

ACTION PLAN

2013-14



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ORISSA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
SUNDARGARH-II
ROURKELA

Contents

Sl. No.	Particular	Page No
1	Summary of Action Plan during 1 st April 2013 to 31 st March 2014	5
2	General Information	7
3	On Farm Testing	12
4	Frontline Demonstrations	14
5	Feedback System	18
6	Training programmes	20
7	Extension Activities	25
8	Production and supply of Technological products	26
9	Activities of Soil and Water Testing Laboratory	27
10	Rainwater Harvesting System	27
11	Kisan Mobile Advisory	27
12	Details of SAC Meeting	27
13	Literature to be Developed/Published	27
14	Convergence with Agricultural Schemes	28
15	Utilization of Farmer Hostel	28
16	Utilization of Staff Quarter	28
17	Details of KVK Agro-technological Park	29
18	Farm Innovators	29
19	KVK Progressive farmer interaction	29
20	Outreach of KVK	29
21	Technology Demonstrations under TDHPP/Tribal Sub Plan/QPM	30
22	KVK Ring	30
23	Important visitors to KVK	30
24	Status of KVK Website	30
25	Status of RTI	30
26	E-Connectivity (E- Linkage Lab)	30
27	Details of Technology Week Celebrations	30
28	Interventions on Drought Mitigation	30
29	Activities Under NICRA	31
30	Activities under NAIP	32
31	Status of Revolving Funds	33
32	Awards & Recognitions	34
33	Case study / Success Story	34

34	Well labeled photographs of various activities in JPEG format	34
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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 2012-13

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2012 to 31st March 2013 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 2013 to March, 2014

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	
Rourkela	OFTs	16	210			
Rourkela	FLDs – Oilseeds (activity in ha)	00	00			
Rourkela	FLDs – Pulses (activity in ha)	00	00			
Rourkela	FLDs – Cotton (activity in ha)	00	00			
Rourkela	FLDs – Other than Oilseed and pulse crops(activity in ha)	26.0, 1000 beds, 200 birds	210			
Rourkela	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	00	00			
Rourkela	Training-Farmers and farm women	60	1500			
Rourkela	Training-Rural youths	12	180			
Rourkela	Training- Extension functionaries	10	100			
Rourkela	Extension Activities	166	6075			
Rourkela	Seed Production (Number of activity as seeds in quintal)					
Rourkela	Planting material ((Number of activity as quantity of planting material in quintal)					
Rourkela	Seedling Production (Number of activity as number of seedlings in numbers)					
Rourkela	Sapling Production (Number of activity as number of sapling in numbers)					
Rourkela	Other Bio- products (No. of quantity)					
Rourkela	Live stock products					
Rourkela	Activities of Soil and Water Testing Laboratory					
Rourkela	Rainwater Harvesting System					
Rourkela	Kisan Mobile Advisory (KVK-KMA)	50000	1000			
Rourkela	SAC Meeting (Date & no. of core/ official members)	02				
Rourkela	Literature to be Developed/Published	10				
Rourkela	Convergence programmes / Sponsored					

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	
	programmes					
Rourkela	Utilization of Farmers Hostel					
Rourkela	Utilization of Staff Quarters					
Rourkela	Details of KVK Agro-technological Park					
Rourkela	Crop Cafeteria-					
Rourkela	Farm Innovators- list of 10 farm innovators from the District					
Rourkela	Status of Revolving Funds					
Rourkela	Awards and Recognitions					
Rourkela	Case study / Success Story to be developed					
Rourkela	KVK Progressive Farmers interaction					
Rourkela	Outreach of KVK in the District (No. of blocks, no. of villages)					
Rourkela	Technology Demonstration under Tribal Sub Plan					
Rourkela	KVK Ring					
Rourkela	Important visitors to KVK					
Rourkela	Status of KVK Website					
Rourkela	Status of RTI					
Rourkela	E-connectivity					
Rourkela	Details of Technology Week Celebrations	01	500			
Rourkela	Interventions on Drought Mitigation					
Rourkela	Proposal of NAIP					
Rourkela	Proposal of NICRA					
Rourkela	Well labeled photographs					
Rourkela	Other Activities					

