending operations for senile plants	1	1	15								
Dhenkanal	IS	ONC	AGF	Therapeutic values of some herbs	1	1	15								
Dhenkanal	IS	ONC	WOE	Innovations and technologies for preservation of traditional seeds	1	1	15								
Dhenkanal	IS	ONC	WOE	Promoting good agricultural practices for drudgery reduction of farm women	1	1	15								
Dhenkanal	IS	ONC	LPM	Management of reproductive diseases of animals	1	1	15								
Dhenkanal	IS	ONC	LPM	Importance of postmortem findings for better livestock farming	1	1	15								
Dhenkanal	IS	ONC	AEG	Operation & maintenance of Micro Irrigation system	1	1	15								
Dhenkanal	IS	ONC	AEG	Use of improved farm implements in Paddy	1	1	15								
Dhenkanal	IS	ONC	FIS	Use of low cost farm made feed for fish	1	1	15								
Dhenkanal	IS	ONC	FIS	Use of different types of probiotics in pisciculture Tank	1	1	15								
Dhenkanal	RY	ONC	HOV	Seed production and seed extraction techniques in Chilli	1	1	15								
Dhenkanal	RY	ONC	HOF	Production Technology of Tuberose for income generation	1	1	15								
Dhenkanal	RY	ONC	HOV	Protected cultivation of vegetables	1	1	15								
Dhenkanal	RY	ONC	PLP	Use of biopesticides in IPM practices	1	1	15								
Dhenkanal	RY	ONC	PLP	Emerging pests of importance and their management	1	1	15								
Dhenkanal	RY	ONC	PLP	Use of newer molecules (bacteriacide, fungicides) for management of important field and vegetable crop grown in dhenkanal district	1	1	15								
Dhenkanal	RY	ONC	PLP	IPDM of wilting of Solanaceous	1	1	15								

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	15	16
				vegetables											
Dhenkanal	RY	ONC	AGF	Biomass estimate of Tree parts	1	1	20								
Dhenkanal	RY	ONC	AGF	Utility of oilcakes from tree seed and crop seed	1	1	20								
Dhenkanal	RY	ONC	AGF	Tree borne oilseeds	1	1	20								
Dhenkanal	RY	ONC	AGF	Seed treatment of different spices	1	1	20								
Dhenkanal	RY	ONC	AGF	Preparation of Chironji Dana	1	1	20								
Dhenkanal	RY	ONC	WOE	Rural youth and start up in village farm enterprises	1	2	15								
Dhenkanal	RY	ONC	WOE	Farmer producer group involving farm women	1	1	15								
Dhenkanal	RY	ONC	WOE	Promotion of nutrition focused homestead garden	1	1	15								
Dhenkanal	RY	ONC	LPM	Scientific sheep farming	1	1	15								
Dhenkanal	RY	ONC	LPM	Economics of dairy farming	1	1	15								
Dhenkanal	RY	ONC	LPM	Duck farming for income generation	1	1	15								
Dhenkanal	RY	ONC	LPM	Quail farming for income generation	1	1	15								
Dhenkanal	RY	ONC	AEG	Operation & maintenance of Dal mill	1	1	15								
Dhenkanal	RY	ONC	AEG	Cost economics of Agro Service Centre Model	1	1	15								
Dhenkanal	RY	ONC	AEG	Custom hiring of Seed cum Fertilizer drill	1	1	15								
Dhenkanal	RY	ONC	FIS	Culture technique of yearling	1	1	15								
Dhenkanal	RY	ONC	FIS	Culture technique of fingerlings	1	1	15								

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	
Dhenkanal	Importance of bee keeping in Dhenkanal district	Enterprise	Income generation	05						10	
Dhenkanal	Preparation of Bio-pesticides	Enterprise	Income Generation	05						10	
Dhenkanal	Preparation of Vermicompost	Enterprise	Income Generation	05						10	
Dhenkanal	Utility of sap, Latex, Gum, Mucilage, Resin, Oleoresin from different plants	Enterprise	Value addition	04						20	

