

CHHATTISGARH KAMDHENU VISHWAVIDYALAYA KRISHI VIGYAN KENDRA DURG



ANNUAL PROGRESS REPORT April 2015 to March 2016

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Instructions for Filling the Format

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

REPORTING PERIOD – April 2015 to March 2016

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	15	94	
	On Going OFT	-	-	
	Technologies assessed (Completed OFT)	15	98	
	Technologies refined	-	-	
	On farm trials conducted	15	98	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	8	96	
	On Going Frontline demonstrations	-	-	
	FLDs conducted on crops	6	64	
	Area under crops (ha.)	28.8	64	
	FLD on farm implement and tools	-	-	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2	20	
	FLD on Fisheries - Finger lings	-	-	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-	-	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	-	-	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	31	31	905
	Farm women	5	5	150
	Rural youth	6	6	173
	Extension personnel/ In service	6	6	140
	Vocational trainings	4	12	128
	Sponsored Training	3	8	80
	Total	55	68	1576
		No. of programmes	Participants	
4	Extension Programmes	373	Mass	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	340	Mass	
	Planting material produced (nos.)	-	-	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	-	-	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	-	-	

7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	-	-
	Trichoderma (kg.)	-	-
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	-	-
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	-
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	4	4
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	61	Mass
	KVK News letter	4	Mass
	SAC Meetings conducted	1	18
	Soil sample tested	500	500
	Water sample tested	-	-
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-
	KVK-KMA (Message and beneficiaries)	80	25450
	Convergence programmes	2	Mass
	Sponsored programmes	3	94
	KVK Progressive Farmers interaction	4	27
	No. of Technology Week Celebrations	-	-
	Attended HRD activities organized by ZPD	3	2
	Attended HRD activities organized by DES	-	-
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	4	3
9	Current status of Revolving Funds (Amt. in Rs.)	95000	
10		No. of blocks	No. of villages
	Outreach of KVK in the District	12	325
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	2	5 2
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	160
13		Application received	Application disposed
	Status of RTI (nos.)	-	-
14		Query received	Query dissolved
	Citizen Charter (nos.)	-	-
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	No	-
16		Filled	Vacant
	Staff Position	12	4
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	7	
18	Publication received from ICAR /other organization (nos.)	-	
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	-	-

GENERAL INFORMATION

1.1. Staff Position (as on date 31.03.2016)

Summary of Staff position in KVK, Durg on March, 2016

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Durg	16	1	1	6	5	3	1	6	5	16	12

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Durg	Programme Coordinator	Dr. D. Bhonsle	Vety. Sci. & AH	Ph.D.	LPM	15600-39100+7000	43730	18/09/2014	Temporary	GEN
Durg	Subject Matter Specialist1	Dr. S.K. Thapak	Plant Pathology	Ph.D.	Plant Pathology	15600-39100+5400	22950	06/09/2012	Temporary	GEN
Durg	Subject Matter Specialist2	Shri U.K. Patel	Soil Science	M.Sc. (Ag)	Soil-Science	15600-39100+5400	22950	06/09/2012	Temporary	OBC
Durg	Subject Matter Specialist3	Shri R.L. Sahu	Horticulture	M.Sc. (Ag)	Horticulture	15600-39100+5400	21000	07/09/2012	Temporary	OBC
Durg	Subject Matter Specialist4	Ku. Hemlata	Agronomy	M.Sc. (Ag.)	Agronomy	15600-39100+5400	21000	05/11/2012	Temporary	SC
Durg	Subject Matter Specialist5	Vacant	Home Science	-	-	-	-	-	-	-
Durg	Subject Matter Specialist6	Dr. R.K. Gadpayle	LPM	MVSc	LPM	8000-275-13500	12000	03/08/2015	Temporary	SC
Durg	Programme Assistant	Vacant	-	-	-	-	-	-	-	-
Durg	Farm Manager	Vacant	-	-	-	-	-	-	-	-
Durg	Computer Programmer	Smt. Soniya Khalkho	-	-	-	9300-34800+4200	14760	12/09/2012	Temporary	GEN
Durg	Accountant / superintendent	Vacant	-	-	-	-	-	-	-	-
Durg	Stenographer	Shri T.R. Sahu	-	-	-	5200-20200+2800	14520	16/09/1992	Temporary	OBC
Durg	Driver	Shri Z. Pathan	-	-	-	5200-	15850	01/09/1999	Temporary	OBC

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
						20200+2800				
Durg	Driver	Shri Govinda Sahu	-	-	-	5200-20200+1900	7580	01/04/2013	Temporary	OBC
Durg	Supporting staff	Shri B.L. Sen	-	-	-	5220-20200+1800	11090	12/08/1997	Temporary	OBC
Durg	Supporting staff	Shri L.K. Chouhan	-	-	-	4750-7440+1800	10530	03/032007	Temporary	SC

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Durg	Chhattisgarh plain	03	447	1503146	75.84		125232	1.26

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Durg	Mahamara	2014	Durg	03	2000	400
Durg	Ganiyari	2013	Durg	12	1500	210
Durg	Purai	2014	Durg	15	3000	280
Durg	Medesara	2013	Dhamdha	30	1500	200
Durg	Barhapur	2014	Dhamdha	40	900	150
Durg	Cheecha	2014	Dhamdha	27	4000	430
Durg	Arasnara	2015	Patan	32	3100	300
Durg	Basni	2015	Dhamdha	34	2000	190

