ZONAL PROJECT DIRECTORATE – ZONE VIII BANGALORE

PROFORMA FOR ACTION PLAN OF KVKS IN ZONE VIII FOR THE YEAR 2012-13

1. General information about the Krishi Vigyan Kendra

1.	Name and address of KVK with Phone, Fax and e-mail, Website	:	Krishi Vigyan Kendra Dakshina Kannada Kankanady Post Mangalore-575001. 0824-2431872 Fax: 0824-2430060 e-mail: kvkdk@rediffmail.com
2.	Name and address of host organization	:	Karnataka Veterinary Animal & Fisheries Sciences University Nandinagar ,P.B.No.-6, Bidar-585 401 P.No.91-08482-245264 e-mail: vckvafsu@yahoo.co.in dekvafsu@gmail.com
3.	Year of sanction	:	2004
4.	Name of agro-climatic zone	:	Coastal Zone, Zone 10
5.	Major farming systems/enterprises		Agriculture, Horticulture, Animal Husbandry and Fisheries.
6.	Soil type	:	Laterite, Sandy loam and Alluvial soil
7.	Annual rainfall (mm)	:	3500 mm (average)

2. Details of staff as on date

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Existing Pay band	Grade Pay	Date of joining	Permanent / Temporary	If vacant action plan for filling the post on permanent basis
1.	Programme Coordinator	Dr. H. Hanumanthappa	Fisheries	37400-67000	10000	21.01.2006	Permanent	-
2.	Subject Matter Specialist	Dr. Rajesh K.M.	Fisheries	15600-39100	6000	7.11.2008	Permanent	-
3.	Subject Matter Specialist	Sri. Shashikanth	Horticulture	23000/-	-	27.5.2011	Temporary	As per university decision
4.	Subject Matter Specialist	Ms. Punitha B. C	Soil Science	23000/-	-	3.11.2011	Temporary	
5	Subject Matter Specialist	Mr.Ashokkumar Bennur	Agril.Extension	23000/-	-	4.11.2011	Temporary	
6	Subject Matter Specialist	Ms.Shweta.B.K Kyatanagoudar	Home Science	23000/-	-	8.11.2011	Temporary	
7.	Subject Matter Specialist	Mr. Prabhakar A	Entomology	23000/-	-	05.01.2012	Temporary	
8	Programme Assistant	Shri. Harish Shenoy	Agronomy	9300-34800	4200	11.11.2010	Permanent	-
9	Computer Programmer	Mr.Sathisha Naik K	-	9300-34800	4200	24.01.2011	Permanent	-
10	Farm Manager	Mrs. Sujata.Bhat	Genetics and Plant Breeding	9300	--	23.08.2009	Temporary	As per university decision
11	Accountant/ Superintendent	Ms .Bhavyashree	-	7900	-	26.10.2011	Temporary	
12	Stenographer(Computer Operator)	Ms. Deepa	-	7900	-	02.11.2011	Temporary	
13	Driver 1 (LV)	Mr.Keshava	-	5800	-	25.05.2010	Temporary	
14	Driver 2 (Tractor)	Vacant	-	-	-	-	-	
15	Supporting staff 1	Mr. Ashwith Kumar	-	5100	-	21.10.2011	Temporary	
16	Supporting staff 2	Mrs. Anusuya	-	4700	-	21.10.2011	Temporary	

3. Details of SAC meeting conducted during 2011-12

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2012-13
01	**19.7.2011**	➢ Organize training programmes on Agro processing and marketing in collaboration with APMC and marketing boards. ➢ Organize training programme on preparation of Bakery products to SHG's and interested entrepreneurs. ➢ Conduct impact analysis of technologies demonstrated through FLD programmes. ➢ Popularize the banana special and vegetable special developed by IIHR, Bangalore. ➢ Register the farmer and send the tips about agriculture operations through SMS regularly.	➢ Training programmes are organized regularly on Value addition of Horticulture crops in Collaboration with APMC, marketing boards, Developmental Dept. & NGO,s . ➢ Need based (on/off) training programmes are organized regularly in this regard. ➢ Action is being taken to conduct Impact analyses of technologies demonstrated through FLD programmes. ➢ Banana special and vegetable special are popularized during training programmes and included in the technology interventions proposed for action plan 2012-13. ➢ Farmer's data base is being prepared and action will be taken shortly to send SMS's.	August – September 2012 March-April 2013
02		➢ Conduct more number of trainings on Integrated Farming Systems for farmers and also create awareness among school children on agriculture. ➢ Provide information on Hitech Horticulture crops like colour Capsicum, Gerbera, Anthurium etc which can be grown under controlled condition (Green house). ➢ Create awareness on use of small machineries for field operations in Dakshina Kannada.	➢ Already 5 programmes involving school children have been conducted for creating awareness about the agriculture. Further it is planned to conducted special days like environmental day, world food day etc., involving school children and college students in future. ➢ Information on Hitech horticulture crops can be provided after making a detail survey of the market for the demand existing and gap between demand and supply. ➢ Awareness about cost effective Small machineries suitable for land holdings of Dakshina Kannada are being created regularly during off/on Campus Training Programmes.	

03	**19.7.2011**	➢ Conduct SAC meetings as per the Schedule ➢ Involve concerned Development Department officers while organizing FLD & OFT programmes for effective popularization ➢ Conduct FFS in different taluks and note the spread of technology. ➢ Invite Fellow farmer representative from each taluks as participate in SAC meeting ➢ Popularize the use of growth promoters like "banana special" and vegetable special developed by IIHR in this district.	➢ -will be adhered to ➢ The technology interventions of the action plan are being finalized after discussing with officers and extension functionaries of development Departments and NGO,s .During the implementation the development departments are actively involved. ➢ Will be implemented ➢ Will be implemented ➢ Banana special and vegetable special will be included in the OFT and FLD proposed for the action plan 2012-13	
04		➢ Conduct impact analysis of technologies demonstrated/ popularized through FLD programmes	➢ Action is being taken to conduct impact analysis on FLD's by SMS (Extension) to take necessary action in this regard	
05		➢ Conduct demonstration of ragi crop at KVK farm and conduct training cum demonstration on preparation of value added products from ragi including ragi malt. ➢ Conduct the study on socio- economic impact of replacement of paddy fields with plantation crops. ➢ Publish the technologies developed in the form of folders/booklets/leaflets ➢ Create a post of Farm Management specialist in KVK. ➢ Popularize paddy mechanization in the district.	➢ Ragi crop is taken up on small scale for demonstration purpose in KVK farm. Training cum demonstration on preparation of value added products from ragi is being conducted. ➢ Socio-economic impact forms part of social research and ➢ Will be implemented ➢ Proposal already submitted and included in XIIth 5 year plan. ➢ 5 Ha. FLD on paddy mechanization is taken up.	

