

ACTION PLAN OF KODAGU KVK FOR THE YEAR 2014-15

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail	: KODAGU KRISHI VIGYAN KENDRA (Indian Institute of Horticultural Research -ICAR) GONIKOPPAL - 571213, Virajpet Taluk KODAGU DISTRICT, KARNATAKA Phone: 08274 -247274 Fax: 08274-247274 E-mail: iihrkvkgk@yahoo.co.in
1.2	Name and address of host organization	: INDIAN INSTITUTE OF HORTICULTURAL RESEARCH (Indian Council of Agricultural Research) Hessaraghatta Lake post, BENGALURU Phone: 080-28466420 / 21, 22, 23 Fax: 080-28466291 e-mail : iibr@ernet.in
1.3	Year of sanction	: 1976
1.4	Website address of KVK and date of last update	: -

2. Details of staff as on date 28th Feb 2014

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If Permanent, Please indicate		Date of joining	If Temporary, pl. indicate the consolidated amount paid
				Current Pay Band	Current Grade Pay		
2.1	Programme Coordinator	-	-	-	-	-	-
2.2	Subject Matter Specialist	K. A. Devaiah	Horticulture	15600 -39100	6600	30.11.1993	-
2.3	Subject Matter Specialist	B. Prabhakara	Horticulture	15600 -39100	6600	03.04.2007	-
2.4	Subject Matter Specialist	Veerendra Kumar K.V	Plant Protection	15600 -39100	5400	02.12.2009	-
2.5	Subject Matter Specialist	Dr.Suresh S.C	Livestock	15600 -39100	5400	09.02.2011	-
2.6	Subject Matter Specialist	-	-	-	-	-	-
2.7	Subject Matter Specialist	-	-	-	-	-	-
2.8	Programme Assistant	C .K. Vasantha Kumar	-	9300-34800	4600	06.9.1976	-
2.9	Computer Programmer	M .K .Padmavathy	-	15600 -39100	5400	21.01.1983	-
2.10	Farm Manager	-	-	-	-	-	-
2.11	Accountant/Superintendent	P. C. Ponnamma	-	9300-34800	4600		-
2.12	Stenographer	Mubeen Taj	-	5200-20200	2400	18.04.2011	-
2.13	Driver 1	K .Velmurugan	-	5200-20200	2000	20.11.2006	-
2.14	Driver 2	-	-	-	-	-	-
2.15	Supporting staff 1	B. N.Janaki	-	4440-7440	2000	25.03.1985	-
2.16	Supporting staff 2	-	-	-	-	-	-

3. Details of SAC meeting conducted during 2013-14(31st July 2013) and tentative date of SAC meeting conducted: July 2014

Major recommendations	Status of action taken in brief
<ul style="list-style-type: none"> • Suggested to put more efforts for rejuvenation of Coorg mandarin and Coorg honey. No. of field days should be enhanced to the actual no. of OFTs and FLDs organized during the year. • No. of training programme for extension functionaries should be enhanced on prioritized areas viz. Cropping pattern for fallow paddy fields, mechanization of paddy cultivation from sowing to harvest, precise compilation of concluded and ongoing OFT/FLDs results with scientific data and farmer opinion • Suggested to take up scientific cultivation of vegetables in paddy fallow lands for improving the productivity. • Facility available at KVK for conducting soil health campaigns in each Gram Panchayath (98 no.) in the district in collaboration with the NABARD. • Requested to help in departmental Giriraja poultry popularization in the District by giving first-hand training on backyard poultry rearing. • Suggested to produce quality planting material in the plantation crops viz. Black pepper, coffee, Arecanut etc. and demonstration on nutrition garden can be initiated at KVK. • Requested to organize more collaborative trainings for the benefit of farmer and farmwomen. • Suggested to organize training programme on value addition in jack fruit, production of button mushroom, introduction of pepper varieties for wilt management. • Suggested to conduct Krishi mela at KVK demonstration farm every year on recent technologies 	<ul style="list-style-type: none"> • Proposed a FLD on rejuvenation of Coorg mandarin in 20 farmres fields as per the package given by the CHES, Chettalli. The completed FLD programme on Paddy var. Tunga and FFS conducted a field day during the period in the implemented village. • A scientist farmer interface was organized on the utilization of paddy fallow in the district with suitable alternative crops. Scientists from IISR, Calicut, IIHR, Bangalore, CPCRI, Kasargod and CIFA, Hessaraghatta participated and suggestions offered to the possible interventions. Efforts are being made to compile implemented and completed OFT and FLD results. • Demonstrated one acre of vegetable crops and recent varieties released by IIHR, Bengaluru at KVK farm and made provision to visit farmers to the district during the tech week celebration. • Two soil health campaigns were organized in collaboration with the NABARD, highlighted the importance of soil testing and collected the samples from coffee plantations, analysed and hand over the results within 20 days. • Three training programmes on poultry were conducted in association with the AH & VS and also procured poultry birds from them and distributed under IFS programme. • Black pepper rooted cuttings (2500 no.), C x R coffee seedlings(9500 no.) and Thirthalli Arecanut seedlings(5500 no.) sold to the 65 farmers during the period. Due to labour and water scarcity nutrition garden could not taken up. • During the period, 12 trainings were conducted in collaboration with the Dept. of Horticulture, 08 trainings in collaboration with the NGO(SKDRDP), 04 trainings in collaboration with AH & VS and 06 trainings in collaboration with the coffee board. • Organized a scientist farmer interface on performance and production of pepper grafts and organized more than 22 trainings programme on value addition programmes in fruit and vegetable crops. • KVK made an first time effort to show latest technologies in the field of vegetable cultivation, banana cultivation, piggery enterprise and pepper garden management in the organized agriculture technology week during 10-13th December 2013. A total of 900 farmer, farmwomen and extension functionaries participated in the programme.

