

**FORMAT
FOR
ANNUAL ACTION PLAN OF THE
KVKs IN ZONE VII**

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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 mentioning “Additional Information”**
- 9. 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.**

Note for Annual Action Plan 2015-16

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2014 to 31st March 2015 in the table no.1,(1.1,1.2,1.3,1.4), 2.1, 3.2, 3.4, 3.5, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 6.0, 7.1, 7.2, 7.3, 7.4, 8.1, 9.0, 10.0, 11, 12.1, 12.2, 12.3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29. Remaining of the column and tables will be filled up after completion of the work as Annual Progress Report.

2) Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

PERIOD – April 2015 to March, 2016

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	
Bhadrak	OFTs	19	174			
Bhadrak	FLDs – Oilseeds (activity in ha)	5.0	20			
Bhadrak	FLDs – Pulses (activity in ha)	5.0	20			
Bhadrak	FLDs – Cotton (activity in ha)	-	-			
Bhadrak	FLDs – Other than Oilseed and pulse crops(activity in ha)	12.54	105			
Bhadrak	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	9units	61			
Bhadrak	Training-Farmers and farm women	70	1990			
Bhadrak	Training-Rural youths	9	185			
Bhadrak	Training- Extension functionaries	12	215			
Bhadrak	Extension Activities	192	5745			
Bhadrak	Seed Production (Number of activity as seeds in quintal)	301	1060			
Bhadrak	Planting material (Number of activity as quantity of planting material in quintal)	12300	230			
Bhadrak	Seedling Production (Number of activity as number of seedlings in numbers)	31500	1440			
Bhadrak	Sapling Production (Number of activity as number of sapling in numbers)	-	-			
Bhadrak	Other Bio- products (No. of quantity) Vermicompost	25qtl.				
Bhadrak	Live stock products	5055000				
Bhadrak	Activities of Soil and Water Testing Laboratory(Soil Sample-1000nos. & Water Sample-100 nos.)	1100				
Bhadrak	Rainwater Harvesting System	-				
Bhadrak	Kisan Mobile Advisory (KVK-KMA)	100	3000			
Bhadrak	SAC Meeting (Date & no. of core/ official members)	2	50			
Bhadrak	Literature to be Developed/Published					
Bhadrak	Convergence programmes / Sponsored programmes					
Bhadrak	Utilization of Farmers Hostel	-				

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	
Bhadrak	Utilization of Staff Quarters	-				
Bhadrak	Details of KVK Agro-technological Park					
Bhadrak	Crop Cafeteria-					
Bhadrak	Farm Innovators- list of 10 farm innovators from the District					
Bhadrak	Status of Revolving Funds					
Bhadrak	Awards and Recognitions					
Bhadrak	Case study / Success Story to be developed					
Bhadrak	KVK Progressive Farmers interaction					
Bhadrak	Outreach of KVK in the District (No. of blocks, no. of villages)					
Bhadrak	Technology Demonstration under Tribal Sub Plan					
Bhadrak	KVK Ring					
Bhadrak	Important visitors to KVK					
Bhadrak	Status of KVK Website					
Bhadrak	Status of RTI					
Bhadrak	E-connectivity					
Bhadrak	Details of Technology Week Celebrations					
Bhadrak	Interventions on Drought Mitigation					
Bhadrak	Proposal of NAIP					
Bhadrak	Proposal of NICRA					
Bhadrak	Well labeled photographs					
Bhadrak	Other Activities					

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
Bhadrak	Programme Coordinator	Dr. Aurovinda Das	Agronomy	Ph.D.	Agronomy	15600-39100 & GP-8000	33140	03.09.12	Permanent	Others
Bhadrak	Subject Matter Specialist1	Sri Ambika Prasad Nayak	Fishery Science	M.F Sc	Aquaculture	15600-39100 & GP-6000	28220	24.03.05	Permanent	OBC
Bhadrak	Subject Matter Specialist2	Sri Pradyumna Kumar Mandal	Agronomy	M. Sc (Ag.)	Soil and water conservation	8,000-275-13,500	5556	14.12.09	Permanent	Others
Bhadrak	Subject Matter Specialist3	Dr. Umasankar Nayak	Plant Protection	Ph.D.	Entomology	15600-39100 & GP-6000	28220	20.06.11	Permanent	Others
Bhadrak	Subject Matter Specialist4	Smt Saswati Pattnaik	Home Science	MSc	Child Development & Family Relation	15600-39100 & GP-6000	28220	05.09.14	Permanent	Others
Bhadrak	Subject Matter Specialist5	Dr. Debiprasad Dash	Soil Science	Ph.D.	Soil Science & Agril. Chemistry	15600-39100 & GP-6000	25050	11.02.14	Contractual	Others
Bhadrak	Subject Matter Specialist6	Sri. B.N.Sahoo	Horticulture	M. Sc (Ag.)	Horticulture	15600-39100 & GP-6000	27390	18.06.12	Permanent	Others
Bhadrak	Programme Assistant	Sri Gayadhar Shial	Forestry	B. Sc (Forestry)	Agro-Forestry	9300-34,800 & GP-4200	17130	01.10.12	Permanent	SC
Bhadrak	Farm Manager	Sri Debashis Nayak	Agronomy	M.Sc (Ag)	Weed Science	9300-34,800 & GP-4200	14760	31.07.13	Permanent	Others
Bhadrak	Computer Programmer	Sri Jeeban Kumar Biswal	Computer Application	M.C.A.	Computer Application	9300-34,800 & GP-4200	17650	19.06.08	Permanent	Others
Bhadrak	Accountant / superintendent	Sri Somanath Mandal	-	B.A	-	9300-34,800 & GP-4600	22310	01.08.09	Permanent	SC
Bhadrak	Stenographer	Smt Rajashree Singh	-	B.A.	-	5200-20200 & GP-2400	9670	11.10.06	Contractual	OBC
Bhadrak	Driver	Sri Sansaya Kumar Nayak	-	-	-	5200-20,200 & GP-1900	8250	21.12.09	Contractual	Others
Bhadrak	Driver	Sri Sradhansu Sekhar Pattnaik	-	-	-	5200-20,200 & GP-1900	8250	27.01.11	Contractual	Others

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)
Bhadrak	Supporting staff	Sri Prasanta Kumar Dalai	-	9 th Pass	-	4440-7440 & GP-1300	6680	28.07.08	Contractual	OBC
Bhadrak	Supporting staff	Sri Harihara Nayak	-	9 th Pass	-	4440-7440 & GP-1300	7090	17.07.13	Contractual	Others

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

A. Block Wise Cultivable area of Bhadrak District(in terms of ha.)

KVK Name	Name of the Block	No. of Villages	Geographical areas	Cultivable Area			
				High	Medium	Low	Total
Bhadrak	Bhadrak	170	35424	2617	14825	9158	26600
Bhadrak	Tihidi	159	37812	1061	8060	13829	22950
Bhadrak	Basudevpur	204	52923	2535	15371	16494	34400
Bhadrak	Dhamnagar	153	24340	647	6007	11896	18550
Bhadrak	Bhandaripokhari	176	23024	1767	6433	9700	17900
Bhadrak	Chandbali	289	68411	455	4302	31943	36700
Bhadrak	Bonth	205	28230	4535	7662	6703	18900
Bhadrak	Total	1356	270164	13617	62660	99723	176000

B. Land Holding Pattern in Bhadrak District

Name of KVK	Types of Land	Area in Ha.	Size of Holding	No. of Holdings	% Total	Area(ha) under cultivation	% Total
Bhadrak	Cultivable Area	176000	< 1ha	86120	58.5	39057	22.2
Bhadrak	Total Paddy Area	165300	1-2ha	3445	23.4	47850	27.2
Bhadrak	High Land Paddy Area	7307	2-4ha	20850	14.3	55340	31.4
Bhadrak	Med. Land Paddy Area	58270	4-10ha	5431	3.6	29988	17.2
Bhadrak	Low Land Paddy Area	99723	>10ha	249	0.2	3322	2.0

Source: Agricultural Strategy of Bhadrak District, Kharif-2010

C. Population

Name of KVK	Description	Census 2011	Census 2001
Bhadrak	Actual Population	1,506,522	1,333,749
Bhadrak	Male	760,591	675,642

Bhadrak	Female	745,931	658,107
Bhadrak	Population Growth	12.95%	20.61%
Bhadrak	Area Sq. Km	2,505	2,505
Bhadrak	Density/km²	601	532
Bhadrak	Proportion to Orissa Population	3.59%	3.62%

As per Census-2011

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2012 to 31.3.2013 (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)
Bhadrak	Khirasahi	2012-13	Bhadrak	22 km	1240	240
Bhadrak	Rajualibindha	2012-13	Bhadrak	32 km	820	136
Bhadrak	Suanapada	2012-13	Bonth	32 km	540	104
Bhadrak	Barunei	2013-14	Tihidi	24 km	534	92
Bhadrak	Miriga	2013-14	Basudevpur	40 km	488	82

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

KVK Name	THRUST AREA
Bhadrak	Integrated Crop Management of Rice including stress ecosystems
Bhadrak	Varietal evaluation in field and horticultural crops
Bhadrak	Promoting Diversified cropping patterns with emphasis on the area expansion of pulses and oil seed crops
Bhadrak	Promotion of farm mechanization and RCT in rice based cropping system
Bhadrak	Promoting INM and IPDM approach in field and horticultural crops
Bhadrak	Soil health management and management of problematic soil
Bhadrak	Scientific management practices in pisciculture
Bhadrak	Promoting pond based integrated fish farming system
Bhadrak	Promotion of off farm activities and secondary agriculture for employment generation
Bhadrak	Employment generation and drudgery reduction of farm women

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
Bhadrak	Low yield and income from Paddy	FGD, Problem analysis	Khirasahi of Bhadrak block, Suanapada of Bonth block, Barunei of Tihidi block

Bhadrak	Low yield and income from vegetables.	FGD, Problem analysis	Rajualibindha & Khirasahi of Bhadrak, Suanapda of Bonth, Miriga of Basudevpur
Bhadrak	Low yield and income from pisciculture	PRA and FGD	Khirasahi of Bhadrak, Jamajodi of Tihidi
Bhadrak	Low household income sources for resource poor farm families	FGD, Problem analysis	Rajualibindha, Radhaballavpur of Dhamnagar and Suanapada