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

KVK Name	THRUST AREA
Durg	Integrated Farming System
Durg	Varietal replacement in Horticulture crops
Durg	Nutrient management in Horticulture crops
Durg	Integrated Pest Management in Horticulture crops
Durg	Plant Growth Regulator in Horticulture crops
Durg	Integrated Nutrient Management
Durg	Soil Fertility
Durg	Nutrient Management
Durg	Integrated Disease Management
Durg	Fodder production
Durg	Integrated Pest Management in Live Stock
Durg	Backyard Poultry

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Durg	Imbalance use of fertilizer	Field visit, discussion & meeting	Basni (Dhamdha)
Durg	No use of sulphur fertilizer	Field visit, discussion & meeting	Barhapur (Dhamdha)
Durg	Lower yield due to poor pollination	Field visit & discussion & meeting	Ganiyari, Purai, (Durg) Cheecha (Dhamdha)
Durg	Low yield due to local variety & disease infestation	Field visit & discussion & meeting	Ganiyari, Purai, (Durg) Cheecha (Dhamdha)
Durg	Poor -germination, less yield & severe attack of YVMV	Field visit & discussion & meeting	Ganiyari, Purai, (Durg) Cheecha (Dhamdha)
Durg	Flower drop in cucurbits due to poor	Field visit & discussion & meeting	Ganiyari, Purai, (Durg)

	pollination and adverse climatic condition		Cheecha (Dhamdha)
Durg	No use of organic manure & imbalance use of Chemical fertilizer	Field visit, discussion & meeting	Barhapur (Dhamdha)
Durg	No use of micro nutrients in crop growth stage	Field visit, discussion & meeting	Basni (Dhamdha)
Durg	Heavy loss of crop due to on sheath blight disease of paddy	Field visit & discussion & meeting	Mahamara (Durg)
Durg	Heavy loss of crop due to on paddy stem borer	Field visit & discussion & meeting	Mahamara (Durg)
Durg	Heavy loss of crop due to early blight of Tomato	Field visit & discussion & meeting	Mahamara (Durg)
Durg	Poor availability of green fodder	Field visit & discussion & meeting	Arasnara (Patan)
Durg	Drug resistance in ecto-parasite	Field visit & discussion & meeting	Kachandur (Durg)
Durg	Lack of knowledge about management of backyard poultry	Field visit & discussion & meeting	Bodegaon (Durg)
Durg	Lack of knowledge about Kadaknath breed of chicken & Azolla feeding in backyard poultry	Field visit & discussion & meeting	Bodegaon (Durg)

2. On Farm Testing

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.

*Don't press enter key to navigate among column use arrow or tab key

*don't add space before or after statement within the table cell

2.1 Information about OFT

KV K nam e	Yea r	Seaso n	Problem diagnose	Title of OFT	Category of technolog y (Assessm ent/ Refineme nt)	Thematic Area	Crop/ enterpris e	Farming Situation s	No. of trial s	Results (q/ha)			Net Returns (Rs./ha)			Recommendatio ns
										FP (T ₁)	RP (T ₂)	T3	FP (T ₁)	RP (T ₂)	T3	
Durg	2015	Kharif,	Lower yield due to poor pollination	Assessment of foliar application of Boron to increase the productivity of Bottle gourd	Assessment	Nutrient Manageme nt	Bottle gourd	Midland	04	140	162	-	8400 0	10230 0	-	Foliar application of Boron in the form of boric acid and 1% urea in three stage 25, 40 DAS and up to flowering to increase the productivity of Bottle gourd
Durg	2015	Kharif,	Yield loss due to severe infestation of diseases	Assessment of multi disease resistance variety Arka rakshak of Tomato	Assessment	Varietal replacemen t	Tomato	Midland	04	321	366		8240 0	10040 0		Use of multi disease resistance (LCV, BW, EB) variety Arka rakshak of Tomato
Durg	2015	Kharif,	Low oil and quality of seeds	Assessment of sulphur on yield of soybean crop	Assessment	Nutrient Manageme nt	Soybean	Upland	04	10	12		6000	13000		Application of Bentonitde-S in Soybean @ 20- 25kg/ha increase yield
Durg	2015	Kharif,	Imbalance	Assessment	Assessment	Nutrient	Rice	Lowland	04	30	35		9800	16600		Cost of

			use of fertilizer	of Yield in Rice crop applied in STCR based fertilizer (targeted yield - 40q/ha)		Managem nt										cultivation reduce when applied STCR based fertilizer
Durg	2015	Khariif,	Losses of rice yield due to sheath blight observed	Assessment of bio-control agents & panchgavya on rice sheath blight disease of paddy and yield parameters	Assessment	Integrated Disease Managem nt	Rice	Lowland	04	27.0	35.9	32.2 2	1476 3	22718	1843 0	Furrow application of Trichoderma followed by foliar application Pseudomonas @ 0.4% reduce disease incidence & increase yield
Durg	2015	Khariif,	Crop loss due stem borer	Assessment of IPM mode for management of stem borer in paddy	Assessment	Integrated Pest Managem nt	Rice	Lowland	04	28.6	33.0	-	1675 6	20180	-	IPM module gave good result against stem borer of paddy.
Durg	2015	Khariif,	Poor availability of green fodder	Assessment of yield of green fodder in African tall variety of maize	Assessment	Green fodder cultivation	Maize	Midland	04	450	550		5600 0	71500		Use of African tall variety gives good returns (15500 Rs /Ha)
Durg	2015-16	Rabi	Severe attack of white fly and incidence of YVMV	Assessment of sticky trap in control of white fly for management of YVMV in Okra	Assessment	Pest Managem nt	Okra	Upland	04	76.4	96.2	-	7660 0	10430 0	-	Use of 22 sticky trap/ ha in control of white fly for management of YVMV in Okra
Durg	2015-16	Rabi	Flower drop due to poor pollination and adverse climatic condition	Assessment of Ethrel (PGR) against flower drop in cucurbits	Assessment	Plant Growth Regulator	Cucurbits	Midland	04	141. 8	183. 8	-	8962 0	12592 0	-	Application of Ethrel (PGR) as foliar spray 200 PPM at 2 to 4 leaf stage of crop against flower drop in cucurbits