4. Capacity Building of KVK Staff

4.1. Plan of Human Resource Development of KVK personnel during 2014-15

S. No	New Areas of Training	Institution proposed to attend	Justification
4.1.1	Advances in Vegetable Production	IIHR	Updating the knowledge and giving proper advisory services
4.1.2	Advances in Fruit Production	IIHR	Updating the knowledge and giving proper advisory services
4.1.3	Advances in Floriculture	IIHR	Updating the knowledge and giving proper advisory services
4.1.4	Advances in Spice Production technologies	IISR	Updating the knowledge and giving proper advisory services
4.15	Multimedia Technology	NAARM	Application in different activities of KVK Programmes
4.16	Advances in Fruit and Vegetable Preservation	IIHR	Knowing advanced technologies
4.17	Rural Women Empowerment	MANAGE	Knowing advanced technologies
4.18	Advances in animal nutrition	NIANP	Knowing advanced technologies
	Dairy technology	KVAFSU	Knowing advanced technologies

4.2. Cross-learning across KVKs during 2014-15

S. No	Name of the KVK proposed	Specific learning areas
4.2.1	Within ring - KVK, Mysore	Seed village concept
4.2.2	Within the zone - KVK, Namakkal, KVK, Kannur	Public Private Partnerships modules, Value addition, Packaging, Branding and marketing supports
4.2.3	Outside zone - KVK, Baramathi	Dairy technology, value addition and packaging

5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise, resources and activities during 2014-15

S.No.	Name of the KVKs included in the cluster	What do you intend to share with Cluster KVKs	What do you expect from Cluster KVKs
5.1	KVK, Hassan	Livestock production	Sharing of resources and expertise
5.2	KVK, Mysore	Seed production concept	Sharing of resources and expertise
5.3	KVK, Hirehalli	Vegetable seed production	Sharing of resources and expertise

6. Operational areas details proposed during 2014-15

S.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
6.1	<ul style="list-style-type: none"> Coffee,Pepper,Coorg mandarin, Arecanut,Ginger and Paddy Piggery 	<ul style="list-style-type: none"> Poor yield in Paddy Blast disease in Paddy 	31800 ha	<ul style="list-style-type: none"> Mayamudi, Kottageri and Dhanugala 	<ul style="list-style-type: none"> OFT FLD Training Extension Activity
6.2	<ul style="list-style-type: none"> Coffee,Pepper,Coorg mandarin, Arecanut,Ginger,Paddy and Piggery 	<ul style="list-style-type: none"> Poor yield and fruit drooping in Coorg mandarin 	917 ha	<ul style="list-style-type: none"> Chowdlu, Balale and Hosur 	<ul style="list-style-type: none"> FLD Training Extension Activity
6.3	<ul style="list-style-type: none"> Coffee,Pepper,Arecanut,Ginger and Anthurium and Piggery 	<ul style="list-style-type: none"> Poor yield and less dry recover in Ginger 	7348 ha	<ul style="list-style-type: none"> Areyuru, Hosalli, Yalakanoor 	<ul style="list-style-type: none"> FLD Training
6.4	<ul style="list-style-type: none"> Coffee,Pepper,Arecanut,Ginger, Anthurium and Piggery 	<ul style="list-style-type: none"> Nut splitting and nut drooping in Arecanut 	2650 ha	<ul style="list-style-type: none"> Hosuru, Kadamallur and Mayamudi 	<ul style="list-style-type: none"> FLD Training
6.5	<ul style="list-style-type: none"> Paddy , Coffee, Chilli and Piggery 	<ul style="list-style-type: none"> Low yield, Powdery mildew and viral disease in Chilli 	2300 ha	<ul style="list-style-type: none"> Hebbale and Shanivarashanthe 	<ul style="list-style-type: none"> OFT Training Extension activity
6.6	<ul style="list-style-type: none"> Coffee,Pepper,Coorg mandarin, Arecanut,Paddy,Banana and Piggery 	<ul style="list-style-type: none"> Foot rot disease, spike shedding in black pepper 	7650 ha	<ul style="list-style-type: none"> Hudikeri, Hosuru 	<ul style="list-style-type: none"> FLD Training
6.7	<ul style="list-style-type: none"> Coffee,Pepper,Coorg mandarin, Arecanut,Ginger,Paddy and Banana and Piggery 	<ul style="list-style-type: none"> Poor bunch weight and low yield 	1350 ha	<ul style="list-style-type: none"> Kaikeri and Mythadi 	<ul style="list-style-type: none"> Extension activity FLD Training
6.8	<ul style="list-style-type: none"> Coffee,Pepper,Coorg mandarin, Arecanut,Ginger,Paddy and Banana, Piggery and goatary 	<ul style="list-style-type: none"> Poor body weight gain, Increased hoof problems in adult Pigs 	-	<ul style="list-style-type: none"> Srimangala, Kakkabbe and Madikeri 	<ul style="list-style-type: none"> Extension activity FLD OFT Training