06	**19.7.2011**	➢ Conduct on campus training programmes on Cashew nut processing by installing suitable equipments for method demonstration. ➢ Provide information about integrated nutrient management in cashew through training programmes	➢ Already training programmes are being conducted regularly in association with DCCD Cochin. ➢ Already DCR puttur is conducting such programmes and KVK is also conducting similar programmes.	
07		➢ Organize more number of training programmes on cultivation of cocoa since it is a major inter crop in Arecanut garden. ➢ Educate and demonstrate about the IFSDA models suited for Dakshina Kannada	➢ Will be conducted in association with CPCRI Vitla. ➢ IFS already exist and best model suited for Dakshina Kannada are being advocated depending on land holdings and availability of human resources.	
08		➢ Conduct demonstration on mechanized paddy cultivation on a larger scale and create awareness in the farmers about mechanized farming.	➢ FLD on mechanized paddy cultivation is already implemented in 5 hectares covering 3 taluks of D.K. It is proposed to take up 8 ha. in 3 Taluks in the action plan 2012-13.	
09		➢ Conduct farm demonstration of Thrissur Bhendi and other vegetables developed by Kerala Agricultural University. ➢ Organize training programme on creating awareness on use of tarpaulin for drying of arecanut and coconut copra.	➢ Will be implemented subject to availability of seeds. ➢ Will be conducted.	
10		➢ Provide fortnightly news on timely operational aspects of Agriculture, Horticulture, Animal husbandry & Fisheries. ➢ Conduct training programmes on sericulture and apiculture aspects.	➢ Will be implemented in association with line departments and AIR and department of information and publicity. ➢ At present there is no specialist in sericulture and also area under sericulture is less however need based training will be conducted on demand by resources person for outside.	

11	**19.7.2011**	➢ Develop economically viable technologies suitable for marginal farmers of DK district. ➢ Organize training programmes on advances in dairy technologies.	➢ Will be developed after assessing the economics of different cropping systems existed in D.K. ➢ At present the training on Dairy technologies are conducted in collaboration with Animal Husbandry Dept. Sufficient programme can be conducted with the posting of specialist in Veterinary Science.	
12		➢ Organize vocational training programmes for SHG members on bakery products	➢ Will be conducted in association with DIC	
13		➢ Organize training programmes on preparation of value added products from prawn for the benefit of SHGs and motivate them to take up as a self employment	➢ Will be conducted	
14		➢ Conduct training programmes on value added products from fish/prawn.	➢ Training programme in collaboration in Fisheries College is conducted regularly.	
15		➢ Organize more number of training programmes related to animal husbandry and veterinary aspects in collaboration with the department. ➢ Give importance to fodder crops and conduct more number of training programmes on fodder cultivation.	➢ Conducted regularly with the cooperation animal husbandry and veterinary science department. ➢ HYV fodder crops are planted in KVK FLD on Fodder crops in implemented.	
16		➢ Analyse the chemical contents of bio-phyte/ biopot and its effect in controlling koleroga disease in Arecanut. ➢ Include the information on economics aspects of different crops in the technical folders. ➢ Initiate educational programme on control of yellow leaf disease in Arecanut.	➢ The contents of the bio-phyte/biopot and its effect on controlling Koleroga disease in arecanut is being studied in detail at Arecanut Research Station, Shimoga and results are awaited. ➢ The economic aspects of different crops will be included in technical folders developed in future. ➢ Trainings will be conducted and formers will be educated about control of YLD in Arecanut by adopting integrated control measures.	

17	**19.7.2011**	➢ Develop suitable technologies for root feeding of chemicals in arecanut to control pest and diseases	➢ Developing suitable technologies for root feeding of chemicals in Arecanut farms part of research activities same is brought to the notice of local research station.	
18		➢ Suggested to organize training programme on roof garden and kitchen gardening for the benefit of the urban population. ➢ Suggested to organize training programme on urban waste recycling technologies.	➢ Will be implemented and conducted. ➢ Will be conducted.	

4. Capacity building of KVK staff.

A. Plan of Human Resource Development of KVK personnel during 2012-13

S. No	Category	Area of training	Institution proposed to attend	Justification	Details of trainings attended during 2011-12
1.	Programme Coordinator	Dr. H. Hanumanthappa	-	-	-
2.	SMS- Fisheries	Dr. Rajesh K.M.	Central Institute of brackish water aquaculture, Chennai	To upgrade the knowledge on brackish water aquaculture	1. Attended National Conference on **"Biofloc technology"** organized by University of Delhi, from 13-09-2011 to 16-09-2011. 2. Attended National Conference on **"Recent innovations, opportunities and Challenges in Science and Technology"** organized by Academy of Karnataka Science and Technology and Mangalore University, from January 28-29, 2012.
3.	SMS-Horticulture	Sri. Shashikanth	IIHR Bangalore	Upgrade the knowledge on new technologies for training the farmers	1. Attended **National Workshop for Dissemination of Horticultural Technologies Through KVK Personnel** on 18-01-2012 to 19-01-2012 Organized by IIHR Bangalore