Durg	2015-16	Rabi	No use of Bio-fertilizer & micro nutrients	Assessment of Rhizobium & Mo inoculation in yield of chickpea	Assessment	Integrated Nutrient Management	Chick pea	Upland	04	12.5	15.0		12500	22500	-	Molybdenum @ 1.5 gram & Rhizobium 5 gm/kg of seed increase seed quality & yield
Durg	2015-16	Rabi	No use of bio fertilizer	Assessment of liquid bio-fertilizer on yield of Chick pea	Assessment	Integrated Nutrient Management	Wheat	Lowland	04	12.0	15.0		12000	24000	-	Liquid bio-fertilizer enhance the growth of plat & also increase yield
Durg	2015-16	Rabi	Heavy loss of crop due to early blight of Tomato	Assessment of fungicide for control of early blight of tomato	Assessment	Integrated Disease Management	Tomato	Midland	04	330	365	-	59000	67500	-	Copper based fungicide gave good result against early blight of tomato
Durg	2015-16	All	Drug resistance in ecto-parasite	Assessment of efficacy of different Acaricidal drugs for control of ecto-parasites	Assessment	Pest Management in Live stock	Acaricidal drugs	Goat farm	30	45 %	21.6 %		-	-	-	By using bio pesticide made of cow urine and neem the infestation reduced to 23.4%
Durg	2015-16	All	Lack of knowledge about management of backyard poultry	Assessment of production potential of Vanaraja and Grampriya Chicken varieties	Assessment	Backyard poultry	Chicken	backyard	10	0.7 Kg	1.5 Kg		175/- Rs	225/- Rs	-	In two months profit is Rs 50/- per bird
Durg	2015-16	All	Lack of knowledge about Kadaknath breed of chicken & Azolla feeding in backyard poultry	Effect of Azolla feeding on Kadaknath breed of chicken	Assessment	Conservation of Indigenous Chicken breed & low cost technology in poultry feeding	Chicken	-	10	800 gm	1 Kg		480/- Rs	600/-	-	In two months profit is Rs 120/- per bird

2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Durg	Assessment of foliar application of Boron to increase the productivity of Bottle gourd	Yield q/ha.	140	162	42000	43500	-	126000	145800	-	84000	102300	-	3.0	3.35	-
Durg	Assessment of multi disease resistance variety Arka rakshak of Tomato	Yield q/ha.	321	366	42000	46000	-	124400	146400	-	82400	100400	-	2.96	3.1	-
Durg	Assessment of sulphur on yield of soybean crop	Yield q/ha.	10	12	29000	29000	-	35000	42000	-	6000	13000	-	1.2	1.4	-
Durg	Assessment of Yield in Rice crop applied in STCR based fertilizer (targeted yield - 40q/ha)	Yield q/ha.	30	35	31000	31000	-	40800	47600	-	9800	16600	-	1.31	1.53	-
Durg	Assessment of bio-control agents & panchgavya on rice sheath blight disease of	Yield q/ha.	27.0	35.9	25000	28000	27000	38070	50619	45430	14763	22718	18430	1.52	1.81	1.62

	paddy and yield parameters															
Durg	Assessment of IPM model for management of stem borer in paddy	Yield q/ha.	28.6	33.0	25000	28000	-	41756	48180	-	16756	20180	-	1.67	1.72	-
Durg	Assessment of yield of green fodder in African tall variety of maize	Yield q/ha.	450	550	25000	27500	-	56000	71500		31000	44000	-	2.24	2.6	-
Durg	Assessment of sticky trap in control of white fly for management of YVMV in Okra	Yield q/ha.	76.4	96.2	38000	40000	-	114600	144300	-	76600	104300	-	3.0	3.6	-
Durg	Assessment of Ethrel (PGR) against flower drop in cucurbits	Yield q/ha.	141.8	183.8	38000	39500	-	127620	165420	-	89620	125920	-	2.35	3.18	-
Durg	Assessment of Rhizobium & Mo inoculation in yield of chickpea	Yield q/ha.	12.5	15	37500	37500	-	50000	60000	-	12500	22500	-	1.33	1.6	-
Durg	Assessment of liquid bio-fertilizer on yield of Chick pea	Yield q/ha.	12	15	36000	36000	-	48000	60000	-	12000	24000	-	1.33	1.6	-
Durg	Assessment of fungicide for control of early	Yield q/ha.	330	365	40000	42000	-	99000	109500	-	59000	67500	-	2.47	2.60	-

	blight of tomato																
Durg	Assessment of efficacy of different Acaricidal drugs for control of ecto-parasites	% Disease infestation	45 %	21.6 %	-	-	-	-	-	-	-	-	-	--	-	23.4% decrease	
Durg	Assessment of production potential of Vanaraja and Grampriya Chicken varieties	Live weight at 2 months (Kg/bird)	0.7	1.5	60	60		175/-	225/-	-	-	-	-	115	165	In two months profit is Rs 50/- per bird	
Durg	Effect of Azolla feeding on Kadaknath breed of chicken	Live weight at 2 months (Kg/bird)	0.8	1.0	60	60		480/-	600/-	-	-	-	-	420	540	In two months profit is Rs 120/- per bird	