Dhenkanal	Scientific poultry farming	Enterprise	Income generation	05					10	
Dhenkanal	Scientific goat farming	Enterprise	Income generation	05					10	
Dhenkanal	Doubling household income through value chain focused mushroom production	Enterprise	Income generation	05						10
Dhenkanal	Value addition of fruits and vegetables	Enterprise	Value addition	05						10
Dhenkanal	Value addition of stone apple	Enterprise	Value addition	05						10
Dhenkanal	Breeding and rearing of different types of ornamental fishes	Enterprise	Income Generation	05					10	
Dhenkanal	Organic farming of Vegetable Crops	Crop	ICM	05					15	
Dhenkanal	Seed production and marketing of Tomato Seeds	Crop	ICM	05					15	
Dhenkanal	Production Technology of Minor Fruits	Crop	ICM	05					15	
Dhenkanal	Operation & maintenance of harvesting implements used in Paddy cultivation	Paddy	Farm Mechanization	05					10	
Dhenkanal	Motor Binding	Enterprise	Income Generation	05					10	

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 elsewhere
		Type of units	Number of units	Number of persons employed	
Dhenkanal					

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/RY/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		
Dhenkanal														

Table 5.6 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.)
							Others		SC		ST			
							M	F	M	F	M	F		
Dhenkanal														

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	
Dhenkanal									

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			
Dhenkanal	Field Day	24										
Dhenkanal	Kisan Mela	02										
Dhenkanal	Kisan Ghosthi	10										
Dhenkanal	Exhibition	08										
Dhenkanal	Film Show	15										
Dhenkanal	Method Demonstrations	10										
Dhenkanal	Farmers Seminar	01										
Dhenkanal	Workshop	01										
Dhenkanal	Group meetings	30										
Dhenkanal	Lectures delivered as resource persons	30										
Dhenkanal	Newspaper coverage	10										
Dhenkanal	Radio talks	05										
Dhenkanal	TV talks	06										
Dhenkanal	Popular Articles	10										
Dhenkanal	Extension Literature	12										
Dhenkanal	Farm Advisory Services	150										
Dhenkanal	Scientific visit to farmers field	180										
Dhenkanal	Farmers Visit to KVK	275										
Dhenkanal	Diagnostic Visits	36										
Dhenkanal	Exposure Visits	05										
Dhenkanal	Ex-trainees Sammelan	04										
Dhenkanal	Soil Health Camp	02										
Dhenkanal	Animal Health Camp	01										
Dhenkanal	Agri Mobile Clinic	04										
Dhenkanal	Soil Test Campaigns	01										
Dhenkanal	Farm Science Club conveners meet	04										
Dhenkanal	Self Help Group conveners meetings	04										

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
Dhenkanal	Cereals	Paddy	Pooja	SD	180	Quintal	468000	-
Dhenkanal	Enterprise	Mushroom	V.volvaceae P.sajarcaju		2.0 1.0	qtl qtl	10000 5000	Public sale

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	
Dhenkanal	Vegetables	Brinjal	July 1 st week, Sept 1 st week	Sept, 1 st week Oct, 1 st week	100m ²	Utkal Tarini, Swarna sakti	Seedling	30000	6000	15000	
Dhenkanal	Vegetables	Onion	July 1 st week, Sept 1 st week	Sept, 1 st week Oct, 1 st week	100m ²	Bhima super	Seedling	400000	13000	20000	
Dhenkanal	Vegetables	Chilli	Jan 1 st week july 1 st week	Feb, 1 st week Aug, 1 st week	100m ²	Kanchan, Shyam hot	Seedling	20000	4000	10000	
Dhenkanal	Fruit	Papaya	April 3 rd	July 3 rd	100m ²	CHD, Pusha Nanha	Seedling	20000	200000	300000	
Dhenkanal	Tree species	Sisu	April 3 rd	July 3 rd	100m ²	Local	Seedling	500	1250	3000	
Dhenkanal	Tree species	Eucalypt	April 3 rd	July 3 rd	100m ²	Local	Seedling	1000	2500	6000	
Dhenkanal	Tree species	Bamboo	April 3 rd week	July 3 rd	100m ²	Local	Seedling	500	1250	2500	
Dhenkanal	Tree species	Amla	April 3 rd week	July 3 rd week	100m ²	Local	Seedling	300	750	1800	
Dhenkanal	Tree species	Camphor	April 1 st week	Aug. 1 st week	100m ²	Dehradun	Seedling	300	1500	3000	
Dhenkanal	Tree species	Drumstick	April 4 th week	July 1 st week	100m ²	PKM-1	Seedling	500	1500	4000	
Dhenkanal	Tree species	Misc.	April 1 st week	Aug. 4 th week	100m ²		Seedling	900	2250	4500	