4.	SMS-Soil Science	Ms. Punitha B. C	NBSS & LUP, Bangalore	To upgrade new technologies	-
5	SMS-Agriculture Extension	Mr.Ashokkumar Bennur	MANAGE, Hyderabad	To upgrade new technologies	-
6	SMS-Home Science	Ms.Shweta.B.K	CFTRI, Mysore	To upgrade new technologies	-
7	SMS-Entomology	Mr. Prabhakar. A	NBAII, Bangalore	Upgrade the knowledge on new technologies for training the farmers	-
8	Programme Assistant	Shri. Harish Shenoy	IRSA Hyderabad TNAU Coimbatore	Upgrade the knowledge on Precision Farming and GIS technologies for training the farmers Upgrade the knowledge on Mechanization in agriculture	1) Attended 3 days training Programme on Aquaculture in IFS at SAMETI, UAS Bangalore from 28-06-2011 to 30-06-2011 2)Attended 4th conference of Karnataka Science and Technology : new horizons : opportunities and challenges
9	Computer Programmer	Mr. Sathisha Naik K	Reputed computer institute	Development of Web site and upgradation	Attended 6 days Computer training programme from 6th to 11th June 2011 at Karnataka State Electronic Development Corporation Ltd. (KEONICS) Ganganagar, Hebbal, Bangalore
10	Farm Manager	Mrs.Sujata.Bhat	Nil	-	-
11	Administrative	Ms.Bhavyashree	Nil	-	-

B. Cross-learning across KVKs

S. No	Name of the KVK proposed	Purpose	Mode of learning
1	KVK Kasargod	The existing agroclimatic conditions and cropping pattern of Kasargod district is almost similar to Dakshina kannada District, Exchange of information and expertise between two KVKs will help in better implementation of technology interventions and adaptations of cost effective technologies which will ultimately benefit the farming community	Exchange of Technical Know-how and facilities and visits
2	KVK Shimoga	Better implementation of technological interventions in Plantation crops	Exchange of Technical Know-how and facilities and visits
3	KVK Sirsi	Pepper technology	Exchange of Technical Know-how and facilities and visits
4	KVK Namakal	To study diversified poultry farming, Fish culture and IFSD models	Visit and interaction with the scientists
5	KVK Kannur	Cultivation of Paddy by farming different groups as task force	Visit and interaction with the expert team

5. Proposed cluster of KVK s (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise, Resources and activities

S.No.	Name of the KVK included in the cluster	Nature of sharing		
		Knowledge/expertise	**Resources (facilities and products)**	**Activities**
1	KVK Kodagu	Piggery,	Breading and rearing of Durac pigs	FLD/OFT/ Training programme/
2	KVK Brahmavar	Paddy production technology Fodder crops	Paddy Production technology Fodder Slips	FLD/OFT/ Training programme/
3	KVK Sirsi	Pepper drying Technology	White Pepper Production technology	Training and Demonstration
4	KVK kasargod	Vermicompost, Mushroom and value addition	Production technology	Visit and interaction

6. Plan of Work for 2012-13

A. Operational areas details proposed

S. No.	Taluk/ block	Name of cluster villages		Major crops & enterprises being practiced	Major problems identified	Identified thrust areas based on problems	If existing from which year Please state
		Existing	New				
1	Mangalore	Kuppepadavu Eapadavu Tenkamijaru	Belvai Muchur	Paddy, Arecanut, Coconut, Cashew, Pepper, Banana, Jasmine, Bhendi, Cowpea.	Acidic Soil Non-adoption of high yielding Varieties Imbalanced and improper method of Fertilizer application Arecanut Root grub, Koleroga and inflorescence die back disease Coconut Rhinocerous beetle, Mite, Bud rot and stem bleeding disease Pepper Quick wilt. Cashew Tea Mosquito and stem borer Paddy Gall midge, case worm, leaf folder and sheath rot disease Scarcity of labour	✷ Integrated Nutrient management ✷ Method of Soil and water testing ✷ Introduction of high yielding varieties ✷ Reclamation of acidic soil ✷ Organic farming	2009-10
2	Bantwal	cheluru sajipamooda	Bantwal Kasba Polali	Paddy,Arecanut, Coconut,Cashew, Pepper,Banana, Jasmine,Bhendi, Cowpea, watermelon			
3	Belthangady	Nada kajoor	Hosangady	Paddy,Arecanut, Coconut,Pepper, Banana,Jasmine, Vegetables, Blackgram sesamum	• Improper nutrient management • Non adoption of high yielding varieties • Acidic soil • Coconut mite, Bud rot • Nut splitting, Koleroga & Root grub • Lack of knowledge on utilization of Agriculture/Horticulture by products • Lack of knowledge on production of value added products from Agriculture & horticulture produce.	Use of growth regulators Plant protection Measures Employment generation activities	2009-10

					Paddy Gall midge, case worm, leaf folder and sheath rot disease		
4	Puttur	Panaje and Nidpally	-	Paddy,Arecanut, Coconut,Cashew, Rubber,Pepper,Banana, Jasmine, Bhendi	• Imbalanced use of plant nutrients • Non adoption of plant protection • Lack of knowledge on suitable high yielding varieties • Weed management • Soil acidity • Arecanut Root grub, Koleroga and inflorescence die back disease • Cashew Tea Mosquito and stem borer Lack of knowledge on bio-degradation of Areca-husk Composting	Introduction of high yielding varieties Method of Soil and water testing Integrated nutrient management Introduction of Biofertilizers	2009-10
5	Sullia			Arecanut,Coconut, Cashew,Pepper, Rubber,Cocoa, Banana,Cowpea, Bhendi,Jasmine Dairy,Piggery	• Non adoption of high yielding varieties • Imbalanced application of nutrients • Acidic soil • Non use of bio fertilizers • Improper plant protection measures • Arecanut Root grub, Koleroga and inflorescence die back disease • Cashew Tea Mosquito and stem borer • Unhygienic maintenance of Dairy sheds	✶ Organic farming ✶ Reclamation of Acidic soil ✶ Plant protection ✶ Employment generation activities ✶ Dairy shed sanitation Introduction of Fodder Crops	2009-10