1. GENERAL INFORMATION

1.1. Staff Position (31.03.2013)

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)
Rourkela	Programme Coordinator	Jayanta Kumar Pati	Ag. Extension	M.Sc. (Ag.)	Ag. Extension	15,600-39,100	19,810	01.06.12	Permanent	Others
Rourkela	Subject Matter Specialist1	Bijaya Laxmi Sahu	Home Science	M.A. (Home Sc.)	Human Development	15,600-39,100	19,810	04.07.12	Permanent	Others
Rourkela	Subject Matter Specialist2	Sanjay Kumar Pradhan	Horticulture	M.Sc. (Ag.)	Pomology	15,600-39,100	17,610	01.10.09	Permanent	OBC
Rourkela	Subject Matter Specialist3	Vacant								
Rourkela	Subject Matter Specialist4	Vacant								
Rourkela	Subject Matter Specialist5	Vacant								
Rourkela	Subject Matter Specialist6	Vacant								
Rourkela	Programme Assistant	Pravat Kumar Sahoo	Soil Science	M.Sc. (Ag.)	Soil Science	9,300-34,800	9,300	27.07.12	Permanent	OBC
Rourkela	Farm Manager	Vacant								
Rourkela	Computer Programmer	Somdutta Mohanty	Computer Science	M. Tech. (IT)	Information Technology	9,300-34,800	13,580	18.09.12	Permanent	Others
Rourkela	Accountant / superintendent	Vacant								
Rourkela	Stenographer	Vacant								
Rourkela	Driver	Vacant								
Rourkela	Driver	Vacant								
Rourkela	Supporting staff	Vacant								
Rourkela	Supporting staff	Vacant								

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

The district lies in the north western portion of the State. It is bounded on the north by Jharkhand State, on the south by Jharsuguda, Sambalpur and Deogarh districts, on east and north-east by Keonjhar and Paschimi Singhbhum districts of Odisha and Jharkhand, on the west and north-west Raigarh district of Chhatisgarh. The district headquarters is located at Sundargarh.

Head quarter	Sundargarh	Population	18,30,673
Sub division	3	Male	9,35,473
Blocks	17	Female	8,95,200
Tahasils	12	SC	15,7804 (8.62%)
Municipality	4	ST	9,19,180 (50.21%)
Grama panchayat	262	General	7,53,689 (41.17%)
Villages	1,744	Total population of the farmers of the district	1,45,639
Assembly seats	7	Male in Agril.	2,37,379
Towns	9	Female in Agril.	2,02,028
Literacy Rate	65.22 %	Male in Non-Agril.	1,88,162
Longitude	83 ⁰ 32'-85 ⁰ 22'E	Female in Non-Agril.	1,12,544
Latitude	20 ⁰ 35'-22 ⁰ 32'N	Work force in Agril.	43,94,070
MSL	300 m	Work force in Non-Agril.	3,00,706
Temperature (Max)	26 ⁰ - 41 ⁰ C	Geographical Area	9,712 Sq. Kms.
Temperature (Min)	12 ⁰ - 28 ⁰ C	Area	9,71,244 ha.
Avg. Rainfall	1200 mm	Total cultivable land in the district (ha.)	3,36,050
Avg. Rainy days	60	Misc. tree crops & grooves	3,897 ha. (16.53%)
Relative Humidity	47 - 89%	Permanent pasture & other grazing area	30,349 ha. (3.12%)
Wind Velocity	2 - 7 km/hour	Cultivable waste	39,945 ha. (4.11%)
Small Farmers	50,338	Land put to non-agril. uses	49,249 ha.
Marginal Farmers	62,817	Barren & uncultivable land	41,562 ha.
Big Farmers	32,484	Current Fallow	61,109 ha.
Major rivers	Brahmani, Sankh & Koel – Tributary of Brahmani and IB- Tributary of Mahanadi	Other fallow	41,325 ha.
Major crops of the district	Paddy, black gram, green gram, arhar, horse gram, sesamum, groundnut, mustard, wheat	Forest area	1,60,583 ha.
		Net Area sown	3,13,000 ha. (32.22%)
		Irrigated land (ha.)	31,924

and maize

Rain-fed land (ha.)