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	

Dhenkanal	BIOAGENTS				
Dhenkanal	BIOFERTILIZERS	10qtl	1750	5000	
Dhenkanal	BIO PESTICIDES				

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	
Dhenkanal	Poultry	Vanaraja , Chhabro & Quail	1 day old chick	800	16000	44000	
Dhenkanal	Ducks	Khaki campbell	1 day old chick	200	4800	11000	

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES/NO, If yes, then

Year of establishment : - 2004-05

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
Dhenkanal	Soil Sample	800	500	40		
Dhenkanal	Water Sample					

9. Rainwater Harvesting, if available.

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

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

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Dhenkanal	120	9500	500	ICM, IPM, INM, IDM, Farm mechanization, Irrigation water management, value addition, drudgery reduction, mushroom cultivation, fish farming, Bamboo cultivation, management of nursery

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Dhenkanal	3.8.2017	25	
Dhenkanal	12.12.2017	25	

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

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Dhenkanal	June, 2017	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
Dhenkanal	CD	Value addition to Mango	01

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	01				
Technical bulletins	04				
Technical reports	2				
Popular article	06				
News paper coverage	10				
Training calendar	1				
Others (pl. specify)					

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
Dhenkanal	ATMA					
Dhenkanal	Minor irrigation					
Dhenkanal	Watershed					
Dhenkanal	RKVY					
Dhenkanal	DRDA					
Dhenkanal	Zila Panchyat					
Dhenkanal	Seed Village					
Dhenkanal	Climate Change					
Dhenkanal	BGREI					

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds):

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)
Dhenkanal	June, August, September, November, December, February & March	2017-18	Income generation activity, integrated fish farming, Seedling production, Bee keeping, agro Service centre	28	105	28	

15. Utilization of Staff Quarters.

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Dhenkanal	2010	2011	06		

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	Dhenkanal	Yes	ZPD

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Ginger	1
2	Brinjal	1
3	Chilli	1
4	Groundnut	1
5	Cashewnut	1
6	Agroshednet	1
7	Mushroom unit	1
8	Poultry unit	1

9	Vermicompost units	1
10	Fish fry	1
11	Ducklings	1
12	Azolla	1
13	Nutritional Garden	1
14	Medicinal garden	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	Dhenkanal	Chaitanya Baske	Vegetable cultivation	Majhisahi, Dhenkanal,9777156293
2	Dhenkanal	Ghanashyam padhy	High tech farming	Bhgirathipur, Dhenkanal 9437388555
3	Dhenkanal	Chakradhara Maharana	Lac craft	Gondia, 8895475270
4	Dhenkanal	Dularam Baske	Production of Para Rubber	Majhisahi, Dhenkanal, 9178429568
5	Dhenkanal	Tinka Panda	Cashew processing	Ostapala,,Dhenkanal 9437231969
6	Dhenkanal	Prabesh Kumar Jena	IFS	Gobindaprasad, Odapada, 7504954390
7	Dhenkanal	Tapan Panda	Yearling production	Analabareni, Kamakhyanagar,9861176706
8	Dhenkanal	Jhunubala sahoo	Mushroom	Lambodarpur, Dhenkanal 9861039964
9	Dhenkanal	Sarojini Sahu	Value addition	Khandabandha, Gondia,9776759493
10	Dhenkanal	Prem Sankar Mishra	Farm Mechanization	Katasamada, Dhenkanal ,9437094042

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	1 st May	15
2	25 th July	15
3	24 th August	15
4	25 th Sept	15
5	16 th Oct	15
6	28 th Nov	15
7	16 th Dec	15
8	16 th Jan	15
9	13 th Feb	15
10	25 th March	15

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Dhenkanal	4	4	15	35

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.