7. Technology Assessment during 2014-15

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the intervention (Rs.)	Parameters to be studied	Team members
7.1	Banana	Low plant population and reduced yield	Assessment of Paired row planting system in Banana var. G-9	T-1: 2 X 2 m single row (2225 pl/ha)	UAS, Bangalore	<ul style="list-style-type: none"> G-9 T C Banana plantlets Banana Special 	500 pl. 10 kg	6500	05	32500	<ul style="list-style-type: none"> Plant height No. of Fingers/bunch weight of bunches yield (t/ha) and B:C 	<ul style="list-style-type: none"> Prabhakara Devaiah Veerendra Kumar
				T-2: 1.8 X 1.8 m single row (3000 pl/ha)								
				T-3: Paired row system of planting 1.2 X 1.2 X 2.0 m (5200 pl/ ha)								
7.2	Ginger	Use of local varieties and poor dry recovery	Assessment of High yielding Ginger variety IISR Varada	T-1: <i>Himachal</i>	UAS, Bangalore	<ul style="list-style-type: none"> Seed rhizome Rio de generio Seed rhizome IISR Varada 	50 kg 50 kg	5000	05	25000	<ul style="list-style-type: none"> Pl.height No.of tillers/pl Fresh yield (t/ha) Dry yield (t/ha) & B:C 	<ul style="list-style-type: none"> Prabhakar K.A.Devaiah Veerendra Kumar
				T-2: Rio de generio								
				T-3: <i>IISR Varada</i>	IISR, Calicut							

7.3	Black Pepper	Foot rot disease	Assessment of Foot rot disease management in Black Pepper	T-1 : <ul style="list-style-type: none"> • Spraying of Bordeaux Mixture 	-	-	-	-	05	27,500	<ul style="list-style-type: none"> • % disease incidence • Yield (Q/ha) 	<ul style="list-style-type: none"> • Veerendra Kumar • Prabhakara • Devaiah 	
				T-2: <ul style="list-style-type: none"> • Soil Application of Trichoderma along with FYM • Spraying of Potassium Phosphonate(3 ml/lit) • Drenching of Metalaxyl+ Mancozeb (2 gm/lit) 	IISR Calicut	<ul style="list-style-type: none"> • Trichoderma • Potassium Phosphonate • Metalaxyl + Mancozeb 	5 kg	2 lit					2750
				T-3 : <ul style="list-style-type: none"> • Drenching of Arka Microbial Consortium • Spraying of Potassium Phosphonate(3 ml/lit) • Drenching of Metalaxyl+ Mancozeb (2 gm/lit) 	IIHR Bangalore	<ul style="list-style-type: none"> • Arka Microbial Consortium • Potassium Phosphonate • Metalaxyl + Mancozeb 	5 kg	2 lit					2700

8. Technology Refinement during 2014-15: Nil

9. Frontline Demonstrations during 2014-15

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
9.1	Cereals	Paddy	Blast disease	Blast disease management in Paddy <ul style="list-style-type: none"> Seed treatment with Carbendazim + Mancozeb (SAAF) 4 gm per kg seeds Spraying of Tricyclozole 0.6 gm/lit 	Variety	Intan	UAS, Bangalore	<ul style="list-style-type: none"> SAAF Tricyclozole 	200 gm 500 gm	1060	20	21200	<ul style="list-style-type: none"> Disease scoring Yield and B:C 	<ul style="list-style-type: none"> Veerendra Kumar Prabhakara
9.2	Commercial crops	Coffee	White stem Borer	White stem Borer Management in Arabica Coffee <ul style="list-style-type: none"> Pasting of Sealer and healer mixture Installation of yellow sticky traps (5/acre) 	Variety	Cauvery	IHR, Bangalore	<ul style="list-style-type: none"> Healer and sealer mixture Yellow sticky trap 	5 lit 5 no.	775	20	15,500	<ul style="list-style-type: none"> % pest incidence % mortality 	<ul style="list-style-type: none"> Veerendra Kumar Prabhakara
9.3	Horticultural crops	Banana	Poor bunch weight	Enhancement of bunch size in Banana <ul style="list-style-type: none"> Spraying of Banana special 5 gm /lit Bunch bagging technique 	Variety	G-9	IIHR Bangalore	<ul style="list-style-type: none"> Banana Special Sulphate of potash Urea 	10 kg 1 kg 1 kg	156 0	30	31200	<ul style="list-style-type: none"> Bunch weight /pl Yield and B:C 	<ul style="list-style-type: none"> Prabhakara Veerendra Kumar
		Coorg Mandarin	Poor yield and fruit drooping	Integrated crop Management in Coorg Mandarin	Variety	Coorg Mandarin	CHES, Chettalli	<ul style="list-style-type: none"> Citrus special Fruit fly traps 	10 kg 10 no.	180 0	20	36000	<ul style="list-style-type: none"> % survival Yield ton/ha B:C 	<ul style="list-style-type: none"> Prabhakara K.A.Devaiah Veerendra Kumar
		Black pepper	Poor yield and spike drooping	Foliar nutrition of Black Pepper for high yield and quality <ul style="list-style-type: none"> Spraying of Pepper special 5 gm/lit. 	Hybrid	Panniyur-1	IISR Calicut	<ul style="list-style-type: none"> Pepper special 	10 kg	150 0	15	22500	<ul style="list-style-type: none"> Spike length Yield 	<ul style="list-style-type: none">