3,04,126

Geographically, the district is not a compact unit and consists of widely, dissimilar tracts of expansive and fairly open country, dotted with isolated peaks, inaccessible forests, river valley and mountainous terrain. Broadly speaking it is an undulating table-land of different elevations broken up by rugged hill ranges and cut off by torrential hill streams and the river Ib and Brahmani. The general slope of the district is from north to south. There is an open well-cultivated plain country along the valley of the Ib river particularly in the south. The rest of the Sadar sub-division consists of undulating table-land about 700 ft. in average height, dotted here and there with hills and peaks rising to about 2000ft., in the western most tracts at hemgir P.S. in the north there is a gradual rise to the table-land of Chhotanagpur. The portion occupied by Bonai sub-division to the south-east has rugged forest and hills intersected by gorges and passes and having a narrow valley of the Brahmani river and its tributaries. For a short spell of time during the rainy season the rapid current of the hill-streams cut off communication. The east and west of the Brahmani valley is filled with high range of mountains, (ft.) Chheliatoka (3331 ft.) and Bichakani (2964 ft.) in the east. The last hill has acquired importance as it contains million of tonnes of iron-ore for use in Rourkela steel plant. The territory of Sundargah and Panposh sub-divisions comprising the ex-states of Ganagpur is about 700 ft. above the sea level. Bonai sub-division comprising ex-State of Bonai is about 800 ft. above the sea level. The forest of the district is of northern tropical dry deciduous type, mainly containing Sal, Assan and Kurum. The eastern half of Bonai and Rajagangapur contain better quality of vegetation. The forest area is mostly studded with rich mineral deposits, like iron ore, manganese, limestone, lead; also forest products like bamboo, timber and kendu leaf which are export-oriented. The district was a very inaccessible tract having no proper communication. The tribal people living in the area used to subsist for the most part of shifting cultivation which resulted in denudation of forest. The forest occupies an area of 3534.92 sq.kms which includes 2664.64 sq. kms. under reserved forest and 612.07 sq.kms. under protected forest. The forests are of northern tropical dry deciduous type. Sal is the dominant species. The eastern half of Bonai contains better quality of vegetation. The principal forest products are timber, kendu-leaf and bamboo besides minor products like sabai grass, lac, tassar, myrabolan, mahua, kusuma seed, resin, tamarind, gum and sal seed.

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2013 to 31.3.2014 (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)
Rourkela	Birkeria	2013-14	Lathikata	30	514	88
Rourkela	Karimati	2013-14	Nuagaon	40	661	99
Rourkela	Kansar	2012-13	Lathikata	20	1015	157
Rourkela	Goapapur	2012-13	Nuagaon	15	1258	176
Rourkela	Gutidaraha	2013-14	Lathikata	20	576	28

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

KVK Name	THRUST AREA
Rourkela	To increase yield by substituting local / degraded varieties in vegetables
Rourkela	To control disease & insect pest by integrated methods of pest control with organic articulation
Rourkela	To emphasize on cultivation of lucrative off-season vegetables
Rourkela	To emphasize on increasing the acreage of the fruit crops like mango, banana on commercial scale relating to broad based agriculture
Rourkela	Integrated insect pest management
Rourkela	Integrated disease management
Rourkela	Use of Bio-control agents & Bio-pesticides
Rourkela	Use of Botanicals
Rourkela	To harness the export potentials of the scented variety of paddy
Rourkela	Adoption of diversified cropping pattern in uplands
Rourkela	Integrated Weed Management of crops
Rourkela	Integrated Nutrient Management of crops
Rourkela	Nematode Management of vegetable crops
Rourkela	Efficient utilization of land, labour and use of high yielding varieties of seeds

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
Rourkela	Distress sale of paddy due to absence of exportable quality	PRA, Group Discussion and Response Analysis	
Rourkela	Local variety is susceptible to diseases.	PRA, Group Discussion and Response Analysis	
Rourkela	Indiscriminate use of pesticides	PRA, Group Discussion and Response Analysis	
Rourkela	Wilting in Tomato (67%-88%)	PRA, Group Discussion and Response Analysis	
Rourkela	Low yield in chilly (24 q/ha)	PRA, Group Discussion and Response Analysis	
Rourkela	Less price in on-season due to market glut in cauliflower (Rs.21,400/ha sold @ Rs.400/q)	PRA, Group Discussion and Response Analysis	
Rourkela	Low yield in cauliflower (142 q/ha)	PRA, Group Discussion and Response Analysis	
Rourkela	Low yield in brinjal (145 q/ha)	PRA, Group Discussion and Response Analysis	
Rourkela	Low yield in pointed gourd (242 q/ha)	PRA, Group Discussion and Response Analysis	
Rourkela	Low yield of paddy in upland and under monoculture cropping pattern	PRA, Group Discussion and Response Analysis	
Rourkela	Low profit from cultivation of traditional old rice varieties susceptible to pest and diseases	PRA, Group Discussion and Response Analysis	
Rourkela	Heavy weed infestation with special reference to	PRA, Group Discussion and Response Analysis	Nuagaon village