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
Bhadrak	Kharif 2015	Poor yield in rice due to salinity problem in Chandbali and Tihidi blocks	Assessment	Varietal evaluation	Paddy	Irrigated medium land/ Rainfed shallow low land	1.6	5	Assessment of Salt tolerant Varieties of Rice				
Bhadrak	Kharif 2015	Poor nutrient management strategy of farmers in rice under flash flood situation causing low yield	Assessment	ICM	Paddy	Rainfed shallow low-lowland	1.7	7	Assessment of N & P management in rice under frequent flash flood ecology				
Bhadrak	Rabi 2015-16	Low yield of black gram due to nutritional stress	Assessment	Crop production	Paddy	Rainfed lowland	1.4	7	Assessment of NPK management under Rice-blackgram paira cropping system				
Bhadrak	Year round, 2015-16	Low yield due to poor nutrient availability in manure and existing vermicompost produced using paddy straw	Assessment	INM	Vermi compost	-	7 nos	7	Assessment of vermi compost using locally available aquatic weeds(Water hyacinth)				
Bhadrak	Kharif 2015	Low yield in rice due to heavy infestation of BPH & WBPH	Assessment	IPM	Paddy	Rainfed medium land	1.6	8	Assessment of IPM modules for the management of plant hoppers in rice				
Bhadrak	Kharif 2015	Low yield in rice due to heavy incidence of rice sheath blight	Assessment	IDM	Paddy	Rainfed Medium land	1.6	8	Assessment of Sheath blight management in Rice				
Bhadrak	Rabi 2015-16	Low yield in pointed gourd due to high infestation of fruit fly	Assessment		Pointed gourd	Irrigated medium land	1	8	Assessment of Integrated management of Fruit fly in Pointed gourd				
Bhadrak	Summer 2015	Low yield in green gram due to heavy incidence of <i>Spodoptera litura</i>	Assessment	IPM	Green gram	Irrigated Medium land	1.3	13	Assessment of Integrated management of Spodoptera litura in green gram				
Bhadrak	2015-16(Rabi)	Low yield of tuber due to non qualitative planting material	Assessment	Varietal evaluation	Potato	Irrigated medium land	0.5	13	Assessment of potato variety Kufri Surya and Kufri Chipsona-1				

Bhadrak	2015 (Summer)	Less retention of flower due to no use of bioregulator and micronutrient leading to low yield	Assessment	INM	Okra	Irrigated - Rainfed medium Rice-vegetable cropping system	1	13	Assessment of management strategy for checking flower drop in okra				
Bhadrak	Kharif-2015	Heavy mortality of bigger-size fish seeds due to man-made physical injury & depletion of dissolved oxygen while transportation in open containers	Assessment	Production & Management	Fish	Open water containers	20	20	Assessment of 'Oxyflow', the oxygen enhancer for transportation of fish seed				
Bhadrak	Rabi-2015-16	Low yield from carp culture due to less growth during winter	Assessment	Production & Management	Fish	Alluvial, Canal-fed, Small to Medium tanks	1.2	3	Assessment of growth promoter 'Raa fres- AQ' in maximizing fish growth during winter				
Bhadrak	Rabi-2015-16	Low yield from carp culture due to frequent out-break of crustacean parasitic disease- 'Argulosis'	Assessment	Integrated Disease Management	Fish	Alluvial, Canal-fed, Small to Medium tanks	2	5	Assessment of Ivermectin 2% w/w in controlling Argulosis				
Bhadrak	Kharif & Rabi-2015-16	High perishability of straw mushroom, Difficult to transport quality products	Assessment	Value addition	Mushroom	Homestead	65kg	10	Assessment of increasing shelf life of paddy straw mushroom by using eco-friendly semi-hard plastic container covered with transparent film sheet				
Bhadrak	Rabi-2015-16	Direct selling and no value addition to mushroom. After harvest, changes like browning, loss of moisture and texture occur. Causes several gastrointestinal discomfort. Thus, Low price from raw mushroom	Assessment	Value addition	Mushroom	Homestead	13 no	13	Assessment of low cost technology of drying of oyster mushroom (Pleurotus ostreatus)				
Bhadrak	Rabi-2015-16	Low profitability from local breeds	Assessment	Income generation	Poultry	Backyard	13 no	13	Assessment of different poultry breeds for backyard rearing				
Bhadrak	Kharif 2014 & Kharif 2015	Poor nutrient management in hybrid rice cultivation in Rice-Mustard system	Assessment	INM	Paddy	Irrigated medium land rice based cropping system		7	Assessment of Nutrient Management strategy in Hybrid Rice				
Bhadrak	Rabi, 2015-16	High cost of ploughing, loss of residual soil moisture, broadcast sowing	Assessment	INM	Rice-Mustard	Irrigated medium land in rice-mustard cropping sequence		7	Assessment of Resource Conservation Technology in mustard in Rice- Mustard cropping system				
Bhadrak	Round the year (5 years)	Under utilized pond, Low family income and poor nutritional supplements to the farm family	Assessment	Integrated Farming System	IFS	Under/ Unutilized backyard ponds		7	Assessment of Pond based IFS model for marginal farmers				

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel
Assessment of Salt tolerant Varieties of Rice		
Assessment of N & P management in rice under frequent flash flood ecology		

Assessment of nutrient management strategy under Rice-blackgram paira cropping system		
Assessment of vermi compost using locally available aquatic weeds(Water hyacinth)		
Assessment of IPM modules for the management of plant hoppers in rice		
Assessment of Sheath blight management in Rice		
Assessment of Integrated management of Fruit fly in Pointed gourd		
Assessment of Integrated management of Spodoptera litura in green gram		
Assessment of potato variety Kufri Surya and Kufri Chipsona-1		
Assessment of management strategy for checking flower drop in okra		
Assessment of 'Oxyflow', the oxygen enhancer for transportation of fish seed		
Assessment of growth promoter 'Raa fres- AQ' in maximizing fish growth during winter		
Assessment of Ivermectin 2% w/w in controlling Argulosis		
Assessment of increasing shelf life of paddy straw mushroom by using eco-friendly semi-hard plastic container covered with transparent film sheet		
Assessment of low cost technology of drying of oyster mushroom (Pleurotus ostreatus)		
Assessment of different poultry breeds for backyard rearing		
Assessment of Nutrient Management strategy in Hybrid Rice		
Assessment of Resource Conservation Technology in mustard in Rice- Mustard cropping system		
Assessment of Pond based IFS model for marginal farmers		

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)
Bhadra k	Assessment of Salt tolerant Varieties of Rice												
Bhadra k	Assessment of N & P management in rice under frequent flash flood ecology												
Bhadra k	Assessment of nutrient management strategy under Rice-blackgram paira cropping system												
Bhadra k	Assessment of 12vermi compost using locally available aquatic weeds(Water hyacinth)												
Bhadra k	Assessment of IPM modules for the management of plant hoppers in rice												
Bhadra k	Assessment of Sheath blight management in Rice												
Bhadra k	Assessment of Integrated management of Fruit fly in Pointed gourd												
Bhadra k	Assessment of Integrated management of Spodoptera litura in green gram												
Bhadra k	Assessment of potato variety Kufri Surya and Kufri Chipsona-1												

Bhadrak	Onion	Varietal evaluation	Improved variety, high yield potential, single centered bulb, maturity duration 110-120 days, tolerant to purple blotch	Training, Field day	12	120	8
Bhadrak	Garlic	Varietal evaluation	Improved variety, Tolerant to purple blotch and stem phylum blight and thrips	Training, Field day	5	65	6
Bhadrak	Pointed gourd	Integrated Crop Management	High yielding, profuse bearer, slight green colour fruit	Training, TV programme	12	12	20
Bhadrak	Mushroom	Small Scale income generating enterprises	Production and Management of mushroom bed throughout the year.	Field day, Training, Book lets, Media coverage	357	1000	2500000
Bhadrak	Vegetable	Nutritional security	Selection of variety, Proper layout, balances fertilizer application.	Training, Book lets, Media coverage	13	141	5
Bhadrak	Fish	Disease of Management	Management of EUS in fish by application of CIFAX	Field day, Training. Booklets, Media coverage	221	2507	402
Bhadrak	Grass carps	Weed Management	Biological weed control by using grass carps	Field day, Training. Booklets, Media coverage	142	408	265
Bhadrak	Fish	Varietal evaluation	Introduction of Medium carps in 3-species IMC culture	Field day, Training. Booklets, Media coverage	09	38	18.3
Bhadrak	Duckery	Production and Management	Introduction of duckery in pond based farming system	Field day, Training. Booklets, Media coverage	38	191	42.24
Bhadrak	Prawn	Production and Management	Fresh water prawn poly culture with carps	Field day, Training. Booklets, Media coverage	30	148	83
Bhadrak	Fish	Production and Management	Biological control of fish diseases during winter by using water probiotics	Field day, Training. Booklets, Media coverage	25	107	63
Bhadrak	Pond based farming system	Integrated crop management	Enterprise combination and proper utilization of pond bund	Popular article, mass media	62	152	95.7

3.2 Details of FLDs to be implemented during 2015-16

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers					
							Demons	Check		SC	ST	OBC	Others	Total	
Bhadrak	Varietal evaluation	Rice	Kharif 2015	Demonstration of flood tolerant rice variety Swarna Sub 1	2.00	Swarna Sub 1									10
Bhadrak	INM	Rice	Kharif 2015	Demonstration on K and Zn management for control of Iron toxicity in rice	2.00	Swarna									10
Bhadrak	ICM	Rice	Kharif 2015	Demonstration of Brown manuring in Direct Seeded Rice	2.00	Swarna									10
Bhadrak	NM	Groundnut	Rabi, 2015-16	Demonstration of combined nutrient spray in Ground nut	1.04	TMV-2									10

Bhadrak	ICM	Toria	Rabi, 2015-16	Demonstration on Scientific cultivation of Toria	5.00	Parvati											20
Bhadrak	ICM	Green gram	Summer, 2016	Demonstration on Scientific cultivation of Green gram	5.00	Local (Tola Muga)											20