		Yard long Bean	Low yield	Introduction of Yard Long bean variety Arka Mangala	Variety	<i>Arka Mangala</i>	IIHR Bangalore	• <i>Arka Mangala</i>	1 kg	1000	20	20000	• Yield (q/ha), B:C	• K.A.Devai ah • Prabhakara • Veerendra Kumar
		French Bean	Low yield	Introduction of French Bean variety Arka Sharath for high yeild	Variety	Arka Sharath	IIHR Bangalore	• <i>Arka Sharath</i>	5 kg	1750	15	26250		
9.4	Livestock	Piggery	Skin problem	Introduction of effective Acaricide against Sarcoptic Mange in Pigs • Usage of injectable Acaricide – Ivermectin- 300 micro gms / kg body weight for 3 times at the interval of 7 days	Breed	Duroc Yorkshire and ND	KVAFSU Bidar	• Inj.Ivermectin	10 ml vial X 75 vials	135	50 pigs	6750	• % of recovery • Body Weight gain	• Suresh S.C • Prabhakara
		Piggery	Permanent lameness in adult pigs	Effective treatment for Foot Rot/Soft Hoof problem in Pigs	Breed	Duroc Yorkshire and ND	KVAFSU Bidar	• Usage of Inj.Isoflupredone acetate • Inj.Oxytetracyclin long acting • Inj.Vit.B-Complex • Usage of ZnSO4 as Feed additive • Inj.Doramectin	10 ml X 30 vial 100 ml X 10 vial 100 ml X 10 vial 10 gm X 10 pigs 20 ml X 10 vial	950	25 Pigs	23750	% of Recovery	• Suresh S.C • Prabhakara
		Goatary	Parasitism leading to Poor body gain	Introduction of effective Endectoparasiticides in Goats • Usage of Closantel Syrup 15% -a broad spectrumanthelmintic oral solution	Breed	<i>Malabari and ND</i>	KVAFSU, BIDAR	• Closantel Syrup 15% oral solution	10 ml/ goat X 50 goats	30	500 goats	15000	Body Weight gain	• Suresh S.C • Prabhakara

9.9	Fodder	Fodder	Lack of quality green fodder	Introduction of Fodder grass CO-4 for increased milk yield in CB cows <ul style="list-style-type: none"> Improved Fodder variety CO-4 	Cross Breed	HF and Jersey cross breed cows	TNAU Coimbatore	<ul style="list-style-type: none"> CO-3 root slips Deworming agent- Fenbedazole -1.5 gm 	10000 root slips 60 no. boli	1150	10 units	11500	Milk yield and Fat %	<ul style="list-style-type: none"> Suresh S.C Prabhakara
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10 Training for Farmers/ Farm Women during 2014-15

S.No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention (OFT/FLD)*	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
10.1	Crop Production	Paddy	<ul style="list-style-type: none"> Poor yield Blast disease 	<ul style="list-style-type: none"> Seed production of high yielding paddy variety Tunga 	<ul style="list-style-type: none"> Nutrient management in Paddy Integrated crop management in Paddy 	10	320	<ul style="list-style-type: none"> Prabhakara.B Veerendra Kumar Devaiah.K.A
10.2	Horticulture Production	Coorg Mandarin	<ul style="list-style-type: none"> Poor yield and fruit drooping 	<ul style="list-style-type: none"> Rejuvenation of Coorg mandarin in Existing garden 	<ul style="list-style-type: none"> Enhancement of fruit yield through ICM practices in Coorg mandarin 	10	200	<ul style="list-style-type: none"> Prabhakara.B Devaiah.K.A Veerendra Kumar
		Banana	<ul style="list-style-type: none"> Poor bunch weight 	<ul style="list-style-type: none"> Foliar application of Micronutrients for enhancing yield in Banana 	<ul style="list-style-type: none"> Integrated Nutrient management in Banana 	10	180	<ul style="list-style-type: none"> Prabhakara.B Devaiah.K.A Veerendra Kumar
		Ginger	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> High yielding Ginger variety <i>IISR Varada</i> 	<ul style="list-style-type: none"> Production 	05	200	<ul style="list-style-type: none"> K.A.Devaiah Prabhakara