	indiscriminate use of weedicide		
Rourkela	High incidence of insect pest results in poor yield of different crops	PRA, Group Discussion and Response Analysis	
Rourkela	Low profit from imbalance fertilizer application without soil testing	PRA, Group Discussion and Response Analysis	
Rourkela	Bacterial and fungal wilt in solanaceous vegetables.	PRA, Group Discussion and Response Analysis	
Rourkela	Low profit from traditional variety of vegetable cultivation	PRA, Group Discussion and Response Analysis	
Rourkela	Non utilization of dried out reservoir/ river bed	PRA, Group Discussion and Response Analysis	
Rourkela	Wastage of paddy straw in the field.	PRA, Group Discussion and Response Analysis	
Rourkela	Decline of cattle population due to unavailability of fodder and low yield of milk from indigenous milch cow.	PRA, Group Discussion and Response Analysis	
Rourkela	Poor egg laying capacity and high mortality of indigenous poultry bird.	PRA, Group Discussion and Response Analysis	
Rourkela	No value addition of surplus farm produce	PRA, Group Discussion and Response Analysis	
Rourkela	Lack of awareness of harvesting of paddy straw for mushroom cultivation.	PRA, Group Discussion and Response Analysis	
Rourkela	Malnutrition and drudgery of the people.	PRA, Group Discussion and Response Analysis	
Rourkela	Cultivation of local maize varieties results low production	PRA, Group Discussion and Response Analysis	
Rourkela	Unavailability of FYM/ organic inputs	PRA, Group Discussion and Response Analysis	
Rourkela	Indiscriminate use of pesticides enhances cost and resulting in residue problem.	PRA, Group Discussion and Response Analysis	
Rourkela	Inadequate pre and post stocking management with improper size and species combination.	PRA, Group Discussion and Response Analysis	
Rourkela	Low yield of pulses(green gram and black gram) and oil seed(sunflower, groundnut) because of non-descript cultivars and traditional package of practices	PRA, Group Discussion and Response Analysis	
Rourkela	Improper utilization of uplands, hilly terrain and undulated land	PRA, Group Discussion and Response Analysis	
Rourkela	Lack of suitable enterprise for the farm women and low house hold income	Livelihood analysis, SHG meet, group discussion.	

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	Title of OFT	No. of trials	Results (with parameter) Yield (Qt/ha)		Net Returns (Rs./ha)		Recommendations
									Farmer practice T1	Rec. Tech T2	T1	T2	
Rourkela	Rabi 2013-14	Severe weed infestation and manual weeding is not possible due labour scarcity.	Assessment	Weed management	Crop	Rainfed, Medium Land	Assessment of Imazethapyrl-10%SL in Blackgram	13					
Rourkela	Kharif, 2013	High incidence of white grub and termite damage crop severely	Assessment	Integrated Pest Management	Crop	Rainfed, Upland	Assessment of <i>Heterorhabditis spp</i> to control white grub and termite in kharif groundnut	13					
Rourkela	Kharif, 2013	Low yield due to moisture stress in upland	Assessment	Varietal evaluation	Crop	Rainfed, Upland	Assessment of yield potential of drought tolerant short duration paddy variety Sahabhagi dhan	13					
Rourkela	Kharif, 2013	Low yield due to no use of biofertilizer	Assessment	Integrated Nutrient Management	Crop	Rainfed, Upland	Assessment of bio-fertilizer in rice under SRI method	13					
Rourkela	Kharif, 2013	Low yield of Paddy due to indiscriminant use of nutrients	Assessment	Integrated Nutrient Management	Crop	Rainfed, Upland	Assessment of Nutrient Management in hybrid paddy	13					
Rourkela	Rabi, 2013-14	Low yield of mustard due to imbalanced application of fertilizer	Assessment	Integrated Nutrient Management	Crop	Rainfed, Upland	Assessment of INM in Mustard	13					
Rourkela	Rabi, 2013-14	Small curd size	Assessment	Integrated Nutrient Management	Crop	Rainfed, Upland	Assessment of 'Boron' application in Cauliflower	13					

Rourkela	Khariif, 2013	Low income from upland crops	Assessment	Crop Management	Crop	Rainfed, Upland	Assessment of Khariif Onion Var. Agri Found Dark Red	13					
Rourkela	Khariif, 2013	High mortality due to open raising of seedling	Assessment	Integrated Crop Management	Crop	Irrigated, medium land & Sandy loam soil	Assessment of low cost poly tunnel for solanaceous vegetable seedling raising	13					
Rourkela	Rabi, 2013-14	Low yield of Papaya due imbalanced application of nutrients	Assessment	Integrated Nutrient Management	Crop	Rainfed, Upland	Assessment of Nutrient Management in Papaya	13					
Rourkela	Rabi, 2013-14	Low yield of Chilly due to use of local cultivar	Assessment	Varietal replacement	crop	Rainfed, Upland	Assessment of Chilly variety Utkal Ava	13					
Rourkela	Khariif, 2013	Low yield of turmeric due to use of local degenerated seed material	Assessment	Varietal evaluation	crop	Rainfed, Upland	Assessment of turmeric variety Roma	13					
Rourkela	Summer, 2013	Drudgery, High consumption of fuel and time consuming	Assessment	Drudgery reduction	crop	Rainfed, Upland	Assessment of Paddy Par boiling Unit for drudgery reduction of Farm women	13					
Rourkela	Rabi, 2013-14	Manual threshing is time consuming	Assessment	Drudgery reduction	crop	Rainfed, Upland	Assessment of Sunflower threshing bench to reduce drudgery of Farm women	13					
Rourkela	Rabi, 2013-14	Low acceptability and low market demand of p.sajarkaju	Assessment	Varietal replacement	Crop	Rainfed, Upland	Assessment of Oyster mushroom variety p. eous	15					
Rourkela	Late Khariif, 2013	No subsidiary income	Assessment	Income generation	Crop	Rainfed, Upland	Assessment of Gladioli in Backyard for Income Generation of Farm women	13					