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
Bhadrak	Rice	Demonstration of flood tolerant rice variety Swarna Sub 1											
Bhadrak	Rice	Demonstration on K and Zn management for control of Iron toxicity in rice											
Bhadrak	Rice	Demonstration of Brown manuring in Direct Seeded Rice											
Bhadrak	Groundnut	Demonstration of combined nutrient spray in Ground nut											
Bhadrak	Brinjal	Demonstration on of Partial wilt management in brinjal											
Bhadrak	Rice	Integrated management of yellow stem borer in summer rice											
Bhadrak	Onion	Demonstration on Onion var. Bhima Super in late kharif											
Bhadrak	Pointed gourd	Demonstration on pointed gourd cv. Swarna Alaukik											
Bhadrak	Brinjal	Demonstration wilt tolerant Brinjal cv. Swarna Shyamali											
Bhadrak	Banana	Demonstration on tissue culture banana Bantala											
Bhadrak	Fish	Demonstration on intercropping of Java Punti in three species IMC culture											
Bhadrak	Fish	Demonstration on 'Jayanti rohu' (CIFA-IR) in 3-species IMC culture											
Bhadrak	Fish	Demonstration on CaO2 in mitigating low DO condition in pisciculture tanks											
Bhadrak	Fish	Demonstration on performance of farm made fish feed											
Bhadrak	Coconut	Demonstration on coconut dehushker (sitting type)											
Bhadrak	Duck	Demonstration on Khaki Campbell duck breed in pond/unused water bodies for income generation of Farm Women											
Bhadrak	Mushroom	Demonstration of preparation of oyster mushroom spawn with paddy grain											
Bhadrak	Paddy-Green gram	Demonstration of Grain pro Super bag for storage of rice & green gram											
Bhadrak	Hybrid Acacia	Introduction of Hybrid Acacia based farm forestry											
Bhadrak	Lac	Inoculation and management of Rangin brood lac in rain trees											
Bhadrak	Toria	Demonstration on Scientific cultivation of Toria											
Bhadrak	Green gram	Demonstration on Scientific cultivation of Green gram											

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Bhadrak	Rice	Field days	1	30	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Rice	Field days	1	30	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Rice	Field days	1	30	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Groundnut	Field days	1	30	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Toria	Field days	1	50	
Bhadrak		Farmers Training	1	30	
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Green gram	Field days	1	50	
Bhadrak		Farmers Training	1	30	
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Brinjal	Field days			
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Rice	Field days			
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Onion	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage	1	-	
Bhadrak		Training for extension functionaries			
Bhadrak	Pointed gourd	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage	1	-	

Bhadrak		Training for extension functionaries			
Bhadrak	Brinjal	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Banana	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage	1	-	
Bhadrak		Training for extension functionaries			
Bhadrak	Fish (IMC+ Java Punti)	Field days	1	50	
Bhadrak		Farmers Training	1	30	
Bhadrak		Media coverage	1	-	
Bhadrak		Training for extension functionaries	-	-	
Bhadrak	Fish (IMC)	Field days	1	50	
Bhadrak		Farmers Training	1	30	
Bhadrak		Media coverage	-	-	
Bhadrak		Training for extension functionaries	-	-	
Bhadrak	Fish (IMC)	Field days	1	50	
Bhadrak		Farmers Training	-	-	
Bhadrak		Media coverage	1	-	
Bhadrak		Training for extension functionaries	1	15	
Bhadrak	Fish (IMC)	Field days	1	50	
Bhadrak		Farmers Training	1	20	
Bhadrak		Media coverage	-	-	
Bhadrak		Training for extension functionaries	-	-	
Bhadrak	Rice , Paddy &Green gram.	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Coconut	Field days			
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	P.sajorcaju	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Paddy-Green gram	Field days			
Bhadrak		Farmers Training			
Bhadrak		Media coverage			

Bhadrak		Training for extension functionaries			
Bhadrak	Duck	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Hybrid Acacia	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		Training for extension functionaries			
Bhadrak	Lac	Field days	1	25	
Bhadrak		Farmers Training			
Bhadrak		Media coverage			
Bhadrak		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.
	Bhadrak	-	-	-	-	-

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
Bhadrak				

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Bhadrak	

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
Bhadrak				

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	
Bhadrak	FW	OFC	CRP	Line planting of direct seeded rice	2	2	60									
Bhadrak	FW	OFC	CRP	Weed Management in transplanted rice.	1	1	30									

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
Bhadrak	FW	OFC	CRP	Fertilizer management and water management in transplanted rice	1	1	30								
Bhadrak	FW	OFC	CRP	Rabi pulse cultivation method in rainfed agriculture	1	1	30								
Bhadrak	FW	OFC	CRP	Scientific method of toria/mustard cultivation	1	1	30								
Bhadrak	FW	OFC	CRP	Conservation agriculture for rabi pulses	1	2	30								
Bhadrak	FW	ONC	CRP	Scientific method of sunflower cultivation	1	1	30								
Bhadrak	FW	OFC	SFM	Importance & method of soil testing and soil sampling	1	1	25								
Bhadrak	FW	OFC	SFM	Azolla & its importance	1	1	25								
Bhadrak	FW	OFC	SFM	Green manuring in paddy	1	1	25								
Bhadrak	FW	OFC	SFM	Saline soil management	1	1	25								
Bhadrak	FW	OFC	SFM	INM in Betel vine	1	1	25								
Bhadrak	FW	OFC	SFM	Vermi-composting	1	1	25								
Bhadrak	FW	OFC	SFM	INM in Onion	1	1	25								
Bhadrak	FW	OFC	SFM	INM in Rabi Paddy	1	1	25								
Bhadrak	FW	ONC	SFM	Use of biofertilizers	1	1	25								
Bhadrak	FW	ONC	SFM	Management of iron toxicity	1	1	25								
Bhadrak	FW	OFC	IDM	Seed treatment for minimizing disease incidence	1	1	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in jute	1	1	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in rice	1	2	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in coconut and banana	1	2	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in brinjal, tomato and chilli	1	2	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in cole crops	1	1	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management of ground nut	1	1	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in toria	1	1	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management of black gram and green gram	1	1	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in cucurbits (Cucumber, bittergourd & pointed gourd)	1	2	30								
Bhadrak	FW	OFC	IPDM	Insect pest and disease management in summer rice	1	1	30								
Bhadrak	FW	OFC	HOT	Production technology of elephant foot yam and yam	1	1	30								
Bhadrak	FW	OFC	HOV	Selection of Horticultural crops on pond bund	1	1	30								
Bhadrak	FW	OFC	HOF	Production technology of papaya	1	1	30								
Bhadrak	FW	OFC	HOV	Early cauliflower cultivation for higher income	1	1	30								
Bhadrak	FW	OFC	HOV	Agro techniques of offseason onion	1	1	30								
Bhadrak	FW	OFC	HOF	Scientific nursery raising of marigold and its cultivation	1	1	30								

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
Bhadrak	FW	OFC	HOV	Nursery management of cole crops (cauliflower, cabbage and knolkhol)	1	1	30								
Bhadrak	FW	OFC	HOV	Production technology of potato	1	1	30								
Bhadrak	FW	OFC	HOV	Application of PGR in bitter gourd	1	1	30								
Bhadrak	FW	OFC	HOV	Method of hormonal application in pointed gourd	1	1	30								
Bhadrak	FW	OFC	HOV	Production technology of capsicum	1	1	30								
Bhadrak	FW	OFC	HOV	Weed management in potato and onion	1	1	30								
Bhadrak	FW	OFC	FIS	Pond preparation and pre-stocking management in pisciculture tanks	1	1	30								
Bhadrak	FW	OFC	FIS	Integrated fish farming	1	1	25								
Bhadrak	FW	OFC	FIS	Post Stocking Liming, manuring, fertilization and supplementary feeding in pisciculture tanks.	1	1	30								
Bhadrak	FW	OFC	FIS	Eco-friendly chemicals, medicines, growth promoters and probiotics used in aquaculture	1	1	30								
Bhadrak	FW	OFC	FIS	Repeated stocking and repeated harvesting method of pisciculture	1	2	30								
Bhadrak	FW	OFC	FIS	Backyard ornamental Fish farming	1	1	25								
Bhadrak	FW	OFC	FIS	Intercropping of minor and medium carps in 3-species IMC culture	1	1	30								
Bhadrak	FW	OFC	FIS	Prophylaxis and Fish disease control in Pisciculture tanks	1	1	30								
Bhadrak	FW	OFC	FIS	Fish-cum-duck farming in small backyard tanks	1	1	30								
Bhadrak	FW	OFC	FIS	Pond water, feed and disease management in fresh water prawn culture	1	1	30								
Bhadrak	FW	OFC	FIS	Protective Nile Tilapia farming in very small backyard seasonal tanks	1	1	30								
Bhadrak	FW	OFC	WOE	Production technology of Paddy straw Mushroom	1	1	25								
Bhadrak	FW	OFC	WOE	Technique of safe storage of grains.	1	1	25								
Bhadrak	FW	OFC	WOE	Technique of using women friendly handy tools and implements for efficient farm & household works.	1	1	25								
Bhadrak	FW	OFC	WOE	Techniques of low cost brooding of one day old chicks at backyard.	1	1	25								
Bhadrak	FW	OFC	WOE	Preparation of tomato sauce, chutney and tomato pickle during peak period of harvest.	1	2	25								
Bhadrak	FW	OFC	WOE	Value addition to mushroom.	1	1	25								
Bhadrak	FW	OFC	WOE	Off- season paddy straw mushroom cultivation.	1	1	25								
Bhadrak	FW	ONC	WOE	Spawn preparation technique of mushroom.	1	5	15								
Bhadrak	FW	OFC	AGF	Propagation technology of Mahogany trees	1	1	30								
Bhadrak	FW	OFC	AGF	Nursery raising technology of important mangrove species	1	1	30								
Bhadrak	FW	OFC	AGF	Propagation technology of Mahogany trees	1	1	30								
Bhadrak	FW	OFC	AGF	Nursery raising techniques of important mangrove species	1	1	30								
Bhadrak	FW	OFC	AGF	Propagation technology of Teak stumps seedlings	1	1	30								