2.3 Information about Home Science OFT:

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

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Durg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Durg	Research on diversified crops in monoculture cropped areas.
Durg	Research on high yielding varieties in place of local variety.
Durg	Research on development of IPM in vegetable crops
Durg	Research on Integrated Nutrient management on Vegetable Crops.
Durg	Research on Effective application of Liquid fertilizer & biofertilizer in crops
Durg	Research on Effective application of Micronutrients in crops
Durg	Development of new Bio pesticide for controlling the animal ectoparasite.
Durg	Research on effect of Azolla feeding on meat quality and characteristics of poultry.
Durg	Research & development on high yielding resistant variety of paddy against Sheath blight & stem borer. About 50-60% crop is affected by above pest, which causes heavy yield loss.

3. Achievements of Frontline Demonstrations

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Durg	Paddy	Productivity enhancement	Direct seeding	Trainings, demonstration and other extension activities	5	400	250
Durg	Tomato	Nursery Raising Technique	Polytunnel techniques	Trainings, demonstration and other extension activities	3	250	20
Durg	Bio-fertilizer	Integrated Nutrient Management	Integrated Nutrient Management	Trainings, demonstration and other extension activities	1	300	100
Durg	Fungicide & Insecticide	Integrated Pest Management	IPM tools for managing major insects and diseases of Paddy	Trainings, demonstration and other extension activities	5	500	300
Durg	Grass pea	Productivity enhancement	Sowing by seed drill	Trainings, demonstration and other extension activities	3	280	250
Durg	Cabbage/Insecticide	Integrated Pest Management	Use Cartap hydrochloride to control diamond back moth in cabbage	Trainings, demonstration and other extension activities	3	285	95
Durg	Bio-fertilizer	Integrated Nutrient Management	40:60:40 NPK/ha+ (Azotobacter+ PSB Culture)	Trainings, demonstration and other extension activities	2	500	300
Durg	Grass pea	Integrated Disease Management	Demonstration of disease resistant variety against Powdery mildew	Trainings, demonstration and other extension activities	7	600	250
Durg	Maize	Green fodder cultivation	fodder cultivation	Trainings, demonstration and other extension activities	3	200	50
Durg	Berseem	Green fodder cultivation	fodder cultivation	Trainings, demonstration and other extension activities	3	200	50

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and Standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice, brinjal in place of egg plant etc.

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*don't add space before or after statement within the table cell

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Enterprises	Crop- Area (ha) / Enterprise No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Durg	2015	Kharif	Integrated Pest Management	Larvin to control fruit & shoot borer in brinjal	Brinjal	Larvin	4.8	187	230	22.99	-		08	-	08
Durg	2015	Kharif	Integrated Nutrient Management	Integrated nutrient management	Bio-fertilizer	Rajeshwary	4.8	28	30	7.14	-	1	10	1	12
Durg	2015	Kharif	Integrated Disease Management	Disease management by fungicide & bio-agent	Fungicide/bio-agent	Saff super/Pseudomonas	4.8	34.89	39.72	13.84	-	2	10	-	12
Durg	2015-16	Rabi	Integrated Pest Management	Inter cropping of mustard as gourd crop in cabbage	Cabbage	VNR Hybrid	4.8	187.2	221.6	18.37	-		08	-	08
Durg	2015-16	Rabi	Integrated Nutrient Management	Azotobacter +PSB culture	Wheat	GW-366	4.8	21	24	14.28	-	2	10	-	12
Durg	2015-16	Rabi	Integrated Disease Management	Bio-agent	Chickpea	JAKI-9218	4.8	10.5	11.9	13.33	-	1	10	1	12
Durg	2015-16	Rabi	Fodder Production	Fodder Cultivation	Maize	African Tall	4.8	450	550	22.22	-	-	10	-	10
Durg	2015-16	Rabi	Fodder Production	Fodder cultivation	Berseem	JB1	4.8	760	900	18.42	-	-	10	-	10

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Durg	Insect management by larvin (Pesticides) for control of fruit & shoot borer in brinjal	Brinjal	Yield q/ha	187	230	43000	45000	112200	138000	69200	93000	2.60	3.06
Durg	Integrated nutrient management	Rice	Yield q/ha	28	30	30000	30000	38080	80400	8080	10800	1.26	1.36
Durg	Disease management by fungicide & bio-agent	Fungicide/bio-agent	Yield q/ha.	34.89	39.72	27000	28000	49194.9	56005.2	22194.9	28005.2	1.82	2.0
Durg	Use of mustard as gourd crop to control DBM (Diamond back moth) in cabbage	Cabbage	Yield q/ha	187.2	221.6	40500	41000	131040	155120	90540	114120	2.23	2.78
Durg	Nutrient management	Wheat	Yield q/ha.	21	24	29000	29000	35700	40800	6700	11800	1.23	1.40
Durg	Bio-agent	Chickpea	Yield q/ha.	10.5	11.9	30000	32000	47250	53550	17250	21550	1.57	1.67
Durg	Fodder Cultivation	Maize	Yield q/ha.	450	550	25000	27500	56000	71500	31000	44000	2.24	2.6
Durg	Fodder Cultivation	Berseem	Yield q/ha.	760	900	67500	75000	152000	180000	84500	105000	2.25	2.4