			Low yield and less dry recovery		technology of Ginger			• Veerendra Kumar
10.3	Livestock Production	Piggery	<ul style="list-style-type: none"> Poor body weight gain and management practices 	<ul style="list-style-type: none"> Upgradation of Local pigs using Duroc boars Assessment of effective treatment for Hind Limb Paralysis in Pigs Assessment of effective treatment for Foot Rot/Soft Hoof problem in Pigs 	<ul style="list-style-type: none"> Scientific Piggery management Effective treatment for Foot Rot/Soft Hoof problem in Pigs 	10	250	<ul style="list-style-type: none"> Dr.S.C.Suresh Prabhakara.B
		Goatary	<ul style="list-style-type: none"> Parasitism in goats 	<ul style="list-style-type: none"> Introduction of effective Endectoparasiticides in Goats 	<ul style="list-style-type: none"> Scientific goat rearing 	05	80	<ul style="list-style-type: none"> Dr.S.C.Suresh Prabhakara.B
10.4	Home Science	Vegetables	Un awareness about value addition	<ul style="list-style-type: none"> Processing and preservation of vegetables 	<ul style="list-style-type: none"> Processing and preservation of vegetables 	05	300	<ul style="list-style-type: none"> Padmavathy
10.5	Plant Protection	Paddy	<ul style="list-style-type: none"> Blast disease 	<ul style="list-style-type: none"> Assessment of Paddy varieties for blast disease resistance Blast disease management in Paddy 	<ul style="list-style-type: none"> Integrated Pest Management in Paddy 	05	100	<ul style="list-style-type: none"> Veerendra Kumar Prabhakara K.A.Devaiah
		Black Pepper	<ul style="list-style-type: none"> Foot rot disease 	<ul style="list-style-type: none"> Integrated Disease management in Black pepper 	<ul style="list-style-type: none"> Foot rot disease management in Pepper 	10	230	<ul style="list-style-type: none"> Veerendra Kumar Prabhakara
10.6	Soil Health and Fertility	Arecanut	<ul style="list-style-type: none"> Nut splitting and nut drooping 	<ul style="list-style-type: none"> Nut splitting management in Arecanut 	<ul style="list-style-type: none"> Nut splitting management in Arecanut 	5	100	<ul style="list-style-type: none"> Vasantha kumar Veerendra Kumar
		Coffee	<ul style="list-style-type: none"> Low yield 	-	<ul style="list-style-type: none"> Soil test based nutrient application in Coffee 	10	250	<ul style="list-style-type: none"> Vasantha kumar Veerendra Kumar
		Paddy	<ul style="list-style-type: none"> Low yield and Acid 	-	<ul style="list-style-type: none"> Acid soil management in 	10	500	<ul style="list-style-type: none"> Vasantha kumar Veerendra Kumar

10.7	PHT and value addition	Minor fruits	soils • Under utilization of fruits	-	Paddy • Demonstration of preparation of different Jam. Jelly, squashes, pickle	10	300	• Vasantha kumar • Veerendra Kumar
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11. Training for Rural Youth during 2014-15

S.No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention (OFT/FLD)*	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
10.1	Crop Production	Paddy	• Poor yield	• Seed production of high yielding paddy variety Tunga	• Integrated crop management in Paddy	5	150	• Prabhakara.B • Veerendra Kumar • Devaiah.K.A
10.2	Horticulture Production	Coorg Mandarin	• Poor yield	• Rejuvenation of Coorg mandarin in Existing garden	• ICM practices in Coorg mandarin	02	50	• Prabhakara.B • Devaiah.K.A • Veerendra Kumar
		Banana	• Poor bunch weight	• Foliar application of Micronutrients for enhancing yield in Banana	• Integrated Nutrient management in Banana	02	50	• Prabhakara.B • Veerendra Kumar
		Ginger	• Low yield and less dry recovery	• High yielding Ginger variety IISR Varada	• Production technology of Ginger	05	200	• K.A.Devaiah • Prabhakara • Veerendra Kumar

10.3	Livestock Production	Piggery	<ul style="list-style-type: none"> Poor body weight gain and management practices 	<ul style="list-style-type: none"> Upgradation of Local pigs using Duroc boars Assessment of effective treatment for Hind Limb Paralysis in Pigs Assessment of effective treatment for Foot Rot/Soft Hoof problem in Pigs 	<ul style="list-style-type: none"> Scientific Piggery management Effective treatment for Foot Rot/Soft Hoof problem in Pigs 	10	250	<ul style="list-style-type: none"> Dr.S.C.Suresh Prabhakara.B
		Goatary	<ul style="list-style-type: none"> Endectoparasiticides in Goats 	<ul style="list-style-type: none"> Introduction of effective Endectoparasiticides in Goats 	<ul style="list-style-type: none"> Scientific goat rearing 	05	80	<ul style="list-style-type: none"> Dr.S.C.Suresh Prabhakara.B
10.4	Home Science	Vegetables	Un awareness about value addition	Processing and preservation of vegetables	<ul style="list-style-type: none"> Processing and preservation of vegetables 	05	300	<ul style="list-style-type: none"> Padmavathy
10.5	Plant Protection	Paddy	<ul style="list-style-type: none"> Blast disease 	<ul style="list-style-type: none"> Assessment of Paddy varieties for blast disease resistance Blast disease mgmt. in Paddy 	<ul style="list-style-type: none"> Integrated Pest Management in Paddy 	05	100	<ul style="list-style-type: none"> Veerendra Kumar Prabhakara K.A.Devaiah
		Black Pepper	<ul style="list-style-type: none"> Foot rot disease 	<ul style="list-style-type: none"> Integrated Disease management in Black pepper 	<ul style="list-style-type: none"> Foot rot disease management in Pepper 	10	230	<ul style="list-style-type: none"> Veerendra Kumar Prabhakara
10.7	Soil Health and Fertility	Arecanut	<ul style="list-style-type: none"> Nut splitting and nut drooping 	<ul style="list-style-type: none"> Nut splitting management in Arecanut 	<ul style="list-style-type: none"> Nut splitting management in Arecanut 	5	100	<ul style="list-style-type: none"> Vasantha kumar Veerendra Kumar
		Coffee	<ul style="list-style-type: none"> Low yield 	-	<ul style="list-style-type: none"> Soil test based nutrient application in Coffee 	10	250	<ul style="list-style-type: none"> Vasantha kumar Veerendra Kumar
10.8	PHT and	Minor	<ul style="list-style-type: none"> Under utilization 	-	<ul style="list-style-type: none"> Demonstration 	10	300	