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

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Jajpur and Angul	Technology, workshop, ex trainee samelan and meeting	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Dhenkanal			

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Dhenkanal	28.06.2011	21	-

24. Status of RTI

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

25. E-CONNECTIVITY (ERNET Lab)

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			
Dhenkanal							

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Dhenkanal	Gosthies	4	120	Paddy, Groundnut, fishery
Dhenkanal	Lectures organized	5	250	INM, IPM, Value
Dhenkanal	Exhibition	6	300	Enterprises and value addition
Dhenkanal	Film show	6	300	Crop and livestock
Dhenkanal	Fair	1	100	Agricultural technology
Dhenkanal	Farm Visit	8	80	Horticulture
Dhenkanal	Diagnostic Practical's	2	100	Liming, seed treatment, soil collection, repair of tractor, feeding to fish
Dhenkanal	Distribution of Literature (No.)	8	350	Agricultural technology
Dhenkanal	Distribution of Planting materials (No.)	10000	100	Vegetables
Dhenkanal	Bio Product distribution (Kg)	1000	10	Vermicompost
Dhenkanal	Bio Fertilizers (q)			
Dhenkanal	Distribution of fingerlings (No)	20000	10	Fish(IMC)
Dhenkanal	Distribution of Livestock specimen (No.)	100	10	Banaraja
Dhenkanal	Total number of farmers visited the technology week	6	300	Soil and Animal health camp, etc

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
1	Dhenkanal	Gnut	05	25
2	Dhenkanal	Arhar	05	25

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
1	Dhenkanal	Oilseeds	5.0	38
2	Dhenkanal	Pulses	5.0	25
3	Dhenkanal	Cereals	1.0	05
4	Dhenkanal	Vegetable crops	1.0	10
5	Dhenkanal	Tuber crops	1.0	5

6	Dhenkanal	Fruits	1.0	5
7	Dhenkanal	Spices		
8	Dhenkanal	Cotton		
	Dhenkanal	Total	14.0	88

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No. of participants
1	Dhenkanal	Dairy Management	3	75
2	Dhenkanal	Disease management	1	50
3	Dhenkanal	Feed and fodder technology	3	75
4	Dhenkanal	Poultry management	2	50

Animal health camps to be organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Dhenkanal	01	100	50

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Dhenkanal	Groundnut	3	5	25
Dhenkanal	vegetables	0.5	5	10

Seedlings and Saplings to be distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Dhenkanal	Brinjal	1000	0.1	2
Dhenkanal	Chilli	1000	0.05	2
Dhenkanal	Ginger	1000	0.25	2
Saplings				
Dhenkanal	Teak, Eucalyptus	600	1	5

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
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Dhenkanal				
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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
Dhenkanal	<i>E foetida</i>	0.04	-	1
Dhenkanal	Vermicompost	20	-	20

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers
Dhenkanal	Cultivation of fruits	25	125
Dhenkanal	Drought tolerant crop and sort duration variety	100	220
Dhenkanal	Integrated Crop Management	150	400
Dhenkanal	weed management in groundnut	1200	2500

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
Dhenkanal	20	500	6	180	20	600	1	500	3	150	06	240
Total	20	500	6	180	20	600	1	500	3	150	06	240

28. 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			
	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

7. Feedback of Farmers for future improvement, if any.

8. Good Action Photographs after work progress (step-wise)

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

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Dhenkanal	30306531704			

31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Dhenkanal	Progressive farmer	Farmer	KVK & OUAT	

32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Dhenkanal	05	05

Two best only in the following format: Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

33. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) {attached in Annexure-I}