3.4 Information about Home Science FLDs

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

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Durg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Durg	Paddy, Wheat, Chick pea, Vegetable, Fodder	Field days	10	250	-
	Paddy, Wheat, Chick pea, Grass pea, Vegetable, Nutrition garden,	Farmers Training	15	350	-
	Paddy, Wheat, Chick pea, Vegetable	Media coverage	05	Mass	-
	Paddy, Soybean, Wheat, Chick pea, Vegetable	Training for extension functionaries	09	230	-

3.7 Details of FLD on crop hybrids.

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

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
Durg	Foliar application of Boron to increase the productivity of Bottle gourd	foliar application of Boron	Increase in production	Farmers agreed to adopt this technology
Durg	Multi disease resistance variety Arka rakshak of Tomato	Arka rakshak	Reduce disease severity & Increase in production	Farmers agreed to adopt this technology
Durg	Use of Etherel in cucurbitaceous vegetable	Etherel hormones	Increase in production	Farmers agreed to adopt this technology
Durg	Sticky trap in control of white fly for management of YVMV in Okra	Sticky trap	Increase in production	Farmers agreed to adopt this technology
Durg	Balanced use of for increase in yield	STCR based fertilizer applied	Increase in yield	Farmers agreed to adopt this technology
Durg	Integrated nutrient management	Use of biofertilizer	Increase in yield	Farmers agreed to adopt this technology
Durg	Soil application of Trichoderma followed by spray of Pseudomonas @ 0.4% at booting stage.	Disease control by Bio-agent	Reduce disease severity & increase yield	Farmers agreed to adopt this technology

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Durg	Research on diversified crops in monoculture cropped areas.
Durg	Research on high yielding varieties in place of local variety.
Durg	Research on development of IPM in vegetable crops

Durg	Research on Integrated Nutrient management on Vegetable Crops.
Durg	Research on Effective application of Liquid fertilizer & biofertilizer in crops
Durg	Research on Effective application of Micronutrients in crops
Durg	Development of new Bio pesticide for controlling the animal ectoparasite.
Durg	Research on effect of Azolla feeding on meat quality and characteristics of poultry.
Durg	Research & development on high yielding resistant variety of paddy against Sheath blight & stem borer. About 50-60% crop is affected by above pest, which causes heavy yield loss.

4. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Durg	Farmer training	Group discussion and meeting	19/05/15	34
Durg	Farmer training	Group discussion and meeting	04/06/15	36
Durg	Farmer training	Group discussion and meeting	27/07/15	45
Durg	Farmer training	Group discussion and meeting	24/12/15	26
Durg	Farmer training	Group discussion and meeting	04/01/16	56

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	© Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment

AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Durg	FW	ONC	SFM	Soil testing and its utility of crop production	01	01	17	-	05	02	01	02	03	-
Durg	FW	ONC	SFM	Nutrient management in soybean crop	01	01	04	-	05	01	03	-	12	02
Durg	FW	ONC	SFM	Application of compost in organic cultivation	01	01	15	05	03	01	05	01	07	08
Durg	FW	ONC	SFM	Method of Organic manure	01	01	10	-	9	06	8	05	15	05
Durg	FW	ONC	SFM	Method and preparation of Vermi composting and its application of crop production	01	01	02	-	05	-	03	-	12	01
Durg	FW	ONC	SFM	Method and preparation of organic manure	01	01	-	-	05	01	02	02	05	-
Durg	FW	ONC	PLP	Insect control in Rabi crops	01	01	-	-	05	-	15	-	07	03
Durg	FW	ONC	PLP	Use of Bio-agent in pulse crop	01	01	03	-	08	02	10	-	10	-
Durg	FW	OFC	CRP	Cultivation practices related to direct seeding of rice	01	01	05	01	04	01	02	01	10	-
Durg	FW	OFC	CRP	Cultivation practices of soybean in ridge and furrow method	01	01	05	-	05	03	04	01	09	03
Durg	FW	OFC	CRP	Weed management in Kharif rice	01	01	05	-	02	-	02	-	10	02
Durg	FW	OFC	CRP	Weed management in pulses crops	01	01	05	-	02	-	02	-	10	02
Durg	FW	OFC	CRP	Cultivation practices of wheat with high yielding varieties	01	01	03	01	05	-	03	01	10	06
Durg	FW	OFC	CRP	Cultivation practices of chickpea with high yielding	01	01	06	01	02	01	03	-	10	06