	value addition	fruits	of fruits		of preparation of different Jam. Jelly, squashes, pickle			<ul style="list-style-type: none"> • Vasantha kumar • Veerendra Kumar
10.12	Mushroom production	Mushroom production	Poor nutrition	-	<ul style="list-style-type: none"> • Mushroom cultivation 	10	300	<ul style="list-style-type: none"> • Prabhakara • Veerendra Kumar

12 Training for Extension Personnel during 2014-15

S.No.	Thematic area	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
12.1	Crop Production				
	Integrated Crop management	Integrated crop management in Paddy	02	35	<ul style="list-style-type: none"> • Prabhakara • Veerendra Kumar • K.A.Devaiah
12.2	Home Science				
	Value addition	Processing and preservation of minor fruits	02	100	<ul style="list-style-type: none"> • Padmavathy • Vasantha Kumar
12.3	Capacity Building and Group Dynamics				
12.4	Horticulture				
	Integrated Crop management	Spice production technology	01	50	<ul style="list-style-type: none"> • Prabhakara • Veerendra Kumar • K.A.Devaiah
12.5	Livestock Production & Management				
	Piggery	Scientific Piggery management	01	50	<ul style="list-style-type: none"> • Suresh S.C • Prabhakara
12.6	Plant Protection				
	Integrated Pest	Integrated Pest and disease	01	35	<ul style="list-style-type: none"> • Veerendra Kumar

Management	management in Horticultural crops			• Prabhakara
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13 Vocational trainings during 2014-15

Sl.No.	Thematic area and the Crop/Enterprise	Training title*	No. of programmes and Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Expected No. of participants	Sponsoring agency if any	Names of the team members involved
13.1	Home Science	Processing and preservation of minor fruits	3 (5)	SHGs	25	Dept. of Horticulture	• Padmavathy • Veerendra Kumar • Prabhakara
		Value addition in Horticultural crops	2 (7)	SHGs	30	-	• Padmavathy • Veerendra Kumar • Prabhakara
13.3	Horticulture	Planting material production	2 (2 days)	NYK			• K.A.Devaiah • Prabhakara
13.4	Livestock Production & Management	Scientific Piggery management	2 (2 days)	SHGs	60	-	• Dr.S.C.Suresh • Prabhakara.B

14 Sponsored trainings during 2014-15

Sl.No.	Thematic area and the Crop/Enterprise	Training title*	No. of programmes and Duration (days)	Type of Participants (SHGs, NYKs, School students, Women, Youth etc.)	Expected number of participants	Sponsoring agency	Names of the team members involved
14.1	Crop Production	Vermicomposting	2 (3)	SHGs,	02	Department of Agriculture	Prabhakara.B, Devaiah.K.A
14.2	Home Science	Women empowerment	1 (3)	SHGs,	02	Department of Horticulture	Padmavathy, Vasanth Kumar

14.3	Capacity Building and Group Dynamics	Entrepreneurship development programmes	3 (3)	SHGs,	02	Coffee Board	Padmavathy, Prabhakara.B Devaiah.K.A
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15. Extension programmes during 2014-15

Sl.No.	Extension Programme/ Activity*	No. of programmes or activities	Expected number of participants	Names of the team members involved
15.1	Advisory Services	500	1500	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy
15.2	Diagnostic visits	50	300	Veerendra Kumar, Prabhakara, K.A.Devaiah, Suresh. S.C, Vasantha kumar
15.3	Field Day	05	250	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar
15.4	Group discussions	10	300	Veerendra Kumar, Prabhakara, K.A.Devaiah, Suresh. S.C, Vasantha kumar
15.5	Kisan Ghosthi	1	500	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar
15.6	Film Show	15	2500	K.A.Devaiah, Prabhakara, Veerendra Kumar, Suresh. S.C, Vasantha kumar
15.7	Self -help groups	2	40	Prabhakara, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy
15.8	Kisan Mela	1	500	K.A.Devaiah, Prabhakara, Veerendra Kumar, Suresh. S.C,
15.9	Exhibition	3	1000	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy
15.10	Scientists' visit to farmers field	200	1000	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh.
15.11	Plant/Soil health/Animal health camps	20	1200	Suresh. S.C, Vasantha kumar
15.12	Farm Science Club	-	-	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy
15.13	Ex-trainees Sammelan	1	50	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha

				kumar
15.14	Farmers' seminar/workshop	10	500	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar
15.15	Method Demonstrations	25	500	Prabhakara, Veerendra Kumar, Suresh. S.C, Vasantha kumar and Padmavathy
15.16	Celebration of important days	5	250	Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy
15.17	Special day celebration	3	150	Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy
15.18	Exposure visits	2	60	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C
15.19	Technology week,	1	500	Prabhakara, Veerendra Kumar, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy
15.20	FFS	1	30	Prabhakara, Veerendra Kumar, K.A.Devaiah
15.21	Farm innovators meet	1	500	Prabhakara, Veerendra Kumar, K.A.Devaiah, Vasantha kumar
15.22	Awareness programmes	3	150	Prabhakara, K.A.Devaiah, Suresh. S.C, Vasantha kumar and Padmavathy