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
Bhadrak	FW	OFC	AGF	Vegetative propagation of Bamboo	1	1	30								
Bhadrak	FW	OFC	AGF	Techniques of Acacia based farm forestry	1	1	30								
Bhadrak	FW	OFC	AGF	Package of practices for mangium of farm forestry	1	1	30								
Bhadrak	FW	OFC	AGF	Suitable forestry plants on field bund for higher income generation	1	1	30								
Bhadrak	FW	OFC	AGF	Package of practices of Kusumi lac production in Flemingia semialata plants	1	1	30								
Bhadrak	IS	ONC	SFM	Techniques to recycle farm wastes and green manuring	1	2	15								
Bhadrak	IS	ONC	IPM	Emerging pest problems in agriculture and their management	1	1	20								
Bhadrak	IS	ONC	IPM	New Generation pesticides & their judicious use in pest management.	1	1	20								
Bhadrak	IS	ONC	HOV	Weed management in vegetable crops	1	1	15								
Bhadrak	IS	ONC	HOV	Good Agricultural Practices in Vegetable Crops	1	1	15								
Bhadrak	IS	ONC	EXP	Scientific yearling culture & multiple cropping pattern of pisciculture	1	2	15								
Bhadrak	IS	ONC	EXP	Brackish water white-legged shrimp (<i>Litopenaeus vannamei</i>) farming	1	2	15								
Bhadrak	IS	ONC	WOE	Different types of agro- based enterprises for farm women.	2	4	50								
Bhadrak	IS	ONC	WOE	Malnutrition & preparation of low cost balanced diet for children below 5 years age, Pregnant & lactating mother.	2	4	40								
Bhadrak	IS	ONC	IS	Inoculation and management of rangeen brood lac in rain trees	1	1	10								
Bhadrak	RY	ONC	SFM	Method of Vermi-composting and vermin-wash production	1	2	15								
Bhadrak	RY	ONC	Beekeeping	Scientific beekeeping	1	4	20								
Bhadrak	RY	ONC	HOV	Nursery raising technique for quality vegetable seedling production	1	4	15								
Bhadrak	RY	ONC	RYH	Quality Seed Production (Fry, Fingerlings, Stunted Fingerlings /yearlings) of Indian Major carps	1	3	25								
Bhadrak	RY	ONC	RYH	Year round sustainable yearlings/Stunted fingerlings production techniques	1	3	25								
Bhadrak	RY	ONC	WOE	Preparation of dry decorative from agro-waste.	1	2	20								
Bhadrak	RY	OFC	WOE	Production of Paddy straw mushroom under low cost poly house in winter.	1	1	25								
Bhadrak	RY	OFC	WOE	Spawn preparation technique of mushroom.	1	5	20								
Bhadrak	RY	ONC	AGF	Nursery raising techniques of forest and medicinal plants	1	2	20								

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

Bhadrak	Quality Seed Production (Fry , Fingerlings, Stunted Fingerlings /yearlings) of Indian Major carps	Fish	Production and Management	3					25	
Bhadrak	Year round sustainable yearlings/Stunted fingerlings production techniques	Fish	Production and Management	3					25	

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

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

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		

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		

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	

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			
Bhadrak	Field Day	16										
Bhadrak	Kisan Mela	1										
Bhadrak	Kisan Ghosthi											
Bhadrak	Exhibition	3										
Bhadrak	Film Show	22										
Bhadrak	Method Demonstrations	25										
Bhadrak	Farmers Seminar	2										
Bhadrak	Workshop	1										

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			
Bhadrak	Group meetings	6										
Bhadrak	Lectures delivered as resource persons	23										
Bhadrak	Newspaper coverage	10										
Bhadrak	Radio talks	8										
Bhadrak	TV talks	6										
Bhadrak	Popular Articles	12										
Bhadrak	Extension Literature	6										
Bhadrak	Farm Advisory Services	325										
Bhadrak	Scientific visit to farmers field	325										
Bhadrak	Farmers Visit to KVK											
Bhadrak	Diagnostic Visits	24										
Bhadrak	Exposure Visits	2										
Bhadrak	Ex-trainees Sammelan	6										
Bhadrak	Soil Health Camp	4										
Bhadrak	Animal Health Camp	2										
Bhadrak	Agri Mobile Clinic	4										
Bhadrak	Soil Test Campaigns	4										
Bhadrak	Farm Science Club conveners meet	1										
Bhadrak	Self Help Group conveners meetings	2										

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
Bhadrak	Cereals	Paddy	Ranidhan	SD	140.0	qtl	340760	420

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
Bhadrak	Cereals	Paddy	Tejaswini	SD	70.0	qtl	146040	180
Bhadrak	Cereals	Paddy	Swarna Sub-1	SD	70.0	qtl	146040	180
Bhadrak		Dhaincha		SD	30.0	qtl	75000	90
Bhadrak	Oilseed	Sesamum	Amrit	SD	7.0	qtl	50372	140
Bhadrak	Oilseed	Toria	Parbati	SD	14.0	qtl	79324	140
Bhadrak	Trees	Teak	-	PM	500	Nos		
Bhadrak	Trees	Mangium	-	PM	2500	Nos		
Bhadrak	Trees	Gambhar	-	PM	200	Nos		
Bhadrak	Trees	Bamboo	-	PM	300	Nos		
Bhadrak	Trees	Mahogany	-	PM	1000	Nos		
Bhadrak	Trees	Acacia	-	PM	3000	Nos		
Bhadrak	Trees	Others	-	PM	2000	Nos		
Bhadrak	Medicinal	Brahmi	-	PM	100	Nos		
Bhadrak	Medicinal	Sandal Wood		PM	200	Nos		
Bhadrak	Medicinal	Others		PM	2500	Nos		
Bhadrak	Flowers	Marigold	Bengal Orange, Bengal Yellow, Ceracol	PM	4000	Nos	2000	100
Bhadrak	Fruits	Papaya	Sinta, Honew dew, Red lady	PM	500	Nos	5000	600
Bhadrak	Vegetables	Brinjal	Tarini, Blue star, Green star, SG-132	PM	5000	Nos	2000	50
Bhadrak	Vegetables	Chilli	Agnirekha, Utkal Ava, Utkal Rashmi, Utkal Ragini	PM	4000	Nos	2400	50
Bhadrak	Vegetables	Tomato	Utkal Kumari, Utkal Dipti,	PM	4000	Nos	3200	50
Bhadrak	Vegetables	Cabbage	Real ball, rare ball, globe master	PM	3000	Nos	1600	40
Bhadrak	Vegetables	Cauliflower	Snow white, Megha, Barkha, Deepali	PM	3000	Nos	2000	100
Bhadrak	Vegetables	Knolkhol	Winner	PM	4000	Nos	1600	50
Bhadrak	Spices	Onion	Bhima Super, N-53	PM	4000	Nos	2500	400
Bhadrak	Spawn	Mushroom	<i>V.volacea, V.diplasia, P.sajarcaju, P. florida, P.eaos, p.flabillatus</i>	PM	2400	Nos	26400	200
Bhadrak	Mushroom	Mushroom	Paddy straw, Oyster Milk mushroom	SD	3.60	Qtl	7200	50

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	

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	
Bhadrak	BIOAGENTS				
Bhadrak	BIOFERTILIZERS (Vermicompost)	25Qtl.			
Bhadrak	BIOFERTILIZERS (Vermiculture)	10Kg			
Bhadrak	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	
Bhadrak	Cattle	-	-	-	-	-	-
Bhadrak	Buffalo	-	-	-	-	-	-
Bhadrak	Sheep and Goat	-	-	-	-	-	-
Bhadrak	Poultry	-	-	-	-	-	-
Bhadrak	Fisheries	IMC	Stunted yearlings	40,000 nos.	35000	60000	25
Bhadrak	Fisheries -	Nile tilapia	Juveniles	15,000	5000	15000	5
Bhadrak	Others (Specify) Fisheries -	IMC	Spawns	50,00,000	20000	35000	20

8. Activities of Soil and Water Testing Laboratory

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

Year of establishment : - 2006

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
Bhadrak	Soil Sample	1000	1000			
Bhadrak	Water Sample	100	100			

9. Rainwater Harvesting, if available.- NA

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

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

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Bhadrak	100	3000	100	

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Bhadrak	31.07.2015	25	
Bhadrak	13.01.2016	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
Bhadrak	January 2015	Half yearly	500	500
Bhadrak	July 2015	Half yearly	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
Bhadrak			

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	4			2000	2000
Technical bulletins	6	-	Quarterly, Annually, Half yearly	30	30
Technical reports	12	-	Monthly	100	100
Popular article	12	-	Monthly	100	100
News paper coverage	1	March2015	April2015-March2016	200	
Year Planner	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

KVK, Bhadrak	ATMA					
KVK, Bhadrak	MNREGA					
KVK, Bhadrak	NHM					
KVK, Bhadrak	RKVY					
KVK, Bhadrak	DRDA					
KVK, Bhadrak	Zila Panchyat					
KVK, Bhadrak	Seed Village					
KVK, Bhadrak	NAIP					
KVK, Bhadrak	Climate Change					
KVK, Bhadrak	Others (Plz. Specify)					

**14. Utilization of Farmers Hostel. -Not Habitable
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)

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
Bhadrak	-		3	-	

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.)

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

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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	Bhadrak	Mr. Girija Shankar Nayak	Utilization of abandoned B.W. shrimp ponds for commercial carp culture	At/P.O.- Balimunda, Block- Basudevapur, Dist.- Bhadrak, Odisha, Mobile No.- 09437267019 / 09040635621
2	Bhadrak	Mr. Kashinath Behera	Use of homeopathic medicines for fish disease prophylaxis and as mineral supplement in artificial fish feed	At – Jamajodi, P.O.- Gadi , Via:- Pirahat bazar, Block:- Tihidi, Dist:- Bhadrak, Odisha Mobile No.- 07205382217

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

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive

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.- Not 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.

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks

23. Status of KVK Website: -

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors

24. Status of RTI

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

25. E-CONNECTIVITY (ERNET Lab)- Not Available

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

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Bhadrak	Gosthies			
Bhadrak	Lectures organized			
Bhadrak	Exhibition			
Bhadrak	Film show			
Bhadrak	Fair			
Bhadrak	Farm Visit			
Bhadrak	Diagnostic Practical's			
Bhadrak	Distribution of Literature (No.)			
Bhadrak	Distribution of Seed (q)			
Bhadrak	Distribution of Planting materials (No.)			
Bhadrak	Bio Product distribution (Kg)			
Bhadrak	Bio Fertilizers (q)			
Bhadrak	Distribution of fingerlings (No)			
Bhadrak	Distribution of Livestock specimen (No.)			
Bhadrak	Total number of farmers visited the technology week			

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
1	Bhadrak	Oil seeds	10	30
2	Bhadrak	Pulses	10	30

3	Bhadrak	Maize	10	30
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Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
1	Bhadrak	Oilseeds		
2	Bhadrak	Pulses		
3	Bhadrak	Cereals		
4	Bhadrak	Vegetable crops		
5	Bhadrak	Tuber crops		
6	Bhadrak	Fruits		
7	Bhadrak	Spices		
8	Bhadrak	Cotton		
		Total		

Farmers-scientists interaction on livestock management

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

Animal health camps to be organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings to be distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Vermes Produced

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

Large scale adoption of resource conservation technologies

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

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
Bhadrak												

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

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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)-N.A.