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				varieties										
Durg	FW	OFC	CRP	Weed management in Rabi crops	01	01	08	-	02	-	01	-	8	-
Durg	FW	OFC	HOV	Weed control in vegetable crop	01	01	-	-	01	-	01	-	21	-
Durg	FW	OFC	HOV	Vegetable production Techniques	01	01	01	-	01	-	-	-	27	04
Durg	FW	OFC	HOV	Cole crops production Techniques	01	01	-	-	-	-	-	-	23	-
Durg	FW	OFC	HOV	Cucurbits and Tomato production techniques	01	01	-	-	-	-	-	-	31	-
Durg	FW	OFC	HOV	Nutrient management in vegetable crop	01	01	-	-	02	-	02	03	31	05
Durg	FW	OFC	HOV	Preservation techniques of horticultural crops	01	01	04	-	01	-	-	-	37	-
Durg	FW	OFC	HOV	Production techniques of horticultural crops	01	01	-	-	03	-	10	-	32	-
Durg	FW	OFC	HOV	Production techniques of vegetable crops	01	01	02	-	05	-	06	-	29	-
Durg	FW	OFC	HOV	Production techniques of muskmelon and Okra	01	01	-	-	02	-	-	-	43	-
Durg	FW	OFC	HOV	Production and management techniques of cucurbits	01	01	-	-	01	-	01	-	25	-
Durg	FW	OFC	SFM	Application of plant nutrient in crop production	01	01	14	-	08	02	10	02	04	-
Durg	FW	OFC	SFM	Soil testing and its application of crop production	01	01	10	05	02	03	02	-	11	01
Durg	FW	OFC	SFM	Fertilizer application in Kharif crop	01	01	05	01	02	-	-	02	07	03
Durg	FW	OFC	PLP	Integrated Pest Management in Rice	01	01	-	-	-	-	01	-	16	-
Durg	FW	OFC	PLP	Integrated Pest Management in Rice	01	01	-	-	-	-	01	-	16	-
Durg	FW	OFC	PLP	Disease management in Chick pea	01	01	-	-	-	-	01	10	08	02
Durg	FW	OFC	PLP	Management of insect-pest in Vegetable crops	01	01	02	-	14	-	08	-	03	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Durg	FW	OFC	PLP	Method of seed treatment in Vegetable crops	01	01	-	-	-	-	25	02	04	-
Durg	FW	OFC	PLP	Plant protection measure in Summer crops	01	01	-	-	02	-	01	-	24	-
Durg	FW	OFC	CBD	Method of mushroom seed production	01	01	-	-	-	-	01	17	-	-
Durg	FW	OFC	CBD	Mushroom production technique	01	01	-	-	-	-	-	10	01	04
Durg	RY	ONC	CRP	Participation of rural youth in agriculture	01	01	08	01	03	-	03	-	09	01
Durg	RY	ONC	SFM	Soil testing and its utility in crop production	01	01	05	03	01	02	01	02	15	01
Durg	RY	ONC	CRP	Rural people will enhance the income with producing Agricultural crop	01	01	05	02	04	02	04	02	09	02
Durg	RY	OFC	HOV	Production techniques of horticultural crops	01	01	-	-	-	-	02	-	26	06
Durg	RY	OFC	HOV	Basic concept of vegetable production technology	01	01	05	-	02	-	01	01	15	-
Durg	RY	OFC	CRP	Youth generate Income to grow agricultural crops	01	01	05	02	04	02	04	02	09	02
Durg	IS	OFC	HOV	Use of micronutrient and production techniques of horticultural crop	01	01	03	01	04	01	01	01	10	06
Durg	IS	OFC	HOV	Use of growth regulator in vegetable crops	01	01	06	-	01	-	01	-	13	-
Durg	IS	OFC	SFM	Nutrient management of crop production	01	01	08	02	01	01	01	02	06	02
Durg	IS	OFC	SFM	Application of micronutrient in Kharif crop	01	01	05	-	02	-	02	-	10	02
Durg	IS	OFC	PLP	Seed treatment in Rabi crops	01	01	08	-	02	-	-	-	15	-
Durg	IS	OFC	PLP	Disease control in Rabi crops	01	01	03	-	04	-	01	01	14	-

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Durg	Value addition and post harvest management	Kharif	Value addition, post harvest management	05	08	3	1	2	-	2	16	08
Durg	Soil health management	Rabi	Soil fertility management	05	08	7	1	2	2	-	15	10
Durg	Commercial dairy farming	Rabi	dairy farming	01	11	05	02	01	-	-	04	01
Durg	Backyard poultry farming	Rabi	Backyard poultry	01	10	03	01	-	01	01	03	-

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

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

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Durg	Mushroom production technique	CBD	Mushroom production	FW	06	06	-	-	-	15	-	05	-	06	Dena Bank	-
Durg	Vegetable production technique	HOV	Vegetable production	FW	01	01	08	-	15	02	02	-	01	01	Horticulture Department	-
Durg	Onion production technique	HOV	Vegetable production	FW	01	01	12	-	09	-	04	-	-	-	Horticulture Department	-

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

Table 3: Training Programmes for Parent/teacher Institutions, Office bearers & members																
Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Durg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Durg	Sheath blight Management in Paddy	50	5	7	52.5	55.0	69825	75150	1. 150 2. 30 3. 40, 4.76 & 7.62
Durg	Disease management in Pulse crops	40	3	5	10.30	14.80	31415	45140	1. 125 2. 25 3. 40, 43.68 & 43.68
Durg	Mushroom & mushroom seed production technology	200	02	08	50 kg	200 kg	7500	30000	1. 400 2. 90 3. 75, 75 & 75
Durg	Nursery management in Vegetable crops	45	06	09	150	180	62600	77000	1. 170 2. 35 3. 10, 20 & 23
Durg	Vegetables Production techniques .	43	05	08	186	218	55200	65200	1. 100 2. 26 3. 6, 17.2 & 18.1