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

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (up to 2012-13)

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

3.2 Details of FLDs to be implemented during 2013-14

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Enterprises	Results (q/ha)		% change	No. of farmers					
							Demonstration	Check		SC	ST	OBC	Others	Total	
Rourkela	Weed management	Paddy	Kharif 2013	Pyrazosulfuron Ethyl-10%, WP 200g/ha. Pre-emergence application within 3 DAT	2.0	High Yielding Variety									10
Rourkela	Integrated Pest Management	Paddy	Kharif, 2013	Application of Triazophos @ 2ml./ ltr. of water	2.0	Any HYV paddy									10

Rourkela	Varietal replacement	Sunflower	Rabi 2013-14	Variety, Seed treatment, Spraying of boron, fertilizer & plant protection measure, oil content 42%, average yield 15 q/ha, duration 110 days	2.0	KBSH-1												10
Rourkela	Weed management	Groundnut	Kharif 2011	Oxyfluorfen-23.5% EC, 200ml/ha., pre-emergence application within 3DAS	2.0	TMV-2/ Smruti												10
Rourkela	Varietal Replacement	Tomato	Rabi, 2013-14	Use of seeds variety Utkal Raja @ 500 gm./ ha.	2.0	Utkal Raja												10
Rourkela	Crop diversification	Capsicum	Rabi, 2013-14	California Wonder, Seed rate @ 750 gm./ ha., use of balanced nutrients with need based plant protection measures	2.0	California Wonder												10
Rourkela	Integrated Nutrient Management	Radish	Kharif, 2013	Soil test based fertilizer application, 100 kg. nitrogen, 50 kg. phosphorus, 100 kg. potash with bio-fertilizer, azotobacter and PSB @ 5 kg. each per ha. and soil application of boron of 1 kg. a.i. per ha.	2.0	Pusa Chetki												10
Rourkela	Integrated Nutrient Management	Citrus	Rabi, 2013-14	Planofix @ 1 ml. in 4.5 ltr. water at flowering stage	2.0	Kagzi lime												10

Rourkela	Integrated Disease Management	Tomato	Rabi, 2013-14	<i>Tricoderma viridae</i> (Soil & seed treatment during planting) COC @ 2 gm./ ltr. + Streptocycline @ 1gm./ 10 ltr. of water (spraying & soil drenching) carbo furan-3G @ 25 kg./ ha. (soil application after 30 days)	2.0	Utkal Kumari													10
Rourkela	Integrated Nutrient Management	Sunflower	Rabi, 2013-14	Foliar application of Boron @ 1 kg./ ha. at flowering stage	2.0	Jwalamukhi/ KBSH-1													10
Rourkela	Integrated Nutrient Management	Brinjal	Kharif, 2013	Use of nitrogen 120 kg., phosphorus 50 kg., potash 50 kg. per ha., bio-fertilizer phosphobacter, azotobacter & azospirillum @ 2.5 kg./ ha. each and recommended dose of FYM	2.0	Ranchi local													10
Rourkela	Integrated Nutrient Management	Okra	Rabi, 2013-14	Application of 100 kg. Nitrogen, 50 kg. Phosphorous, 75 kg. Potash and soil application of borax 10 kg. per ha.	2.0	S-152													10
Rourkela	Integrated Nutrient Management	Tomato	Rabi, 2013-14	Use of recommended quantity of NPK along with vermicompost 2 Qtl./ ha. with adequate plant protection measures	2.0	Utkal Kumari													10
Rourkela	Income generation	Mushroom	Rabi, 2013-14	Raising Oyster Mushroom	500 beds	<i>p. sajarkaju</i>													20
Rourkela	Income generation	Mushroom	Kharif, 2013	Bed method, use of spawn, polythene and maintaining hygienic condition	500 beds	<i>v. volvacea</i>													20