16. Activities proposed as Knowledge and Resource Centre during 2014-15

16.1 Technological knowledge

Sl.No.	Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
16.1.1	Technology Park/ Crop cafeteria	Coffee, Pepper, Banana, Papaya, Coorg mandarin and Fruits crops	30	Devaiah.K.A, Prabhakara.B, Veerendra Kumar, Vasantha Kumar, Padmavathy.M.K
16.1.2	Demonstration Units	Coffee based cropping system, Banana, Papaya, Coorg Mandarin Piggery and Goatary,	35.0	Devaiah.K.A, Prabhakara.B, Veerendra Kumar ,Vasantha Kumar, Padmavathy.M.K
16.1.3	Lab Analytical services	Soil testing	-	Devaiah.K.A, Prabhakara.B, Veerendra Kumar, Vasantha Kumar
16.1.4	Technology Week	Integrated Farming System	-	Devaiah.K.A, Prabhakara.B, Veerendra Kumar ,Vasantha Kumar, Padmavathy.M.K

16.2 Technological Products

Category	Name of the Production Partner Agency	Name of the product	Quantity (q)/ Number planned to be produced during 2014-15	Names of the team members involved
Seeds	-	French Bean	200 kg	Devaiah.K.A, Prabhakara.B, Veerendra Kumar
		Yard Long Bean	50 kg	Devaiah.K.A, Prabhakara.B, Veerendra Kumar
		Brinjal	5 kg	Devaiah.K.A, Prabhakara.B, Veerendra Kumar
Planting materials	-	Coffee	25000	Devaiah.K.A, Prabhakara.B, Veerendra Kumar
		Arecanut	3000	Prabhakara.B, Devaiah.K.A, Veerendra Kumar
		Pepper	1500	Devaiah.K.A, Prabhakara.B, Veerendra Kumar,
Livestock strains	-	Duroc Piglets	80	Dr.S.C.Suresh, Devaiah.K.A
		Malabari goats	10	Dr.S.C.Suresh, Devaiah.K.A
		Sirohi goats	10	Dr.S.C.Suresh
Fodder slips		Hybrid Napier CO-3,CO-4 and NB-21	25000	Dr.S.C.Suresh

16.3 Technological Information

Category	Technological capsules / Number	Names of the team members involved
Technology backstopping to line departments		
Agriculture	New varieties of Paddy IPDM practices	Prabhakara.B, Devaiah.K.A Veerendra Kumar
Horticulture	ICM in Pepper	Prabhakara.B, Devaiah.K.A Veerendra Kumar
Animal Husbandry	Duroc Piggery	Dr.S.C.Suresh,, Devaiah.K.A
Literature/publication		
Folder	Trichoderma a potential bio control agent	Veerendra Kumar
	Soil sampling techniques	Vasantha Kumar
	Stall fed Goatary farming	Dr.S.C.Suresh
	Value addition of minor fruit crops	Padmavathy.M.K
Electronic Media		
TV Programme	Black pepper cultivation	Prabhakara.B
	Anthurium cultivation	Devaiah.K.A
	Soil sampling techniques	Vasantha kumar

	Foot rot disease management in Black pepper	Veerendra Kumar
	Stall fed Goatary farming	Dr.S.C.Suresh
Radio Programme	Production technology of Paddy	Prabhakara.B
	Summer vegetable cultivation	Devaiah.K.A
	Production technology of Anthurium	Devaiah.K.A
	Quick wilt disease management in Pepper	Veerendra Kumar
	Koleroga Management in Arecanut	Veerendra Kumar
	Importance of soil testing	Vasantha Kumar
	Scientific Goatary management	Dr.S.C.Suresh
Kisan Mobile Advisory Services	5000	Veerendra Kumar, Devaiah.K.A , Prabhakara.B, S.C.Suresh
Information on centre/state sector schemes and service providers in the district.	September 2014	Devaiah.K.A , Prabhakara.B Veerendra Kumar, S.C.Suresh

17. Additional Activities Planned during 2014-15

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
17.1	National Horticulture Mission	Establishment of Bio control and Biofertilizer Laboratory	Production of Biocontrol and Biofertilizers	Rs.50,0000/-	Veerendra Kumar, Prabhakara.B K.A. Devaiah
17.2	National Horticulture Mission	Mushroom Spawn production unit	Production of mushroom spawn	Rs.15,00000/-	Veerendra Kumar, Prabhakara.B K.A. Devaiah