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				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Durg	Field Day	08	09	46	-	20	08	64	-	Demonstrate technology	-	-
Durg	Kisan Mela	01	02	500	120	124	24	45	28	-	-	-
Durg	Kisan Ghosthi	02	02	42	12	04	02	02	01	-	-	-
Durg	Exhibition	01	04	18	04	08	-	1	-			
Durg	Film Show	-	02	12	-	06	-	01	-			
Durg	Method Demonstrations	01	02	05	02	04	01	02	01	-		
Durg	Farmers Seminar	01	01	25	04	09	05	04	-	-	-	-
Durg	Workshop	12	12	-	-	-	-	320	26	Knowledge enhancement	-	-
Durg	Group meetings	10	13	-	-	-	-	-	-	-	-	-
Durg	Lectures delivered as resource persons	25	55	1400	500	200	120	300	100	Skill development	Agriculture & allied sector	-
Durg	Newspaper coverage	10	15	Mass	mass	Mass	mass	Mass	mass	Disperse of technology	Agriculture & allied sector	-
Durg	Radio talks	04	02	Mass	mass	Mass	mass	Mass	mass	Disperse of technology	Agriculture & allied sector	-
Durg	TV talks	04	03	Mass	mass	Mass	mass	Mass	mass	Disperse of technology	Live stock management	-
Durg	Popular articles	16	20	Mass	mass	Mass	mass	Mass	mass	Disperse of technology	Agriculture & allied sector	-
Durg	Extension Literature	08	12	Mass	mass	Mass	mass	Mass	mass	Disperse of technology	Agriculture & allied sector	-
Durg	Farm advisory Services	08	25	-	-	-	-	-	-	-	-	-
Durg	Scientific visit to farmers field	30	104	100	50	30	10	-	-	-	-	-
Durg	Farmers visit to KVK	50	75	2000	500	1200	300	50	10	-	-	-

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Durg	Diagnostic visits	05	05	10	05	03	-	02	-	-	-	-
Durg	Exposure visits	01	01	10	-	-	-	01	-	-	-	-
Durg	Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
Durg	Soil health Camp	01	01	300	150	50	-	10	-	-	-	-
Durg	Animal Health Camp	05	06	190	40	22	05	15	05	-	-	-
Durg	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Durg	Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
Durg	Farm Science Club conveners meet	-	-	-	-	-	-	-	-	-	-	-
Durg	Self Help Group conveners meetings	08	-	-	-	-	-	-	-	-	-	-
Durg	Mahila Mandals conveners meetings	08	-	-	-	-	-	-	-	-	-	-
Durg	Celebration of important days (World environment day)	01	02	25	15	04	03	04	02	-	-	-

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Durg	July 2014	Quarterly	2000	2000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Durg	Technical bulletins	1. Oyster mushroom cultivation	S.K. Thapak, D. Bhonsle, U.K. Patel and R.L. Sahu	300
		2. Krishak hitasi yojna	S.K. Thapak, D. Bhonsle	300
Durg	Leaflet	1. Cultivation of Okra	R.L. Sahu, D. Bhonsle, U.K. Patel and S.K. Thapak	300
		2. Disease management in tomato	S.K. Thapak, D. Bhonsle, U.K. Patel and R.L. Sahu	300
		3. Oyster mushroom cultivation	S.K. Thapak, D. Bhonsle	300
		4. Insect management through bio-pesticide	S.K. Thapak, D. Bhonsle, U.K. Patel and R.L. Sahu	300
		5. IPM in rice	S.K. Thapak, U.K. Patel and R.L. Sahu	300
		6. Utility of bio-fertilizer in crop	U.K. Patel, S.K. Thapak, D. Bhonsle, and R.L. Sahu	300
		7. Vrishabh Palan	D. Bhonsle	300
		8. Prajanan, garbhvati gai ki Dekh bhal evam Prasav Prabandhan.	D. Bhonsle	300
		9. Vrahad Chara Utpadan	D. Bhonsle	300
Durg	Technical reports	MPR, QPR, PMO, AAP, APR	-	50

Durg	Popular article	1. Production technique and meditational importance of leafy vegetables. 2. Important and production technique of potato	R.L. Sahu and Hansa sahu	Mass
Durg	News paper coverage	SAC Meeting Monthly workshop Farmers training	-	18
Durg	Year Planner	Year Planner 2015-16	-	500

7.3 Details of Electronic Media Produced

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Durg	Certified	Paddy	Rajeshwary	205	300000	Mass	08
Durg	Breeder	Soybean	JS-9752	35	15000	Mass	04
Durg	Certified	Wheat	Gw-366	100	200000	Mass	08

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Durg	-	-	-	-	-	-	-

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

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Durg	Bio Agents	-	-	-	-	-	-
Durg	Bio Fertilizer	-	-	-	-	-	-

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Durg	Goat	Osmanabadi	Meat type	-	-	-

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far:

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Durg	Partial establised	2013	-	500	500	5	-	500 SHC

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Durg	-	-	-	-	-	-	-	-

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Durg	-	-	-	-	-	-	-	-

12. Utilization of Staff Quarters facilities

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

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Durg	19/09/2015	18	1. OFT to be selected on the basis of problem identified through existing cropping system 2. Field day to be conducted on the basis of number of FLD 3. Scientist visit to farmers field should be increased. 4. Oil Seed crop Production should be carried on KVK farm.