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Bhadrak	30530545584	287115.00	453061.00	453061.00

31. Awards & Recognitions

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

32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies

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)

Programme Coordinator
KVK, Bhadrak, Odisha

OFT DETAILS-2015-16(April 2015-March 2016)

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T ₁)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T ₂	T ₃	T ₄				
1	Assessment of Salt tolerant Varieties of Rice	Kharif 2015	Poor yield due to salinity problem in Chandbali and Tihidi blocks	Assessment	Varietal evaluation	Paddy	5	1.5	Irrigated medium land/Rainfed shallow low land	Varieties: Swarna, Ranidhan and other popular vars.	Salt tolerant varieties	Luna Suvarna	Luna Sampad	Luna Barial	CRRRI (2010-12)	Tolerant to coastal salinity, resistant to blast, stem borer	Plant density(hills/sq m), No. of tillers/hill, grain yield, B:C ratio	Crop Production
2	Assessment of N & P management in rice under frequent flash flood ecology	Kharif 2015	Poor nutrient management strategy of farmers leading to low yield after recession of flood	Assessment		Paddy	7	1.4	Rainfed shallow low-land	Poor nutrient management strategy with basal application of N	N & management of flooded rice	Var. Swarna sub 1, Skipping application of basal N, 25% additional P along with 2 splits of K and N application at desubmergence	Var. Swarna sub 1, Skipping application of basal N, 25% additional P along with 2 splits of K and N application at desubmergence (Full dose of P as basal application and 50 % K as foliar application through potassium sulphate @ 1% at desubmergence and PI stage).	Goutam et al., CRRRI, 2013	Better tolerance of rice plant to flood, Efficient nutrient management	Plant density(hills/sq m), No. of tillers/hill, grains/panicle, yield, B:C ratio	Soil Science	
3	Assessment of nutrient management strategy under Rice-blackgram pair cropping system	Rabi 2015-16	Low yield of black gram due to nutritional stress	Assessment	Crop production	Paddy	7	1.4	Rainfed lowland	No fertilizer application to black gram crop	Nutrient management strategy for rice-black gram pair cropping sequence	RDF of rice + Additional 20 kg P ₂ O ₅ to rice as basal application	NPK 20-40-20 Fertilizers mixed with two times soil for 2 days, 15 days before rice harvest broadcast of fertilizer mixer along with 20 kg sea weed extract, sowing of seeds 1-2 days after fertilizer application	Mullarp, OUAT, 2010	Good nutrient management, better yield of blackgram, maintenance of soil health	Blackgram: No. of branches/plant, no. of pods/plant, 1000 grain wt (g), grain yield (q/ha), B:C ratio	Soil Science	

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T ₁)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T ₂	T ₃	T ₄				
4	Assessment of vermi compost using locally available aquatic weeds(Water hyacinth)	Year round, 2015-16	Low yield due to poor nutrient availability in manure and existing vermicompost produced using paddy straw	Assessment	INM	Vermicompost	7	7 nos	-	Farm waste(Paddy straw) and cow dung @ 1:1 ratio	Preparation of vermicompost using different locally available substrate(Vermi-bed size - 10'X3'X2' , Species-Eisenia foetida)	Water hyacinth and cow dung @ 1:1 ratio	Water hyacinth, paddy straw, other farm wastes, cow dung		Saha, N; Chatterjee, P; Sharma, A; Metiya, G; Halder, M and Mukherjee, D(2010). Vermicompost influences Phosphorus microbiology leading to phosphorus enrichment in end product, Int J. Global Environmental Issues	Enrichment of vermicompost	Nutrient Status, yield, B:C ratio	Soil Science
5	Assessment of IPM modules for the management of plant hoppers in rice	Kharif 2015	Low yield in rice due to heavy infestation of BPH & WBPH	Assessment	IPM	Paddy	8	1.6	Rainfed medium land	Indiscriminate spraying of imidacloprid, acetamiprid, quinalphos etc.	Integrated management of plant hoppers in rice	Skip row planting (after 3 m), installation of spider trap @ 25/ha. Need based alternate spraying (based on ETL) of thiomethoxam @ 200g/ha and buprofezin @ 750 ml/ha with tank mix of neem oil	Skip row planting (after 3 m), installation of spider trap @ 25/ha. Need based alternate spraying (based on ETL) of Flonicamid 175 g/ha and Dichlorvos @ 750 ml/ha with tank mix of neem oil		OUAT, DRR, 2012	Integration of cultural, biological and need based chemical methods of pest control	BPH & WBPH/ hill, Spiders/ hill, mirid bugs/ hill, Yield (q/ha)	Plant Protection
6	Assessment of Sheath blight management in Rice	Kharif 2015	Low yield in rice due to heavy incidence of	Assessment	IDM	Paddy	8	1.6	Rainfed Medium land	Spraying of validamycin, propiconazole	Integrated Management of rice sheath blight	Seed & seedling treatment with thiophenate	Seed & seedling treatment with carboxin +		Department of Plant Pathology, PAU, 2011	New generation fungicide	Infected hill/ m ² , PDI, Yield (q/ha), Economics	Plant Protection, Agronomy

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T ₁)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T ₂	T ₃	T ₄				
			rice sheath blight							zole, hexaconazole, carbendazim+ mancozeb		methyl @ 1.5 g/ kg seed / liter of water + Cleaning of field bunds with directed spray of Glyphosate + split dose on N with balance P & K + need based spraying of trifloxystrobin+ tebuconazole (75 WG) @ 200g/ ha	thiram @ 1.5 g/ kg seed / liter of water + Cleaning of field bunds with directed spray of Glyphosate + split dose on N with balance P & K + need based spraying of Thifluzamide 24 SC @ 375 ml/ ha					
7	Assessment of Integrated management of Fruit fly in Pointed gourd	Rabi 2015-16	Low yield in pointed gourd due to high infestation of fruit fly	Assessment		Pointed gourd	8	1.0	Irrigated medium land	Foliar application of insecticides	Evaluation of IPM module	Soil application of chlorpyrifos dust around the plant twice at 25 and 40 DAG + Placement and spot application of Jaggery (100 g), dichlorvos (15 ml) & water (1 liter) poison bait + Installation of cue lure @ 20/ha	Soil application of neem cake around the plant twice at 25 and 40 DAG + Placement of carbofuran (10 g), citric acid (5 ml) and rotten banana (1 kg) poison bait + Foliar spray of neem oil @ 5 ml/ l of water twice at 15 days interval +	IIVR, 2011 & UAS, 2010	Integration of cultural, behavioral and BAT	% infested fruits , Yield , Economics	Plant Protection	

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T ₁)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T ₂	T ₃	T ₄				
8	Assessment of Integrated management of Spodoptera litura in green gram	Summer 2015	Low yield in green gram due to heavy incidence of <i>Spodoptera litura</i>	Assessment	IPM	Green gram	13	1.3	Irrigated Medium land	Foliar application of deltamethrin + triazophos, profenophos	Integrated management of <i>Spodoptera litura</i> in green gram	Installation of pheromone trap, Fixation of bird perches, Placement of Poison baits (Rice bran + Jaggery+ Dichlorvos), Need based Foliar application of Indoxacarb 14.5 SC	Installation of cue lure @ 20/ha		CCSHAU, 2013	IPM Strategy	Yield, Insect infestation	Plant Protection
9	Assessment of potato variety Kufri Surya and Kufri Chipsona-1	2015-16(Rabi)	Low yield of tuber due to non qualitative planting material	Assessment	Varietal evaluation	Potato	13	0.5	Irrigated medium land	Use of variety cv. <i>Kufri Jyoti</i>	Heat tolerant early duration variety <i>Kufri Surya, T3 : Kufri Chipsona-1</i>	Moderate resistant to late blight, Medium duration, Medium to large, white, oval, fleet eyes, creamy flesh tuber, yield potential 350-400q/ha	Canopy with white flowers and the tubers are white cream, oval with shallow eyes and white flesh. The variety is well adapted to North-Indian plains and has a maturity period of 90-110 days, resistant to late blight, average yield of 300-350 q/ha and possesses very good storability		CPCRI, Shimla (2004), (Minhas <i>et al.</i> , 2006)	Early maturing (70-80 days), High yielding (30-50t/ha), resistant to hopper burn, mite, wart and tolerant to heat , Yield potential 40 t/ha	Tuber size(g), Yield(q/ha), B:C ratio	Horticulture

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T ₁)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T ₂	T ₃	T ₄				
10	Assessment of management strategy for checking flower drop in okra	2015 (Summer)	Less retention of flower due to no use of bioregulator and micronutrient leading to low yield	Assessment	Integrated Nutrient Management	Okra	13	1.0	Irrigated – Rainfed medium Rice-vegetable cropping system	Application of N:P:K @ 80:30:30, no use of bioregulator and micronutrient	Application of bioregulator (thiourea) and micronutrient (Zn) in okra	Seed treatment with 500 ppm thiourea + foliar application of thiourea at flowering and vegetative stage and basal application of Zinc @ 5 kg ha ⁻¹ in okra along with soil test based fertilizer recommendation	NAA @ 100 ppm during flower initiation stage		RAU, Jobner (Singh <i>et al.</i> ,2012)	Checking of fruit drop, balanced fertilization, better yield	No. of fruits/plant, fruit yield (q/ha), B:C ratio	Horticulture
11	Assessment of 'Oxyflow', the oxygen enhancer for transportation of fish seed	Kharif-2015	Heavy mortality of bigger-size fish seeds due to man-made physical injury & depletion of dissolved oxygen while transportation in open containers	Assessment	Production & Management	Fish	20	20 no.	Open water containers	Continuous splashing of water by hand or by an inverted aluminum vessel to supply dissolved oxygen to fishes during transportation	Application of 'Oxyflow' (10% H ₂ O ₂) powder @ 250mg / litre enhances D.O. level in the water meant for holding fish seeds for transportation	Application of 'Oxyflow' (10% H ₂ O ₂) powder @ 250mg / litre to the water enhances the D.O. level so that it will not be depleted below than the critical level during transport		TMBRS, Mumbai (2004)	H ₂ O ₂ in solid form in water increases dissolved oxygen level	Stocking density (kg / ton of water), D.O. at loading and delivery point (ppm), Transport duration (hours), Survival rate (%)	Fishery Sc.	
12	Assessment of growth promoter	Rabi-2015-16	Low yield from carp culture due	Assessment	Production &	Fish	3	1.2	Alluvial, Canal-fed, Small to	Application of traditional	Application of Growth	Enhancing fish growth and yield		CIFE, Mumbai (2000)	The product is a growth	Growth Rate, FCR,	Fishery Sc.	