18. Revolving Fund

18.1 Financial status

Opening balance as on 01.04.2013	Expenditure incurred during 2013- 14	Receipts during	Closing balance as on 31.01.2014	Expected closing balance by 31.03.2014 (Including value of
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(Rs.in Lakh)	(Rs.in Lakh)	2013-14 (Rs.in Lakh)	(Rs.in Lakh)	material in stock/ likely to be produced)
26.40	7.26	8.91	28.05	29.70

18.2 Plan of activities under Revolving Fund

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
18.2.1	Planting material production	29500 no.	300000	Devaiah.K.A, Prabhakara.B, Veerendra Kumar
18.2.2	Seed production	60 kg	50000	Devaiah.K.A, Prabhakara.B, Veerendra Kumar
18.2.3	Livestock production	105 piglets 12 goat kids	200000	Suresh S.C, Devaiah.K.A
18.2.4	Fodder root slips and Azolla	12000	10000	Suresh S.C, Devaiah.K.A
	Existing farm activity	-	800000	Devaiah.K.A, Prabhakara.B, Veerendra Kumar

19. Activities of soil, water and plant testing laboratory during 2014-15

Sl.No.	Type	No. of samples to be analyzed	Names of the team members involved
19.1	Soil	750	Vasanth Kumar, Prabhakara, K.A.Devaiah and Veerendra Kumar

20. E-linkage during 2014-15

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
20.1	Title of the technology module to be prepared	January -2015	
20.2	Creation and maintenance of relevant database system for KVK	February- 2015	

21. Activities planned under Rainwater Harvesting Scheme (only to those KVKs which are already having scheme under Rain Water Harvesting)

S. No	Activities planned	Remarks if any
21.1	Title of the technology module to be prepared	January -2015

21.2	Creation and maintenance of relevant database system for KVK	February- 2015
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22. Innovator Farmer's Meet

Sl.No.	Particulars	Details
22.1	Are you planning for conducting Farm Innovators meet in your district?	Yes
22.2	If Yes likely month of the meet	December 2014
22.3	Brief action plan in this regard	Technologies related to cost effectiveness in crop production Seminar, Exhibition, Expert Farmers Interface etc...

23. Farmers Field School (FFS) planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
23.1	Integrated Crop Management	Integrated Crop Management in Brinjal	30000

24. Integrated Farming System

S. No	Thematic area	Critical inputs to be given to 3 IFS units	Budget proposed in Rs.
24.1	Integrated Farming System	Composite fish culture Duroc piglets Giriraja chicks(4 week old) Vermicompost unit Goatkids Kitchen garden kits	50000

25. Special programme

S. No	Thematic area	Critical inputs to be given	Budget proposed in Rs.
25.1	Demonstration cum seed production of recently released IIHR Vegetable varieties (16 crops, 32 varieties)	Breeder seeds	50000

24. Budget - Details of budget utilization (2013-14) upto 31 January 2014

(Rs.)

S. No.	Particulars	Sanctioned	Released	Expenditure
24.1	Recurring Contingencies			
24.1.1	Pay & Allowances	63.00		56.37
24.1.2	Traveling allowances	1.20		1.03
24.1.3	Contingencies			
24.1.4.	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and			
1	library maintenance	2.45		2.23
B	POL, repair of vehicles, tractor and equipments	1.95		1.75
C	Meals/refreshment for trainees	0.85		0.65
D	Training material	0.75		0.73
E	Frontline demonstration except oilseeds and pulses	2.70		2.69
F	On farm testing	0.75		0.75
G	Training of extension functionaries	0.20		0.18
H	Maintenance of buildings	0.50		0.50
I	Establishment of Soil, Plant & Water Testing Laboratory	-		-
J	Library	0.05		0.02
K	Extension activities	0.50		0.35
I	Farmers Field School	0.30		0.30
24.1	Total Recurring	75.20		67.55
24.2	Non-Recurring Contingencies			
24.2.1	Works	-		-
24.2.2	Equipments including SWTL & Furniture	-		-
24.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	-		-
24.2.4	Library	-		-
24.2	Total Non Recurring	-		-
24.3	REVOLVING FUND			
24.4	GRAND TOTAL (A+B+C)	75.20		67.55

25. Details of Budget Estimate (2014-15) based on proposed action plan

S. No.	Particulars	BE 2014-15 proposed (Rs.)
25.1	Recurring Contingencies	
25.1.1	Pay & Allowances	107.52
25.1.2	Traveling allowances	2.00
25.1.3	Contingencies	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	4.00
B	POL, repair of vehicles, tractor and equipments	2.50
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.50
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	1.50
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	2.50
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1.00
G	Training of extension functionaries	0.30
H	Maintenance of buildings	0.70
I	Establishment of Soil, Plant & Water Testing Laboratory	-
J	Library	0.10
K	Extension activities	0.50
l	Farmers Field School	0.30
25.1	TOTAL Recurring Contingencies	124.42
25.2	Non-Recurring Contingencies	
25.2.1	Works	0.50
25.2.2	Equipments including SWTL & Furniture	2.50
25.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	8.00
25.2.4	Library (Purchase of assets like books & journals)	0.25
25.2	TOTAL Non-Recurring Contingencies	11.25
25.3	REVOLVING FUND	-
25.4	GRAND TOTAL	135.67

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