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Durg	80	25000	450	Farmers Portal	-

15. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Durg	ATMA	Central	50000	OFT/FLD	District Durg	-
Durg	RKVY	Central	104000	Training on Organic Farming Mission	KVK, Durg	-

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Durg 2015-16	1368104000021085	838000	743000	95000

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Durg	Shri Bhujbal Yadu	Farmer (Farmer Fellowship)	IGKV, Raipur	5000
Durg	Shri Rohit Sahu	Farmer (Farmer Fellowship)	IGKV, Raipur	5000
Durg	Shri Sanjay Choudhary	Farmer (Farmer Fellowship)	IGKV, Raipur	5000
Durg	Shri Vishram Patel	Farmer (Farmer Fellowship)	IGKV, Raipur	5000

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

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

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Different variety of Rice are demonstrated (10)	01
2	Different variety of Wheat are demonstrated (10)	01

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1.	Durg	Sukhram Verma	Vegetable production in drip System	Vill- Kohadiya, Durg / 9589194569
2.	Durg	Ashok chandrakar	Improved Fisheries & Dairy	Vill- Pisegaon, Durg
3.	Durg	Suresh Belchandani	Improve cultivation of Fisheries & Hechri	Vill- Tirga, Durg / 9827935608
4.	Durg	Laxmi Narayan, Gangaram sahu	Organic farming in Vegetables	Vill- Pendri, Gunderdehi
5.	Durg	Tulsiram Deshmukh	Improved technology (SRI) in Paddy	Vill- Changori, Durg / 9589915656
6.	Durg	Pankaj Bhai Taunk	Fruit & Vegetable production in drip System	Vill- Ganiyari, Durg / 9302835351
7.	Durg	Chandrabhan Verma	Organic Pulse farming	Vill – Bera, Bemetara / 8103050794
8.	Durg	Lal Bahadur Patel	Improved Cultivation in Sugarcane & Soyabean	Vill – Betar, Bemetara / 9425561393
9.	Durg	Pratap Singh	Cultivation Ginger & Turmeric, in irrigation system	Vill- Kodawa, Berla / 9424101234
10.	Durg	Nashib singh	Line sowing in Soyabean, Pigeon pea	Vill- Patharikala, Saja / 9893825928

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1.	15/07/2015	10
2.	15/08/2015	08
3.	10/11/2015	04
4.	08/01/2016	05

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Durg	03	11	20	300

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
1.	-	-	-	-

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1.	KVK, Rajnandgaon	Technical intervention to farmers	Better
2.	KVK, Kawardha	Technical intervention to farmers	Better

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Durg	Dr. Y.V. Singh	09/09/2014	Principle Scientist IARI, New Delhi	-	-	-
Durg	Dr. U.K. Mishra	21/09/2015	-	Hon'ble Vice Chancellor CGKV, Durg	-	-
Durg						
Durg	Dr. S.P. Tiwari	21/09/2015	-	Dean College of Veterinary Science, Anjora, Durg	-	-
Durg	Dr. P.L. Choudhary	21/09/2015	-	Director Extension Services, CGKV, Durg	-	
Durg	Shri R.L. Khare	07/12/2015	-	-	Deputy Director Agriculture, Durg	-
Durg	Dr. M. K. Chandrakar	17/12/2015	-	-	M. D. , Seed certification Agency Raipur	-
Durg	Dr. P.K. Bisen	14/01/2016	-	JDE & DSW, JNKVV, Jabalpur (M.P.)	-	-
Durg	Dr Anupam Mishra	11/01/2016	Director, ATARI, Jabalpur. M. P.	-		
Durg	Dr Ashok K Patra	11/01/2016	-	Director, IISS , Bhopal		

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1.	Durg	13.04.2013	160	8350

26. E-CONNECTIVITY

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

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1.	Durg	-	-	-

28. Status of Citizen Charter

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

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Durg	U. K. Patel	Subject Matter Specialist (Soil Science)	02	-
Durg	Roshan Lal Sahu	Subject Matter Specialist (Horticulture)	01	-

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Durg	02	03

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Durg	-	-	-	-

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Durg	-	-

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

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Durg	U. K. Patel	Subject Matter Specialist (Soil Science)	02	-
Durg	Roshan Lal Sahu	Subject Matter Specialist (Horticulture)	01	-
Durg	Dr S K Thapak	Subject Matter Specialist (Plant Protection)	01	-

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Durg	03	04

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

Name of KVK	Alert observed	Particulars	Reported to organization
Durg	-	-	-

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Durg	-	-	-	-

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries
Durg	Oilseeds	20	50
Durg	Pulses	40	110
Durg	Cereals	150	500
Durg	Vegetable crops	15	75
Durg	Tuber crops	03	12
Durg	Fruits	05	25
Durg	Spices	02	08
Durg	Cotton	-	-

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants
Durg	Dairy Management	01	25
Durg	Disease management	01	37
Durg	Feed and fodder technology	01	21
Durg	Poultry management	01	28

Animal health camps organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Durg	02	197	69

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Vermis Produced

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

Large scale adoption of resource conservation technologies

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

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
Durg	-	-	-	-	-	-	-	-	-	-	-	-

35. Proposal of NICRA**1. Technologies to be Demonstrated**

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

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	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	Any Special Remark by Visitors
-	-	-	-

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

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

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

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1.	Durg	03	03

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



OFT on Assessment of Yield in Rice crop applied in SCTR based fertilizer (targeted yield - 40q/ha) .



OFT on management of stem borer in paddy by IPM model



Assessment of bio-control agents & panchgavya on rice sheath blight disease of paddy and yield parameters



OFT on Sulphur on yield of soybean crop



OFT on Assessment of multi disease resistance variety Arka rakshak of Tomato



OFT on Assessment of foliar application of Boron to increased the productivity of Bottle gourd



OFT on Assessment of sticky trap in control of white fly for management of YVMV in Okra



OFT on efficacy of different Acaricidal drugs for control of ectoparasite



OFT on Production potential of Vanraja and Grapriya Chicken varieties



OFT on effect of Azolla feeding on Kadaknath breed of Chicken



OFT on Assessment of yield of green fodder in African tall variety of maize



OFT on Rhizobium & Mo inoculation in yield of chickpea