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T ₁)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T ₂	T ₃	T ₄				
	'Raa fres-AQ' in maximizing fish growth during winter		to less growth during winter		Management				Medium tanks	feed only for fish body growth	promoter for fish (Raa fres AQ @500g/1ton of feed as additive)	during winter by using Growth promoter (Raa fres AQ @500g/1ton of feed as feed additive)			promoter which enhances the fish growth through enhancing metabolism.	Yield (q/ha), B:C ratio		
13	Assessment of Ivermectin 2% w/w in controlling Argulosis	Rabi-2015-16	Low yield from carp culture due to frequent out-break of crustacean parasitic disease- 'Argulosis'	Assessment	Integrated Disease Management	Fish	5	2.0	Alluvial, Canal-fed, Small to Medium tanks	Use of inorganic pyrethroid group of pesticides, which depletes zooplankton population and is a limiting factor for carp-cum-FW prawn culture system	Incorporation of 'Paracure I.V. '(Ivermectin 2% w/w) with fish feed @ 250 ppm & fed to the fishes for controlling Argulosis	Application of 'Paracure I.V. '(Ivermectin 2% w/w) @ 250g/1 ton of traditional fish feed and fed to fishes 3-5% of body wt. daily for 4 days to control Argulosis			CIFA-2012	Ivermectin repels Argulus from settling over the body surface of fish	Disease incidence (%), Yield (q/ha), B:C ratio	Fishery Sc.
14	Assessment of Grain pro Super bag for storage of rice & green gram		Loss of grain & seeds due to improper storage	Assessment	Post harvest management	Paddy-Green gram	10	10 no.	Homestead	Use of gunny bags for storage	Grain pro Super bag for storage	Storage of paddy seeds & grains in Super bags	Storage of greengram seeds & grains in super bags		IRRI, 2011	Hermetic storage of seeds/grains, No loss of viability and germinability, No pest infestation	Pest incidence, germination %, Economics	Home Sc
15	Assessment of low cost technology of drying of oyster mushroom (Pleurotus ostreatus)	Rabi-2014-15	Direct selling and no value addition to mushroom. After harvest, changes like browning, loss of moisture and texture	Assessment	Value addition	Mushroom	13	13 no	Homestead	Sun drying	Low cost sun drying of mushroom with three different treatments	Plucking at early stage, Cleaning, sorting & grading of mushroom, Blanching method with sun-drying.	Plucking at early stage, Cleaning, sorting & grading of mushroom. Chemical method (0.06gms/kg		Sunita Kumari Kamal and Rajiv Kumar.2014, Indian Res. Ext. Edu. Jan. 2014	Oyster Mushroom (<i>Pleurotus ostreatus</i> .)	Shelf life(days), Incremental economy(Rs), B.C. ratio.	Home Sc

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T ₁)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T ₂	T ₃	T ₄				
			occur. Causes several gastrointestinal discomfort. Thus, Low price from raw mushroom										potassium meta bi-sulphide and 10gms/kg citric acid with sun dry. Dried under sunlight at 38-40oc and relative humidity 78-80 percent in three consecutive days.					
16	Assessment of different poultry breeds for backyard rearing	Rabi-2015-16	Low profitability from local breeds	Assessment	Income generation	Poultry	13	13 no	Backyard	Poultry breed hansli	Back yard improved poultry breeds	Red carnish	Black plymouth		CARI,	Coloured bird can reach 2 kg in 7 weeks, Suitable for dual purpose	Body wt., Economics	Home Sc
17	Assessment of Nutrient Management strategy in Hybrid Rice	Kharif 2014 & Kharif 2015	Poor nutrient management in hybrid rice cultivation in Rice-Mustard system	Assessment	INM	Paddy	7		Irrigated medium land rice based cropping system	Application of imbalanced NPK application @90:40:40 Kg NPK/ha	Integrated Nutrient Management	NPK @ 100-50-50 kg/ha+ Zn @5 kg/ha+ B @ 1kg/ha	NPK @ 120-60-60 kg/ha + Zn @5 kg/ha+ B @ 1kg/ha		CRRI, 2010, RRTTS, Bhubaneswar	Balanced dose of fertilizer, adequate amount of fertilizer 50% N, Full P,K, Zn and B as full basal and rest 50% N in two equal splits at tillering & PI stage.	No.of EBT/hill, grain yield, and Economics,	Common OFT
18	Assessment of Resource Conservation Technology in mustard in Rice-Mustard	Rabi, 2015-16	High cost of ploughing, loss of residual soil moisture, broadcast sowing	Assessment	INM	Rice-Mustard	7		Irrigated medium land in rice-mustard cropping sequence	Conventional tillage with broadcast sowing of mustard	Resource conservation technology in mustard in Rice-Mustard	One primary tillage with line sowing by zero till seed cum fertilizer drill	T3: Zero till planting by zero till seed cum fertilizer drill		CAET, 2012	Zero till or minimum till planting, Low cost of cultivation, line planting,	Plant density (no. of plants/m ²), yield attributes, yield (q/ha), oil content, B:C ratio	Common OFT

Sl. No	Title	Season & Year	Problem diagnose	Category	Thematic area	Crop/Enterprise	No. Trials	Area (ha)	Farming situation	Farmers Practices (T1)	Name of Technology	Details of technology selected for assessment			Source of technology	Characteristic of varieties	Performance indicator/parameter	Discipline
												T2	T3	T4				
	cropping system										cropping system					high net return		
19	Assessment of Pond based IFS model for marginal farmers	Round the year (5years)	Under utilized pond, Low family income and poor nutritional supplements to the farm family	Assessment	Integrated Farming System	IFS	7		Under/Unutilized backyard ponds	Under utilized backyard pond (10 units)	Pond based IFS model	NileTilapia culture (10 cent pond)+ ducks (20)+paddy cultivation (60 cents)+ banana (40)+ Papaya (40)+ leafy veg.(2 cents) + mushroom (60 beds /month) + vermicompost (1.5 m ³)+ dairy (country cow-1).	Nile Tilapia culture (10 cent pond)+ ducks (20)+paddy (60 cents)+ Banana (40)+ papaya(40)+ leafy veg.(2 cent)+vermi compost (1.5m ³)+poultry (20)+ dairy (country cow-1)			Resource use and recycling, Round the year regular income, employment generation, nutritional security	Analysis of the system (External, internal input use and resource use efficiency, Economics of different components, additional employment generation	Common OFT

Sl. No	Title	Season and year	Area (ha)	Name of Variety	No of Demo	Problem	FP	Technology demonstrated	Details of the Technology	Source of Technology (Year)	Village	Performance	Discipline
1	Demonstration of flood tolerant rice variety Swarna Sub 1	Kharif 2015	2.00	Swarna Sub 1	10	Crop loss due to prolonged submergence in low lying areas and unavailability of suitable tolerant variety.	Cultivation of rice variety Swarna	Variety with ICM	Flood tolerant variety Swarna Sub 1 with recommended fertiliser management (80:40:40 Kg NPK/ ha) and need based plant protection measures	CRRI, 2009	Barunei	No. of EBT/hill, No. of filled grains/panicle, 1000 seed weight, grain yield, B:C ratio	Crop Production
2	Demonstration on K and Zn management for control of Iron toxicity in rice	Kharif 2015	2.00	Swarna	10	Crop damage due to Fe toxicity	No specific management practices for Fe toxicity	K and Zn management for Fe toxicity	Application of 25 kg ZnSO ₄ /ha and top dressing of MOP @30kg/ha after drainage of water	CRRI, 2009	Aruha, Basudevpur	Fe toxicity rating, No. of effective tillers/hill, grain yield, B:C ratio	Soil Science
3	Demonstration of Brown manuring in Direct Seeded Rice	Kharif 2015	2.00	Swarna	10	Poor nutrient management in direct seeded rice	Conventional DSR practices without dhaincha manuring	Brown manuring in rice	Co-culture of rice and <i>Sesbania aculeata</i> , knocking down of at 30 DAS by 2,4 D-ester salt @0.5kg a.i./ha	CRRI, 2009	Ganijang (Bonth), Barunei (Tihidi)	Weed counts (35 DAS), Grain yield, Economics	Soil Science
4	Demonstration of combined nutrient spray in Ground nut	Rabi, 2015-16	1.04	TMV-2	10	Low yield due to poor pod filling in ground nut	T1:Imbalance fertilizer management(9:23:0::NPK)	Combined nutrient spray in groundnut	T2:Recommended dose of fertilizer(20:40:40), combined nutrient spray (soaking 2.5 kg DAP, 1 kg Ammonium sulphate & 0.5 kg borax in 37 lit of water over night - Filtration make up the volume to 500 lit., mixing of 125 ml planofix) at 25 & 35 days after sowing.	TNAU (2004)	Naguan, Kumaria	Yield (q/ha), B:C ratio	Soil Science
5	Demonstration on of Partial wilt management in brinjal	Rabi 2015-16	1.00	Tarini	10	Low yield and poor plant stand in brinjal due to partial wilt caused by <i>Verticillium sp</i>	Foliar application of carbendazim+mancozeb	Seedling treatment and application of new generation fungicides	Seed and seedling treatment with carboxin + thiram, alternate application of flusilazole 40 EC @ 0.3 ml/l of water and Azoxystrobin 23.5 % SC @ 0.5 ml/l of water	IIVR, 2011	Palli	Yield, Wilt incidence, Economics	Plant Protection
6	Integrated management of yellow stem borer in summer rice	Summer, 2016	2.00	Lalat	10	Low yield in summer rice due to heavy incidence of yellow stem borer	Application of monocrotophos, chloropyrifos	Integrated pest management	Nursery treatment with carbofuran 3 G, Application of rynaxypyr 0.4 G @ 10 kg/ha. Installation of pheromone traps, Need based application of fipronil 5 SC based on ETL	UAS, Dharwad, 2011, CRRI-2013	Kshirasahi	% DH, % WEH, yield and economics	Plant Protection