Rourkela	Income generation	Poultry	Kharif, 2013	Brooding of chicks, vaccination and health care	200 birds	Banaraja												20
Rourkela	Drudgery reduction	Okra	Kharif, 2013-14	Use of Bhindi Plucker for harvesting Bhindi	--	All varieties of Bhindi												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

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Rourkela	Paddy	Field days	02	100	
		Farmers Training	06	150	
		Media coverage			
		Training for extension functionaries	02	30	
Rourkela	Sunflower	Field days	02	50	
		Farmers Training	02	25	
		Media coverage			
		Training for extension functionaries			
Rourkela	Groundnut	Field days	01	50	
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries	01	15	
Rourkela	Tomato	Field days	2	100	
		Farmers Training	4	100	
		Media coverage	1	Mass	
		Training for extension functionaries	4	40	
Rourkela	Capsicum	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries			
Rourkela	Radish	Field days			
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries			

Rourkela	Citrus	Field days	1	30	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Rourkela	Brinjal	Field days	1	30	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Rourkela	Okra	Field days	1	30	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Rourkela	Mushroom	Field days	1	30	
		Farmers Training	6	150	
		Media coverage			
		Training for extension functionaries	1	15	

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	Rourkela					

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
Rourkela				

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Rourkela	

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	Agri. 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
Rourkela				

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

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16	17
Rourkela	FW	OFC	CRP	IWM in Paddy	3	3	25								
Rourkela	FW	OFC	CRP	INM in Paddy	2	2	25								
Rourkela	FW	OFC	CRP	IWM in Ground nut	1	1	25								
Rourkela	FW	OFC	CRP	INM in Maize	2	2	25								
Rourkela	FW	OFC	CRP	Crop diversification under Rain fed situation	1	1	25								
Rourkela	FW	OFC	CRP	Improved package & practices for Black gram cultivation	1	1	25								
Rourkela	FW	OFC	CRP	Package & practices for Sesamum cultivation	1	1	25								
Rourkela	FW	OFC	CRP	Package & practices for Wheat cultivation	1	1	25								
Rourkela	FW	OFC	CRP	Package & practices for Mustard cultivation	1	1	25								
Rourkela	FW	OFC	CRP	Package & practices for Sunflower cultivation	3	3	25								
Rourkela	RY	OFC	CRP	Seed Production in Paddy	4	4	10								
Rourkela	FW	OFC	SFM	Methods and Principles of soil sampling for soil testing	3	1	25								
Rourkela	FW	OFC	SFM	INM in Paddy	3	1	25								
Rourkela	FW	OFC	SFM	Organic waste recycling for production of Vermicompost	3	1	25								
Rourkela	FW	OFC	SFM	INM in Kharif Pulses	3	1	25								
Rourkela	FW	OFC	SFM	INM in Sugarcane	3	1	25								
Rourkela	FW	OFC	SFM	Use of micronutrients in rabi vegetables.	3	1	25								
Rourkela	FW	OFC	SFM	Use of biofertilisers in commercial crops	3	1	25								
Rourkela	FW	OFC	SFM	Use of Bio fertilizer in	3	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	17
				Greengram											
Rourkela	FW	OFC	SFM	Use of biofertiliser in vegetables	3	1	25								
Rourkela	FW	ONC	SFM	Organic Farming	9	3	15								
Rourkela	FW	ONC	SFM	Production of organic inputs in agriculture	9	3	15								
Rourkela	RY	ONC	SFM	Principles and practices for maintainance of soil health for sustainable crop production	9	3	10								
Rourkela	RY	ONC	SFM	Principles and practices of INM in commercial crops	9	3	10								
Rourkela	IS	ONC	SFM	Principles and practices of improving soil productivity	9	3	10								
Rourkela	IS	ONC	SFM	Principles and practices of use of bioferilisers in agriculture.	9	3	10								
Rourkela	FW	OFC	PLP	Disease & pest management in cucurbits	1	1	25								
Rourkela	FW	OFC	PLP	IPM in Brinjal	1	1	25								
Rourkela	FW	OFC	PLP	IPM in Paddy	4	4	25								
Rourkela	FW	OFC	PLP	Wilt management in solanaceous vegetables	1	1	25								
Rourkela	FW	OFC	PLP	Diseases & Pest management in cabbage & cauliflower	1	1	25								
Rourkela	FW	OFC	PLP	Disease & pest management in mustard	1	1	25								
Rourkela	FW	OFC	PLP	Disease & pest management in onion	1	1	25								
Rourkela	FW	OFC	PLP	Leaf curl management in chilli	2	2	25								
Rourkela	FW	OFC	PLP	Disease & pest management in cowpea	1	1	25								
Rourkela	FW	OFC	PLP	Disease & pest management in potato	1	1	25								
Rourkela	FW	OFC	PLP	Leaf curl management in tomato	1	1	25								
Rourkela	FW	OFC	PLP	Diseases & pest management in vegetables	1	1	25								
Rourkela	FW	OFC	PLP	Diseases & pest management in chilli	1	1	25								
Rourkela	RY	OFC	PLP	Vermicomposting in backyard	2	2	15								
Rourkela	RY	OFC	PLP	Bee-keeping	2	2	10								
Rourkela	IS	OFC	PLP	New trends in chemical control	1	1	10								