B. Prioritized problems and KVK interventions proposed

Crop/ enterprise	Taluk/ block	Prioritized problems	Technological solution	Interventions proposed (please tick)					
				Technology Assessment	Technology Refinement	FLD	Training	Extension programmes	Production of technology inputs
Paddy	Mangalore Bantwal Belthangady	Scarcity of labour lack of proper nutrient management practices seed storage. Acidity of the soil Weed infestation	Mechanisation scientific seed storage scientific crop management Acid soil management Weed management	yes	--	yes	yes	yes	yes
Arecanut	Mangalore Bantwal Belthangady	Improper nutrient management Lack of knowledge on pest and disease management Leaching of nutrient due to heavy rainfall	Integrated Nutrient Management Integrated pest and disease management Potassium Management	yes	--	yes	yes	yes	yes
Black gram	Belthangady	Lack of knowledge on improved varieties and cultivation practices	Production technology	-	-	yes	yes	yes	yes
Seasamum	Belthangady	Lack of knowledge on improved varieties and cultivation practices	Production technology	-	-	yes	yes	yes	yes
Vegetables Ridge gourd Bitter gourd Bhendi	Belthangady	Improper nutrient management Low keeping quality Pest and disease management	Integrated Nutrient Management IPM	yes	-	-	yes	yes	Yes

Banana	Belthangady	Imbalanced Nutrient and pest management	Integrated crop management	-	-	yes	yes	yes	Yes
Cashew	Bantwal	Poor knowledge of cultivation practices Lack of knowledge on value addition products	Integrated pest management in cashew Value addition			yes	yes	yes	Yes
Pepper	Mangalore, Puttur	Lack of knowledge on post harvest technology Lack of knowledge on disease management	IPM in pepper Scientific post harvest technology	-	-	Yes	Yes	Yes	yes
Coconut	Mangalore, Belthangady, Puttur	Lack of knowledge about pest management	IPM in coconut	-	-	Yes	Yes	Yes	yes
Jasmine	Bantwal	Lack of knowledge on integrated crop management practices	integrated crop management	-	-	Yes	Yes	Yes	yes
Cassava	Bantwal	Cultivation of low yielding local verities and poor management	Introduction HYV of cassava	-	-	Yes	Yes	Yes	yes
Fisheries	Mangalore Bantwal Belthangady Puttur	Lack of knowledge on composite fish culture and polyculture of fish and prawn	Polyculture of fish and prawn	-	-	Yes	Yes	Yes	-
		Lack of awareness on culture of desirable fish species and stocking ratio	Polyculture of fish with varied stocking ratio (80:20 pond fish farming)	-	-	Yes	Yes	Yes	-
		Lack of awareness on utilization of WSSV affected shrimp ponds for brackish water fish culture	Culture of sea bass in brackish water ponds	-	-	Yes	Yes	Yes	-
		Lack of awareness on	Utilization of weed infested	-	-	Yes	Yes	Yes	-

		utilization of weed infested tanks for fish culture	form ponds/ tanks for polyculture of fish						
		Utilization of piggery waste for fish culture is not known to the farmers	Integration of fish and pig farming	-	-	Yes	Yes	Yes	-
Poultry	Mangalore Bantwal Belthangady Puttur	Low income from rearing of native foul.	Adoptability of Turkey birds for backyard rearing	Yes	-	-	Yes	Yes	-
Fodder	Mangalore Bantwal Belthangady	Feeding of imbalanced diet	Cultivation of CO-4 fodder	-	-	Yes	Yes	Yes	-
Pepper	Mangalore, Puttur	Lack of knowledge on post harvest technology Lack of knowledge on disease management	IPM in pepper Scientific post harvest technology	-	-	Yes	Yes	Yes	yes
Coconut	Mangalore, Belthangady, Puttur	Lack of knowledge about pest management	IPM in coconut	-	-	Yes	Yes	Yes	yes
Jasmine	Bantwal	Lack of knowledge on integrated crop management practices	integrated crop management	-	-	Yes	Yes	Yes	yes
Cassava	Bantwal	Cultivation of low yielding local verities and poor management	Introduction HYV of cassava	-	-	Yes	Yes	Yes	yes
Fisheries	Mangalore Bantwal Belthangady Puttur	Lack of knowledge on composite fish culture and polyculture of fish and prawn	Polyculture of fish and prawn	-	-	Yes	Yes	Yes	-
		Lack of awareness on culture of desirable fish species and	Polyculture of fish with varied stocking ratio (80:20	Yes	-	Yes	Yes	Yes	-

		stocking ratio	pond fish farming)						
		Lack of awareness on culture of catfish in polyculture based system	Culture of cat fish with carp under growout polyculture farming system	-	-	Yes	Yes	Yes	-
		Lack of awareness on utilization of WSSV affected shrimp ponds for brackish water fish culture	Culture of sea bass in brackish water ponds	-	-	Yes	Yes	Yes	-
		Lack of awareness on utilization of weed infested tanks for fish culture	Utilization of weed infested form ponds/ tanks for polyculture of fish	-	-	Yes	Yes	Yes	-
		Lack of awareness on culture of fast growing *Pungasius* utilizing shallow farm ponds/irrigation tanks	Culture of *Pungassius* in farm ponds/ irrigation tanks	-	-	Yes	Yes	Yes	-

		Utilization of piggery waste for fish culture is not known to the farmers	Integration of fish and pig farming	-	-	Yes	Yes	Yes	-
Poultry	Mangalore Bantwal Belthangady Puttur	Low income from rearing of native foul.	Adoptability of Turkey birds for backyard rearing	-	-	-	Yes	Yes	-
Fodder	Mangalore Bantwal Belthangady	Feeding of imbalance diet	Cultivation of CO-4 fodder	-	-	Yes	Yes	Yes	-

Details of technological interventions

A. Technology Assessment (OFT)

S.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technological options	Source	No. of trials	Details of inputs	Total cost involved (Rs.)	Names of the team members involved
1	Bhendi	Improper management of pest results in yield loss	Management of yellow vein mosaic in bhendi	Spraying of Imidacloprid 17.8 SL @ 0.5 ml/lit.	UAS(B)	10	Imidacloprid 17.8 SL	1000.00	Mr. Prabhakar Mr. Shashikanth
				Sanitation Seed treatment with Imidacloprid 60 FS @ 5 ml/kg of seed. Spraying of Imidacloprid 17.8 SL @ 0.5 ml/lit	UAS(D)		Imidacloprid 60 FS	500.00	
							Imidacloprid 17.8 SL	1000.00	
							Total	**2500.00**	