Sl. No	Title	Season and year	Area (ha)	Name of Variety	No of Demo	Problem	FP	Technology demonstrated	Details of the Technology	Source of Technology (Year)	Village	Performance	Discipline
7	Demonstration on Onion var. Bhima Super in late kharif	Late kharif, 2015	0.4	Bhima Super	10	Low production of onion due to no acreage of onion in rainy season	No cultivation of kharif variety of onion	Late kharif variety of onion cv. Bhima Super	Single centered , high yielding late kharif variety	Directorate of Onion & Garlic Research, Pune, 2007	Rajualibindha, Miriga	Yield(q/ha), B:C ratio	Horticulture
8	Demonstration on pointed gourd cv. Swarna Alaukik	Rabi, 2015	0.2	Swarna Alaukik	10	Poor fruit setting & low yield from local variety	Use of non descript variety like Kanthi local	High yielding pointed gourd cv. Swarna Alaukik + Ethrel application @ 200 ppm at pre flowering stage	High yielding variety Swarna Alaukik	CHES, Bhubaneswar, 2004	Rajualibindha, Miriga	Yield(q/ha), B:C ratio	Horticulture
9	Demonstration wilt tolerant Brinjal cv. Swarna Shyamali	Rabi, 2014	0.4	Swarna Shyamali	10	Low yield of fruit due to high incidence of wilt	Green star	Wilt tolerant brinjal cv. Swarna Shyamali	Medium size fruit, high yielding, tolerant to wilt	ICAR-Research Complex for Eastern region, Ranchi	Miriga, Rajualibindha	Wilt(%), Yield(q/ha)	Horticulture
10	Demonstration on tissue culture banana Bantala	Rabi, 2015	1.0	Bantala	10	Less bunch yield, not uniform bunching	Use of sucker of variety Bantala	Tissue culture banana with culinary purpose	More bunch weight, Uniform bunching	OUAT, 2008	Miriga, Rajualibindha	Finger size(cm), Bunch wt.(Kg)	Horticulture
11	Demonstration on intercropping of Java Puntii in three species IMC culture	Kharif, 2015	1.0	Java Puntii (<i>Puntius gonionotus</i>) & IMCs	5	The production potential from traditional 3-species IMC culture alone is less	Three species IMC culture only	Intercropping of Java Puntii in three species IMC culture	3-species IMC composite pisciculture with intercropping of Java Puntii @ Catla: Puntii:Rohu:Mrigal::2:2:4:2	CIFA (2010)	Kshirasahi, Gopali and Baralapokhari	Yield (q/ha), culture period for Puntii, ABW of Puntii during harvesting	Fishery Sc.
12	Demonstration on 'Jayanti rohu' (CIFA-IR) in 3-species IMC culture	Kharif, 2015	2.00	IMCs	5	Low yield from 3-species IMC culture by using traditional rohu	Stocking of grow-out ponds with catla: traditional rohu: mrigal fingerlings :: 3000:4000:3000 nos. per ha. respectively	Introduction of genetically improved 'Jayanti rohu' in lieu of traditional rohu increases fish yield from 3-species IMC culture	Stocking of grow-out ponds with catla: Jayanti rohu: mrigal fingerlings :: 3000:4000:3000 nos. per ha. respectively	CIFA (2006)	Gobindabindha, Balimunda, Pirahat	Yield (q/ha), B:C ratio	Fishery Sc.
13	Demonstration on CaO ₂ in mitigating low	Kharif, 2015	4.00	IMCs	10	Low dissolved oxygen condition causes environmental stress on fish, lessens feed	Manual splashing of water by using bamboo poles /	Calcium peroxide (CaO ₂) powder	Application of CaO ₂ powder @ 500 g/ acre in a single dose . The CaO ₂ (500g) first should be thoroughly mixed	CIBA-2013 (Annual Report)	Case specific villages	DO before and after treatment (ppm), Yield	Fishery Sc.

Sl. No	Title	Season and year	Area (ha)	Name of Variety	No of Demo	Problem	FP	Technology demonstrated	Details of the Technology	Source of Technology (Year)	Village	Performance	Discipline
	DO condition in pisciculture tanks					intake and growth. But, in persistent conditions, mass mortality of fish may occur	swimming / mechanical recycling of water by using pumps	application in mitigating low dissolved oxygen condition in pisciculture tanks	with 10kg of dry river sand and applied uniformly over the pond surface			(q/ha), Survival(%)	
14	Demonstration on performance of farm made fish feed	Kharif, 2015	1.2	IMCs	3	Lack of knowledge on preparation of balanced feed from locally available feed ingredients	Improper feeding to the fishes with imbalance diets	Formulation of low cost balanced diet from locally available cheap feed ingredients and cost reduction of protein in a feed, thus increasing the profit margin in fish culture.	The feed is prepared from Mustard oil cake (30%), Til oil cake (30%), Rice bran (39%) and Mineral mixture (1%).	CIFA - 2009	Jamajodi	Yield (q/ha), FCR, B:C ratio	Fishery Sc.
15	Demonstration on coconut dehushker (sitting type)	Rabi 2015-16	10 nos.	Coconut	10	Drudgery & physical injuries in dehushking coconut.	-	Use of coconut dehushker (sitting) for dehushking coconut by farm women.	Use of coconut dehushker (sitting) for dehushking coconut by farm women.	CAET, 2009	Tagira, Khirasahi.	Output(Kg. hr), Pulse rate(beats/min), Energy expenditure(Kj/m), Increase in efficiency (%), Drudgery reduction (%)	Home Science
16	Demonstration on Khaki Campbell duck breed in pond/unused water bodies for income generation of Farm Women		100 nos.	Khaki Campbell duck	10	Unutilised ponds which can generate income	No duckery in small ponds	Dual purpose bird for egg and meat.	Proper brooding and medication of one day old chicks. Low cost management of duck for income generation.	CARI, 2002	Jamajodi, Sendhatira	Body wt at maturity (kg/bird); Mortality % , No. of eggs produced/year; B:C ratio	Home Science
17	Demonstration of preparation of oyster mushroom spawn with paddy grain	Rabi-2014-2015	300bottle	<i>P. sajorcaju</i>	3	Timely unavailability of wheat grain, Wheat grain is costly(Rs. 20/kg)	Use of wheat grain for oyster mushroom spawn production	Use of whole paddy grain as substrate for oyster mushroom spawn production	Use of 20kg of paddy grain as substrate for preparation of 100 nos. of bottle of oyster mushroom spawn in the laboratory	CTMRT-2011	Saidabad, Radhaballavpur & Dhmanagar	Soaking period(hrs), Boiling period (hrs), Mycellial growth(Uniform), Contamination(%)	Home Science

Sl. No	Title	Season and year	Area (ha)	Name of Variety	No of Demo	Problem	FP	Technology demonstrated	Details of the Technology	Source of Technology (Year)	Village	Performance	Discipline
18	Demonstration of Grain pro Super bag for storage of rice & green gram	Kharif & Rabi-2015-16	10no.	Paddy-Green gram	10	Loss of grain & seeds due to pest infestation	Use of gunny bag for storage	Use of Grain Pro super grain bag	Grain Pro super bag for storage of pulses (Storage of 50 kg of grain or seed, drying of grains or seeds, Filling the super bag with dried seed or grain, Remove excess air. Close the opening by twisting the free plastic portion above the grain and fold it)	IRRI-2011	Khira sahi, Rjuwalibin dha, Barunei, Suanpada	Pest Infestation (%), Germination(%)	Home Science
19	Introduction of Hybrid Acacia based farm forestry	Kharif 2015	0.5	Hbrid <i>Acacia mangium</i>	5	Under utilised farm boundary and pond bunds	-	Planting of hybrid <i>Acacia mangium</i> on the farm boundaries and pond periphery with recommended crop spacing and geometry	Planting of the 90-100 days old saplings of hybrid <i>Acacia mangium</i> at 3 m X 3 m spacing with proper tending operations	OUAT, 2002	Khirasahi	Plant height, diameter	Agro-forestry
20	Inoculation and management of Rangin brood lac in rain trees	Rabi-2015	25 trees	Rangin lac	5	Unutilized rain trees are abundant in home stead and field bunds	-	Inoculation and management of rangin brood lac in rain trees	Inoculation and management of rangin brood lac in rain trees	IINRG, Ranchi, 2007	Palli	Yield (Kg/tree)	Agro-forestry
21	Demonstration on Scientific cultivation of Toria	Rabi, 2015-16	5.00	Parvati	20	Low yield due to improper management practices	Broadcasting with practices, imbalance nutrient management, Poor plant protection management	Package of practices	Zero Till planting by seed cum fertilizer drill (Fluted Roller), Seed treatment, HYV (Anuradha), INM (60:30:30; S & Foliar B application, IPM	DOR, 2009	Barunei	Yield (q/ha), Av. Siliqua/ plant, Economics, pest incidence	Soil Science, Agronomy and Plant protection
22	Demonstration on Scientific cultivation of Green gram	Summer, 2016	5.00	Local (Tola Muga)	20	Low yield due to improper management practices	Broadcasting with practices, imbalance nutrient management, Poor plant protection management	Package of practices	Line Sowing, seed treatment, INM & IPM		Mukundpur	Yield (q/unit), Av. pods/ plant, Economics, pest incidence	Soil Science, Agronomy and Plant protection

TRAINING PROGRAMME -2015-16(April 2015-March 2016)

Sl. No	Category	Training Type	Thematic area	Training Title	No. of course	Duration (Days)	Target for No. of participants	Whether Skill Trg (Yes /no)	Month	Discipline
1	FW	OFC	CRP	Line planting of direct seeded rice	2	2	60	YES	June-2014	Crop Production
2	FW	OFC	CRP	Weed Management in transplanted rice.	1	1	30		June-2014	Crop Production
3	FW	OFC	CRP	Fertilizer management and water management in transplanted rice	1	1	30		July-2014	Crop Production
4	FW	OFC	CRP	Rabi pulse cultivation method in rainfed agriculture	1	1	30		Aug-2014	Crop Production
5	FW	OFC	CRP	Scientific method of toria/mustard cultivation	1	1	30		October-2014	Crop Production
6	FW	OFC	CRP	Conservation agriculture for rabi pulses	1	2	30	YES	November-2014	Crop Production
7	FW	ONC	CRP	Scientific method of sunflower cultivation	1	1	30		November-2014	Crop Production
8	FW	OFC	SFM	Importance & method of soil testing and soil sampling	1	1	25	NO	May-15	Soil Science
9	FW	OFC	SFM	Azolla & its importance	1	1	25	YES	May-15	Soil Science
10	FW	OFC	SFM	Green manuring in paddy	1	1	25	NO	Jun-15	Soil Science
11	FW	OFC	SFM	Saline soil management	1	1	25	YES	July-15	Soil Science
12	FW	OFC	SFM	INM in Betel vine	1	1	25	NO	August-15	Soil Science
13	FW	OFC	SFM	Vermi-composting	1	1	25	NO	September-15	Soil Science
14	FW	OFC	SFM	INM in Onion	1	1	25	NO	Oct-15	Soil Science
15	FW	OFC	SFM	INM in Rabi Paddy	1	1	25	NO	Nov-15	Soil Science
16	FW	ONC	SFM	Use of biofertilizers	1	1	25	NO	February , 2016	Soil Science
17	FW	ONC	SFM	Management of iron toxicity	1	1	25	No	Mar-16	Soil Science