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	17
Rourkela	FW	OFC	HOV	Nursery raising of early cauliflower	1	1	25								
Rourkela	FW	OFC	HOV	Improved package & practices of raddish	1	1	25								
Rourkela	FW	OFC	HOV	Improved package & practices of brinjal	1	1	25								
Rourkela	FW	OFC	HOS	Improved package & practices of chilli	3	3	25								
Rourkela	FW	OFC	HOS	Improved package & practices of onion	1	1	25								
Rourkela	FW	OFC	HOV	Improved package & practices of cauliflower	1	1	25								
Rourkela	FW	OFC	HOV	Improved package & practices of cabbage	1	1	25								
Rourkela	FW	OFC	HOV	Improved package & practices of tomato	1	1	25								
Rourkela	FW	OFC	HOT	Improved package & practices of potato	2	2	25								
Rourkela	FW	OFC	HOV	Improved package & practices of cowpea	1	1	25								
Rourkela	FW	OFC	HOV	Improved package & practices of cabbage & cauliflower	1	1	25								
Rourkela	RY	OFC	HOV	Nursery management of horticultural crops	2	2	15								
Rourkela	IS	OFC	HOP	Rejuvenation of old orchards	1	1	10								
Rourkela	FW	OFC	WOE	Selection of suitable varieties for vegetable cultivation	1	1	25								
Rourkela	FW	OFC	WOE	Cultivation practice of Oyster mushroom	1	1	25								
Rourkela	FW	OFC	WOE	Techniques of vermicomposting	1	1	25								
Rourkela	FW	OFC	WOE	Goatery management	1	1	25								
Rourkela	FW	OFC	WOE	Safe storage of grain	1	1	25								
Rourkela	FW	ONC	WOE	Use of durgery reduction implements	1	1	25								
Rourkela	FW	ONC	WOE	Care and management of milch animals	1	1	25								
Rourkela	FW	ONC	WOE	Mushroom cultivation for livelihood security	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	17
Rourkela	FW	OFC	AGF	Nursery raising technology of suitable forest trees	1	1	25								
Rourkela	FW	OFC	WOE	Cultivation of paddy straw mushroom	1	1	25								
Rourkela	FW	OFC	WOE	Backyard poultry rearing	1	1	25								
Rourkela	FW	OFC	WOE	Plant protection measures for nutritional garden	1	1	25								
Rourkela	RY	OFC	WOE	Preparation of Value added products from Lemons.(Squash, pickles & sorbet).	2	2	10								
Rourkela	RY	OFC	WOE	Value added products from Tomatoes (Sause, puree & Pickles)	3	3	10								
Rourkela	IS	OFC	WOE	Household food security of Farm families.	2	2	10								
Rourkela	IS	ONC	CBD	Problem identification and programme planning through participatory practice	1	1	10								
Rourkela	IS	ONC	CBD	Use of low cost audio-visual methods	1	1	10								
Rourkela	IS	ONC	CBD	Process documentation techniques and agricultural journalism	1	1	10								
Rourkela	IS	ONC	CBD	Documentation of Success story	1	1	10								
Rourkela	RY	ONC	CBD	Formation and management of farmers club	1	1	10								
Rourkela	RY	ONC	CBD	Creation of commodity interest groups	1	1	10								

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	
Rourkela	Organic Farming	Organic aricultural products	Organic farming	3							
Rourkela	Income generation through poultry rearing	Poultry	Livestock production for income generation	3							
Rourkela	Income generation through duckery	Duckery	Livestock production for income generation	3							

Rourkela	Backyard breeding and rearing of common ornamental fishes	Enterprise	Alternative livelihood option	5						
Rourkela	Vegetable nursery management	Crop	Promotion of agro-based enterprises for rural women	2						
Rourkela	Vaccination and disease management of poultry birds	Enterprise	Promotion of agro-based enterprises for rural women	2						
Rourkela	Commercial mushroom production	Enterprise	Promotion of agro-based enterprises for rural women	3						