2	Arecanut	Potassium leaching losses	Split application of potassium	FYM-10kg, NPK-15:15:15 = 1kg per plant /year		--			Kum. Punitha. B.C Harish Shenoy Shashikanth
				FYM-20kg NPK=150:60:210 g/plant for improved varieties NPK=100:40:140 g/plant for local varieties	UAS(B)	10	NPK fertilizers	9576.00	
				FYM-20kg NPK=150:60:230 g/plant for improved varieties NPK=120:40:160 g/plant for local varieties. Potash applied in three splits based on soil test values at January-February, May-June and Sept. -Oct.	UAS(D)		NPK Fertilizers	10183.00	
							Total	**19759.00**	
3	Ridge gourd	Imbalanced nutrient application	Inegrated nutrient management in Ridgegourd	Farmer's Practice Application of DAP 100kg/ha at the time of sowing and 50 kg urea after 35 days					
				NPK 50:50:0 kg/ha in 2 splits+FYM 25 t/ha	UAS(B)	10	Urea:110kg@ 6/kg Rock phosphate 250kg@5.8/kg	660.00 1450.00	Mr. Shashikanth Mr. Prabhakar. A
				NPK 75:25:25 kg/ha in 2 splits+FYM 25 t/ha	RARS Pilicode, Kasargod		Urea:150kg@ 6/kg Rock phosphate150kg@5.8/kg MOP50kg@12/kg	900.00 870.00 600.00	
							Total	**4480.00**	

4	Bitter gourd	Imbalanced nutrient application	Integrated nutrient management in Bittergourd	Farmer's Practice Application of DAP 100kg/ha at the time of sowing and 50 kg urea after 35 days					
				NPK 63:50:0 kg/ha in 2 splits+FYM 25 t/ha	UAS(B)	10	Urea:138 kg @ 6/kg Rock phosphate250 kg@5.8/kg	828.00 1450.00	Mr. Shashikanth Mr. Prabhakar. A
				NPK 75:25:25 kg/ha in 2 splits+FYM 25 t/ha	RARS Pilicode, Kasargod		Urea:150kg@ 6/kg Rock phosphate150kg@5.8/kg MOP50kg@12/kg	900.00 870.00 600.00	
							Total	**4648.00**	
5	Banana	Leaching loss of nutrients due to heavy rain and light texture soils	Banana bunch feeding with cow dung slurry and nutrient mixtures	FYM-10KG,NPK-15:15:15= 1 kg/plant/ year		10			Kum. Punitha. B.C Kum. Shweta. B.K Mr. Shashikanth
				FYM-10KG,NPK-15:15:15= 200:100:300 g/plant	(UAS,B)		NPK	3300	
				FYM-20KG,NPK-15:15:15= 200:100:300 g/plant (UAS,B) + [1/2 kg cowdung slurry + 7.5 gm urea + 7.5 gm SOP per bunch]	(IIHR, Bangalore)		NPK	3700	
				Value addition	FSCM	10	Oil, salt, pepper	1500	
							Total	**8500.00**	

B. Technology Refinement – Nil-

S.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technological options	Source	No. of trials	Details of inputs	Total cost involved (Rs.)	Names of the team members involved

C. Frontline Demonstrations

Sl. No.	Category/ Crop or enterprise	Prioritized problem	Title of Technology	Source	No. of Demo	Area (ha)/ Units	Details of critical inputs	Total cost involved (Rs.)	Names of the team members involved
A	**CEREALS & MILLETS**								
1	Paddy	Lack of knowledge on storage methods	Storage of paddy for seed purpose using metal bins	UAS(B)	10	-	Metal bin-10	**5000.00**	Kum. Shweta AshokKumar Bennur
2	Paddy	Improper crop management	Integrated crop management in paddy(With special focus to STCR concept)	UAS(B)	12	5 ha.	Urea- 687.5 Kg. Rock phosphate-750 kg MOP-500Kg Chemicals **TOTAL**	4125.00 4350.00 6000.00 3000.00 **17475.00**	Ms. Punitha Shri. Harish shenoy Prabhakar A
3	Paddy	Scarcity of farm labour	Mechanisation in paddy cultivation	UAS(B)	20	8.0	Transplanter hiring charges	**50000/-**	Shri. Harish Shenoy Mr.Ashokkumar Bennur Dr. H. Hanumanthappa
4	Paddy	Water Management	SRI method of paddy cultivation	UAS(B)	12	5.0	Urea Rock phosphate Muriate of potash PP chemicals	**16750/-**	Shri. Harish Shenoy Mr. Prabhakar A Dr. H. Hanumanthappa
5	Paddy	Acid Soil Management	Acid Soil Management in paddy	UAS(B)	10	4.0	Lime	**20000.00**	Kum. Punitha B.C Shri. Harish Shenoy
B	**OILSEEDS**								
6	Seasamum	Production Technology of seasamum	Integrated crop management in seasamum	UAS(B)	12	5 ha.	Urea- 415 Kg. Rock phosphate-600 Kg. MOP-200Kg	2490 3240 2400	Mr. Ashokkumar Bennur Shri. Harish Shenoy
							Total	**8130.00**	
C	**Pulses**								

7	Blackgram	Production Technology of Blackgram	Integrated crop management in Blackgram	UAS(B)	12	5 ha.	Urea- 275 Kg.	1650	Mr. Ashokkumar Bennur Shri. Harish Shenoy
							Rock phosphate-1250 Kg.	6750	
							MOP-200 Kg	2400	
							Rhizobium-2.5Kg.	125	
							Total Rs.	**10925.00**	
D	**COTTON**								
E	**OTHER COMMERICAL CROPS**								
F	**HORTICULTURAL CROPS**								
8	Black pepper	Lack of awareness on improved method of drying of pepper	Processing of pepper using solarization technique	UAS , Dharwad	10	Drying in open condition	LDPE Polythene Sheet	5000.00	Kum. Shweta Shri. Shashikantha. Kattimani.
							Total	**5000.00**	
9	Black pepper	Quick wilt disease	Disease management	UAS (B)	10	04	Trichoderma –25 kg	10000.00	Mr. Prabhakar.A Shri. Shashikantha. Kattimani
							Lime – 5kg	480.00	
							Copper Sulphate – 5kg.	6400.00	
							pH paper	100.0	
							Total	**16980.00**	
10	Arecanut	Improper Nutrient Management	Integrated Nutrient management in Arecanut	UAS (B)	10	1.0	Urea:150@6/kg	900.00	kum. Punitha B.C. Shri. Shashikantha. Kattimani
							Rock phosphate 100kg@5.8/kg	580.00	
							Murate of Potash 150kg@12	1800.00	
							Lime 165Kg. @ Rs. 10/kg	1650.00	
							Boron 30 kg@110/kg.	3300.00	
							Total	**20575.00**	