Sl. No	Category	Training Type	Thematic area	Training Title	No. of course	Duration (Days)	Target for No. of participants	Whether Skill Trg (Yes /no)	Month	Discipline
18	FW	OFC	IDM	Seed treatment for minimizing disease incidence	1	1	30	Yes	May-15	Plant Protection
19	FW	OFC	IPDM	Insect pest and disease management in jute	1	1	30	NO	June-15	Plant Protection
20	FW	OFC	IPDM	Insect pest and disease management in rice	1	2	30	YES	July-15	Plant Protection
21	FW	OFC	IPDM	Insect pest and disease management in coconut and banana	1	2	30	YES	August-15	Plant Protection
22	FW	OFC	IPDM	Insect pest and disease management in brinjal, tomato and chilli	1	2	30	NO	October-15	Plant Protection
23	FW	OFC	IPDM	Insect pest and disease management in cole crops	1	1	30	NO	Nov-15	Plant Protection
24	FW	OFC	IPDM	Insect pest and disease management of ground nut	1	1	30	NO	Dec-15	Plant Protection
25	FW	OFC	IPDM	Insect pest and disease management in toria	1	1	30	NO	Dec-15	Plant Protection
26	FW	OFC	IPDM	Insect pest and disease management of black gram and green gram	1	1	30	NO	February , 2016	Plant Protection
27	FW	OFC	IPDM	Insect pest and disease management in cucurbits (Cucumber, bittergourd & pointed gourd	1	2	30	YES	February , 2016	Plant Protection
28	FW	OFC	IPDM	Insect pest and disease management in summer rice	1	1	30	NO	Mar-16	Plant Protection
29	FW	OFC	HOT	Production technology of elephant foot yam and yam	1	1	30	Yes	Apr-15	Horticulture
30	FW	OFC	HOV	Selection of Horticultural crops on pond bund	1	1	30	Yes	May-15	Horticulture
31	FW	OFC	HOF	Production technology of papaya	1	1	30	No	June-15	Horticulture
32	FW	OFC	HOV	Early cauliflower cultivation for higher income	1	1	30	Yes	June-15	Horticulture
33	FW	OFC	HOV	Agro techniques of offseason onion	1	1	30	Yes	July-15	Horticulture
34	FW	OFC	HOF	Scientific nursery raising of marigold and its cultivation	1	1	30	Yes	August-15	Horticulture
35	FW	OFC	HOV	Nursery management of cole crops (cauliflower, cabbage and knolkhol)	1	1	30	Yes	September-15	Horticulture

Sl. No	Category	Training Type	Thematic area	Training Title	No. of course	Duration (Days)	Target for No. of participants	Whether Skill Trg (Yes /no)	Month	Discipline
36	FW	OFC	HOV	Production technology of potato	1	1	30	Yes	October-15	Horticulture
37	FW	OFC	HOV	Application of PGR in bitter gourd	1	1	30	Yes	Dec-15	Horticulture
38	FW	OFC	HOV	Method of hormonal application in pointed gourd	1	1	30	Yes	Jan-16	Horticulture
39	FW	OFC	HOV	Production technology of capsicum	1	1	30	Yes	February , 2016	Horticulture
40	FW	OFC	HOV	Weed management in potato and onion	1	1	30	Yes	Dec-15	Horticulture
41	FW	OFC	FIS	Pond preparation and pre-stocking management in pisciculture tanks	1	1	30		May-15	Fishery Science
42	FW	OFC	FIS	Integrated fish farming	1	1	25		June-15	Fishery Science
43	FW	OFC	FIS	Post Stocking Liming, manuring, fertilization and supplementary feeding in pisciculture tanks.	1	1	30		June-15	Fishery Science
44	FW	OFC	FIS	Eco-friendly chemicals, medicines, growth promoters and probiotics used in aquaculture	1	1	30		July-15	Fishery Science
45	FW	OFC	FIS	Repeated stocking and repeated harvesting method of pisciculture	1	2	30		July-15	Fishery Science
46	FW	OFC	FIS	Backyard ornamental Fish farming	1	1	25		September-15	Fishery Science
47	FW	OFC	FIS	Intercropping of minor and medium carps in 3-species IMC culture	1	1	30		September-15	Fishery Science
48	FW	OFC	FIS	Prophylaxis and Fish disease control in Pisciculture tanks	1	1	30		October-15	Fishery Science
49	FW	OFC	FIS	Fish-cum-duck farming in small backyard tanks	1	1	30		Nov-15	Fishery Science
50	FW	OFC	FIS	Pond water, feed and disease management in fresh water prawn culture	1	1	30		Dec-15	Fishery Science
51	FW	OFC	FIS	Protective Nile Tilapia farming in very small backyard seasonal tanks	1	1	30		Dec-15	Fishery Science
52	FW	OFC	WOE	Production technology of Paddy straw Mushroom	1	1	25	YES	June-15	Home science
53	FW	OFC	WOE	Technique of safe storage of grains.	1	1	25	YES	Jul-15	Home science

Sl. No	Category	Training Type	Thematic area	Training Title	No. of course	Duration (Days)	Target for No. of participants	Whether Skill Trg (Yes /no)	Month	Discipline
54	FW	OFC	WOE	Technique of using women friendly handy tools and implements for efficient farm & household works.	1	1	25	YES	May-15	Home science
55	FW	OFC	WOE	Techniques of low cost brooding of one day old chicks at backyard.	1	1	25	YES	October-15	Home science
56	FW	OFC	WOE	Preparation of tomato sauce, chutney and tomato pickle during peak period of harvest.	1	2	25	YES	February , 2016	Home science
57	FW	OFC	WOE	Value addition to mushroom.	1	1	25	YES	Jan-16	Home science
58	FW	OFC	WOE	Off- season paddy straw mushroom cultivation.	1	1	25	YES	Nov-15	Home science
59	FW	ONC	WOE	Spawn preparation technique of mushroom.	1	5	15	YES	September-15	Home science
60	FW	OFC	AGF	Propagation technology of Mahogany trees	1	1	30	NO	May-15	Agro-forestry
61	FW	OFC	AGF	Nursery raising technology of important mangrove species	1	1	30	NO	June-15	Agro-forestry
62	FW	OFC	AGF	Propagation technology of Mahogany trees	1	1	30	NO	May-15	Agroforestry
63	FW	OFC	AGF	Nursery raising techniques of important mangrove species	1	1	30	NO	June-15	Agroforestry
64	FW	OFC	AGF	Propagation technology of Teak stumps seedlings	1	1	30	NO	July-15	Agro-forestry
65	FW	OFC	AGF	Vegetative propagation of Bamboo	1	1	30	NO	August-15	Agro-forestry
66	FW	OFC	AGF	Techniques of Acacia based farm forestry	1	1	30	NO	September-15	Agro-forestry
67	FW	OFC	AGF	Package of practices for mangium of farm forestry	1	1	30	NO	Dec-15	Agro-forestry
68	FW	OFC	AGF	Suitable forestry plants on field bund for higher income generation	1	1	30	NO	Nov-15	Agro-forestry
69	FW	OFC	AGF	Package of practices of Kusumi lac production in Flemingia semialata plants	1	1	30	No	Dec-15	Agroforestry
70	IS	ONC	SFM	Techniques to recycle farm wastes and green manuring	1	2	15	NO	Dec-15	Soil Science
71	IS	ONC	IPM	Emerging pest problems in agriculture and their management	1	1	20	NO	September-15	Plant Protection

Sl. No	Category	Training Type	Thematic area	Training Title	No. of course	Duration (Days)	Target for No. of participants	Whether Skill Trg (Yes /no)	Month	Discipline
72	IS	ONC	IPM	New Generation pesticides & their judicious use in pest management.	1	1	20		Jan-16	Plant Protection
73	IS	ONC	HOV	Weed management in vegetable crops	1	1	15	Yes	Nov-15	Horticulture
74	IS	ONC	HOV	Good Agricultural Practices in Vegetable Crops	1	1	15	Yes	Nov-15	Horticulture
75	IS	ONC	EXP	Scientific yearling culture & multiple cropping pattern of pisciculture	1	2	15		Jan-16	Fishery Science
76	IS	ONC	EXP	Brackish water white-legged shrimp (<i>Litopenaeus vannamei</i>) farming	1	2	15		February , 2016	Fishery Science
77	IS	ONC	WOE	Different types of agro- based enterprises for farm women.	2	4	50	NO	Dec-15	Home science
78	IS	ONC	WOE	Malnutrition & preparation of low cost balanced diet for children below 5 years age, Pregnant & lactating mother.	2	4	40	YES	Aug-15	Home science
79	IS	ONC	IS	Inoculation and management of rangeen brood lac in rain trees	1	1	10	NO	October-15	Agro-forestry
80	RY	ONC	SFM	Method of Vermi-composting and vermin-wash production	1	2	15	YES	Jan-16	Soil Science
81	RY	ONC	Beekeeping	Scientific beekeeping	1	4	20	YES	Jan-16	Plant Protection
82	RY	ONC	HOV	Nursery raising technique for quality vegetable seedling production	1	4	15	Yes	Nov-15	Horticulture
83	RY	ONC	RYH	Quality Seed Production (Fry , Fingerlings, Stunted Fingerlings /yearlings) of Indian Major carps	1	3	25		August-15	Fishery Science
84	RY	ONC	RYH	Year round sustainable yearlings/Stunted fingerlings production techniques	1	3	25		August-15	Fishery Science
85	RY	ONC	WOE	Preparation of dry decorative from agro-waste.	1	2	20	YES	June-15	Home science
86	RY	OFC	WOE	Production of Paddy straw mushroom under low cost poly house in winter.	1	1	25	YES	Nov-15	Home science
87	RY	OFC	WOE	Spawn preparation technique of mushroom.	1	5	20	YES	Nov-15	Home science
88	RY	ONC	AGF	Nursery raising techniques of forest and medicinal plants	1	2	20	YES	October-15	Agro-forestry