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	
Rourkela					

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		
Rourkela														

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		
Rourkela														

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	
Rourkela									

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			
Rourkela	Field Day	10										
Rourkela	Kisan Mela	2										
Rourkela	Kisan Ghosthi	6										
Rourkela	Exhibition	2										
Rourkela	Film Show	60										
Rourkela	Method Demonstrations	10										
Rourkela	Farmers Seminar	1										
Rourkela	Group meetings	4										
Rourkela	Lectures delivered as resource persons	30										
Rourkela	Newspaper coverage	10										
Rourkela	Radio talks	20										
Rourkela	TV talks	10										
Rourkela	Popular Articles	10										
Rourkela	Extension Literature	4										
Rourkela	Farm Advisory Services	1										
Rourkela	Scientific visit to farmers field	150										
Rourkela	Farmers Visit to KVK	360										
Rourkela	Diagnostic Visits	15										
Rourkela	Exposure Visits	2										
Rourkela	Soil Health Camp	5										
Rourkela	Animal Health Camp	4										
Rourkela	Agri Mobile Clinic	3										
Rourkela	Soil Test Campaigns	4										
Rourkela	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
Rourkela	Cereals							
Rourkela	Pulses							

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	
Rourkela	Vegetable										

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	
Rourkela	BIOAGENTS				
Rourkela	BIOFERTILIZERS				
Rourkela`	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	
Rourkela	Cattle						
Rourkela	Buffalo						
Rourkela	Sheep and Goat						
Rourkela	Fisheries						
Rourkela	Poultry						
Rourkela	Duckery						
Rourkela	Others (Specify)						

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : NO, Not established

Year of establishment :-

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
Rourkela						

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/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Rourkela										

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Rourkela	50000	1000	100	

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Rourkela	25.02.2014	30	Emphasis on Organic fertilizer production, SRI, Vermicomposting, Crop Diversification, WHS, Fodder cultivation, Greenmanuring, Mushroom cultivation, Banaraja chicks production.

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
Rourkela	01.01.2013	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
Rourkela	CD	Banaraja poultry rearing- A Successful enterprise	1

12.3 PUBLICATIONS

Category	Number	Date of start Type	Periodicity Title	Number of copies to be printed	Number of copies to be distributed
				Author's name	Number of copies
Research Paper	04				
Technical bulletins	04				
Technical reports	20				
Popular article	10	01.04.2013	Yearly	500	500
News paper coverage	10				
Year Planner	01				
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
Rourkela	ATMA	State	-	Farmer –scientist interaction, farmers fair, development of CD etc.		
Rourkela	MNREGA					
Rourkela	NHM					
Rourkela	RKVY	State		Frontline demonstrations and infrastructure development.		
Rourkela	DRDA	State		Development of demonstration units.		
Rourkela	Zila Panchyat					
Rourkela	Seed Village					
Rourkela	NAIP					
Rourkela	Climate Change					
Rourkela	Others (Plz. Specify)					

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): No Farmer Hostel

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)
Rourkela	--	--	--	--	Nil	Nil	--

15. Utilization of Staff Quarters – No Staff Quarter

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

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.	Rourkela	No	--

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Varietal evaluation of Tomato	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	Rourkela			

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
Rourkela	03	04	10	20

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	Sundargarh-II, Kirei	Training and Extension Activities	
2	Jharsuguda	Training and Extension Activities	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Rourkela			

23. Status of KVK Website: Under construction

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

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
1.	Rourkela	Nil	Nil

25. E-CONNECTIVITY (ERNET Lab) – Not Established

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
Rourkela	Gosthies			
Rourkela	Lectures organized			
Rourkela	Exhibition			
Rourkela	Film show			
Rourkela	Fair			

Rourkela	Farm Visit			
Rourkela	Diagnostic Practical's			
Rourkela	Distribution of Literature (No.)			
Rourkela	Distribution of Seed (q)			
Rourkela	Distribution of Planting materials (No.)			
Rourkela	Bio Product distribution (Kg)			
Rourkela	Bio Fertilizers (q)			
Rourkela	Distribution of fingerlings (No)			
Rourkela	Distribution of Livestock specimen (No.)			
Rourkela	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.	Rourkela			

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

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

Animal health camps to be organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings to be distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Verns Produced

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

Large scale adoption of resource conservation technologies

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

Awareness Campaign

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

28. Proposal of NICRA

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.)

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 – Two best only in the following format

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

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

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)