11	Arecanut	Koleroga Disease	Disease management	UAS (B)	10	4	Copper Sulphate 20 kg	12800.00	Mr. Prabhakar.A Shri. Shashikantha. Kattimani
							Lime 20 kg.	960.00	
							PH paper	100.00	
							Total	**13860.00**	
12	Arecanut	Root grubs	IPM in Arecanut	UAS (B)	10	4	Imidacloprid 17.8 SL : 2 ltr.	16000.00	Mr. Prabhakar.A Shri. Shashikantha. Kattimani
13	Arecanut	Dieback disease	Disease management	CPCRI Kasaragod	10	4	Zineb 5.5kg/ha.	8800.00	Mr. Prabhakar.A Shri. Shashikantha. Kattimani
							Dimethoate 3 ltrs/ha.	3960.00	
							Total	**12760.00**	
14	Coconut	Rhinocerous beetle	Pest management	UAS (B)	10	4	Chloropyriphos 20 EC, 0.5 ltrs/ha	640.00	Mr. Prabhakar.A Shri. Shashikantha. Kattimani
							Bucket traps 4/ha	3200.00	
							Total	**3840.00**	
15	Cashew	Tea mosquito bug	Pest management	UAS (B)	10	5	Monocrotophos 36SL 900ml./ ha	2000.00	Mr. Prabhakar.A Shri. Shashikantha. Kattimani
							Lambdacyhalothrin 5EC 600 ml/ha	2400.00	
							Carbaryl 50 WP 2.5 kg/ha	6000.00	
							Total	**10400.00**	

16	Banana	Poor crop management Practices	Integrated crop management in Banana	UAS (B)	5	1.0	Urea:315@6/kg	1890.00	Mr. Shashikanth Shri. Shashikantha. Kattimani
							Rock phosphate 340kg@5.8/kg	1972.00	
							Murate of Potash 300kg@12	3600.00	
							Chloropyriphos 5lit@290/lit	1450.00	
							Banana special 5kg@200/kg	1000.00	
								9912.00	
17	Jasmine	Lack of knowledge on ICM technologies in jasmine	Integrated crop management in Jasmine	UAS (B)	10	0.4 ha	Urea:200kg/acre @ 6/kg	1200.00	Mr. Shashikanth Mr. Prabhakar.A kum. Punitha B.C.
							Rock phosphate 650kg@5.8/kg	3770.00	
							Murate of Potash 250kg@12	3000.00	
							Monocrotophos 1.5lit@460/lit	690.00	
							Carbendizim 3.5kg@800/kg	2800.00	
							Total	**11460.00**	
18	Cassava	Cultivation of local varieties	Cultivation of high yielding variety of cassava	UAS (B)	05	0.1ha	Stem cuttings 1000/0.1 ha@5	**4000.00**	
G	**LIVESTOCK/ FISHEIRES**								
19	Fisheries	Lack of knowledge on polyculture of fish and prawn	Polyculture of fish along with prawn	KVAFSU, Bidar	04	0.4	Fish seed (500)	2000.00	Dr. Rajesh K.M. Dr. H. Hanumanthappa
							Prawn seed: (1000)	8000.00	
							Ground nut oil cake (25 Kg @ Rs. 35/kg)	3500.00	
							Rice bran (25 Kg @ Rs. 15/kg)	1500.00	
							Total	**15000.00**	

20	Fisheries	Lack of awareness on stocking of desirable fish species	Polyculture of fish with desirable fish species (80:20 pond fish farming)	American Soyabean Association	05	0.5	Fish seed: 1000	5000.00	Dr. Rajesh K.M. Dr. H. Hanumanthappa
							Ground nut oil cake (25 Kg @ Rs. 35/kg)	3500.00	
							Rice bran (25 Kg @ Rs. 15/kg)	1500.00	
							Total	**10,000.00**	
21	Fisheries	Lack of awareness on utilization of weed infested tanks for fish culture	Utilization of weed infested farm Ponds/Tanks for polyculture of fish	KVAFSU, Bidar	04	0.4	Fish seed: 1000	5000.00	Dr. Rajesh K.M. Dr. H. Hanumanthappa
							Ground nut oil cake (25 Kg @ Rs. 35/kg)	3500.00	
							Rice bran (25 Kg @ Rs. 15/kg)	1500.00	
							Total	**10000.00**	
22	Fisheries	Non utilization of brackish water Shrimp ponds for shrimp culture due to white spot syndrome virus (WSSV)	Culture of Sea bass (*Lates calcarifer)* in brackish water ponds	CMFRI	2	0.2 ha.	Fish seed: (1000/person)	**20000.00**	Dr. Rajesh K.M. Dr. H. Hanumanthappa
23	Fisheries	Utilization of piggery waste to fish culture is not known to the farmers.	Integration of fish and pig farming	KVAFSU, Bidar	03	0.3	Fish seed: 1000	3000	Dr. Rajesh K.M. Dr. H. Hanumanthappa
							Piglets: 3	18000	
							Total	**21000.00**	
24	Poultry	Lack of awareness on backyard rearing of turkey birds	Adoptability of turkey birds in backyard rearing of turkey	KVAFSU, Bidar	10	10	Turkey chicks (100 chicks)	60000	Dr. Rajesh K.M. Dr. H. Hanumanthappa
							Feed, Vaccines and medicines	6000	
							Total	**12000.00**	
25	Fodder	Feeding of imbalanced diet	Cultivation of COFS-29 and Co-4 fodder	UAS (B)	10	01	Seeds and Fodder slips (Cuttings)	**10000.00**	Dr. Rajesh K.M. Shri. Harish Shenoy Dr. H. Hanumanthappa
H	**OTHER ENTERPRISES**								

D. Trainings

i) Farmers/ Farm Women

S.No.	Crop / Enterprise	Major problem	Linked field intervention (Assessment/ Refinement/FLD)*	Training Course Title**	No. of Courses	Names of the team members involved
1	Paddy	Lack of Awareness on scientific paddy cultivation practices	ICM in paddy	Nutrient Management in paddy	02	Kum. Punitha B. C. Shri. Harish Shenoy
2		Lack of proper water management practices	SRI method of paddy cultivation	Water management in paddy	02	Shri. Harish Shenoy
3		Scarcity of Farm Labour	Mechanical paddy cultivation	Method demonstration of dapog Nursery preparation	05	Shri. Harish Shenoy
4		Pests and Diseases	ICM in paddy	IPM methods	02	Shri. Harish Shenoy Mr. Prabhakar. A
5	Banana	Improper nutrients and pest management	ICM in Banana	Integrated crop management in Banana	03	Mr.Shashikanth Mr.A.Prabhakar Kum. Punitha B. C.
6	Jasmine	Improper nutrients and pest management	ICM in Jasmine	Integrated crop management in Jasmine	03	Mr.Shashikanth Mr.A.Prabhakar Kum. Punitha B. C.
7	Cassava	Lack of awareness on improved method of cultivation practices of cassava variety	Introduction of local variety (Sree Vijay)	Cultivation of high yielding variety of cassava	02	Mr.Shashikanth Mr.A Prabhakar Kum. Punitha B. C.
8	Ridge gourd	Imbalance nutrient application	INM in Ridge gourd	Integrated nutrient management in Ridge gourd	04	Mr.Shashikanth Mr.A Prabhakar Kum. Punitha B. C.
9	Bitter gourd	Imbalance nutrient application	INM in Bitter gourd	Integrated nutrient management in Biter gourd	04	Mr.Shashikanth Mr.A Prabhakar Kum. Punitha B. C.
10	Fisheries	Lack of knowledge on composite fish culture and polyculture of fish and prawn	Polyculture of fish and prawn	Polyculture of fish and prawn	2	Dr. Rajesh K.M. Dr. H. Hanumanthappa
		Lack of awareness on culture of desirable fish species and stocking ratio	Polyculture of fish with varied stocking ratio (80:20 pond fish farming)	Recent advances in polycuture of fish	2	Dr. Rajesh K.M. Dr. H. Hanumanthappa
		Lack of awareness on culture of catfish in polyculture based system	Culture of cat fish with carp under growout polyculture farming system	Culture of cat fish with carp under growout polyculture farming system	1	Dr. Rajesh K.M. Dr. H. Hanumanthappa

		Lack of awareness on utilization of WSSV affected shrimp ponds for brackish water fish culture	Culture of sea bass in brackish water ponds	Culture of sea bass in brackish water ponds	1	Dr. Rajesh K.M. Dr. H. Hanumanthappa
		Lack of awareness on utilization of weed infested tanks for fish culture	Utilization of weed infested farm ponds/ tanks for polyculture of fish	Utilization of weed infested farm ponds/ tanks for polyculture of fish	1	Dr. Rajesh K.M. Dr. H. Hanumanthappa
		Lack of awareness on culture of fast growing pungasius utilizing shallow farm ponds/irrigation tanks	Culture of *Pungassius* in farm ponds/ irrigation tanks	Culture of *Pungassius*	2	Dr. Rajesh K.M. Dr. H. Hanumanthappa
		Utilization of piggery waste for fish culture is not known to the farmers	Integration of fish and pig farming	Integrated fish farming	2	Dr. Rajesh K.M. Dr. H. Hanumanthappa
11	Poultry	Low income from rearing of native foul.	Adoptability of Turkey birds for backyard rearing	Rearing of Turkey birds in backyard	2	Dr. Rajesh K.M. Dr. H. Hanumanthappa
12	Fodder	Feeding of imbalance diet	Cultivation of CO-4 fodder	Cultivation of CO-4 fodder	1	Dr. Rajesh K.M. Dr. H. Hanumanthappa Shri. Harish Shenoy

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

ii) Rural Youth

S.No.	Crop / Enterprise	Major problem	Linked field intervention (Assessment/ Refinement/FLD)*	Training Course Title**	No. of Courses	Names of the team members involved
1	Organic farming	lack of awareness on recycling of organic wastes	--	vermicompost production technology	02	Kum. Punitha B. C. Shri. Harish Shenoy Dr. H. Hanumanthappa
2	Nutrient Management	lack of awareness on soil test	-	Importance of soil test and soil sample collection method demonstration	02	Kum. Punitha B. C. Shri. Harish Shenoy Dr. H. Hanumanthappa
3	Fisheries	Lack of knowledge on aquarium fabrication and breeding of ornamental fish	-	Aquarium fabrication and breeding of ornamental fish	04	Dr. Rajesh K.M. Dr. H. Hanumanthappa
4	Fisheries	Lack of awareness on utilization of animal waste for fish culture	Integrated pig and fish farming	Integrated fish farming	02	Dr. Rajesh K.M. Dr. H. Hanumanthappa
5	Horticulture	lack of awareness on mushroom	-	Mushroom cultivation practices	02	Mr..Shashikanth Mr.Prabhakar.A
6	Horticulture	Lack of knowledge of vegetable	-	Vegetable cultivation	02	Mr.Shashikanth Mr.Prabhakar.A

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

iii) Extension Personnel

S.No.	Crop / Enterprise	Major problem	Linked field intervention (Assessment/ Refinement/FLD)*	Training Course Title**	No. of Courses	Names of the team members involved
1	Paddy	Scarcity of Labour for farm operations	Mechanisation in paddy	Use of machines in paddy cultivation	01	Shri. Harish Shenoy Dr. H. Hanumanthappa Mr. Ashokkumar Bennur
2	Home science	Lack of knowledge of milk and milk products	-	Training programme on milk and milk products	01	Kum. Shweta. K Mr. Ashok kumar Bennur
3	Horticulture	Poor crop management practices	-	Integrated crop management in Horticultural crops	01	Mr.Shashikanth Mr.Prabhakar.A
4	Horticulture	Lack of knowledge Propagation technique	-	Recent advances in Horticultural crops	01	Mr.Shashikanth Mr.Prabhakar.A

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

iv) Vocational trainings

Crop / Enterprise	Training title*	No. of programmes and Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Names of the team members involved
IFS	Integrated farming Systems	2(10 days)	SHGs/Youths	Shri. Harish Shenoy Dr. H. Hanumanthappa
Agriculture	Nutrition garden	2(10days)	Anganavadi schools	Shri. Harish Shenoy Dr. H. Hanumanthappa
Horticulture	Kitchen garden/Terrace garden	1(07days)	Urban women	Shri.Shashikanth Shri. Harish Shenoy Dr. H. Hanumanthappa
Nursery Management	Plant Propagation Techniques	1(3 days)	SHGs/Youths/students	Shri. Shashikanth Shri. Harish Shenoy Dr. H. Hanumanthappa
Organic farming	Recent Advances in compost making	1(3 days)	SHGs/Youths/students	Shri. Harish Shenoy Kum Punitha B C

* Training title should specify the major technology/skill to be transferred.

v) Sponsored trainings

Crop/ Enterprise	Sponsoring Organization	Training course title*	No. of Courses	Names of the team members involved
-	-	-	-	-
-	--	-	-	-

* Programme title should specify the major technologies/skills to be transferred /refreshed.

E. Extension programmes

Month	Extension programme*	Linked field intervention**	Expected category of participants	Names of the team members involved
April/May	Bi-monthly Workshop Radio talk Soil test campaigns	Trainings	Farmers/ Farm Women/ Urban youth	Dr. H.Hanumanthappa Dr. Rajesh K.M. Mr. Shashikanth Mr. Ashokkumar Bennur Mr. Prabhakar.A Ms. Shweta. B.K Ms. Punitha B.C. Shri. Harish Shenoy
	Method Demonstration Field Visits Jackfruit Mela Farmer scientist interaction	Trainings, Seminars	Farmers/ farm Women	-do-
June/July	Method Demonstration Field Visits Campaigns Seminars Trainings Bi- Monthly Workshop	World Environment day FLD/OFT Training Programmes	School children and college students FLD/OFT Training Programmes Extension personnel	-do-

August September	Method Demonstration Field Visits Campaigns Trainings	FLD/OFT Training Programmes	Farmers/ farm Women FLD/OFT Training Programmes	-do-
October	Method Demonstration Field Visits Campaigns Seminars Trainings Krishi Melas Bi- Monthly Workshop Field days	FLD/OFT World Food Day Training Programmes	FLD/OFT Training Programmes Farmers/ farm Women	-do-
Nov-Dec	Field days Field Visits Exhibitions KrishiMelas	Farmer Day Women In agriculture Day Training Programmes	Farmers/ farm Women	-do-
Jan,Feb, March	Field Visits Seminars Trainings Field days Bi- Monthly Workshop	National Science Day Training Programmes	Farmers/ farm Women	-do-

** Field day, farmers conventions, group meetings, seminars, Krishi Mela, farmers tours, field visits, method demonstrations, exhibitions, campaign, others (please specify). Seminars on capacity building of farmers on issues related to WTO, Agricultural Marketing, Agri-business Management shall be emphasized.*

*** Specify the FLD/Technology Assessment/Refinement/training programmes/important occasions, under which the extension activity is to be conducted.*

8. Activities proposed as Knowledge and Resource Centre

A. Technological knowledge

Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
Technology Park/ Crop cafeteria	Paddy seed production Paddy production technology Vegetables, Pulses	01 ha	Dr. H . Hanumanthappa Harish Shenoy Sujatha Bhat
Demonstration Units	Fodder Bank Vermicompost Minor millet bank, Dairy unit, Piggery unit, vegetable garden	01ha	All Scientists
Lab Analytical services	Soil and Water Analysis	2100	Kum. Punitha Harish Shenoy
Technology Week	Exhibition /Seminars/Demonstration units/Recent advances in Agriculture, Horiculture, Fisheries and Animal Husbandry	05 days	All Scientists

B. Technological Products

Category	Name of the product	Quantity (Qtl.)/ Number	Names of the team members involved
Seeds	MO4 paddy seeds	50 Qtl.	Dr. H.Hanumanthappa, Ms. Punitha B.C. Shri. Harish Shenoy, Mr. Prabhakar.A
Planting materials	Jasmine seedlings	5000 plants	Mr. Shashikanth, Mr. Prabhakar
Bio-products	Trichoderma	100 Kgs	Ms. Ganavi M.B., Mr. Prabhakar
Production Verms (Earth verms)	Vermi compost/Verms	3000 kgs/ 30 kgs	Mr. Prabhakar, Ms. Punitha B.C.
Livestock strains	Swarnadhar Poultry birds/ piglets	2000 birds, 25 Piglets	Dr. Rajesh KM, Dr. H.Hanumanthappa,
Fish fingerlings	Fish seeds	10000	Dr. Rajesh KM, Dr. H.Hanumanthappa,

C. Technological Information

Category	Technological capsules / Number	Names of the team members involved
Technology backstopping to line departments		
Agriculture	Technical input to Bi-monthly Meeting Resource persons during training organized by KSDA Diagnostic visit to problematic fields Technical Backstopping to Bhoo chetana/ ATMA/ Rabi Campaigns	PC and All SMS
Horticulture	Resource persons during training organized by KSDA Diagnostic visit to problematic fields Exhibitions	Mr. Shashikanth Mr. Ashokkumar Bennur
Animal Husbandry	-	-
Fisheries	Technical input to Bi-monthly Meeting Resource persons during training organized by Developmental Dept./NGO's/Institutional organization Diagnostic visit to problematic fields	Dr. Rajesh KM, Dr. H.Hanumanthappa,
Agricultural Engineering	-	--
Sericulture	--	---
Literature/publication	1. Extension bulletin on IPM in , paddy arecanut and vegetables jasmine 2 Leaflet on Activities of KVK' 3 Publication of Success Stories	All Scientists
Electronic Media	Radio talks and TV programmes	All Scientists
Kisan Mobile Advisory Services	Pest and disease precautionary measures by SMSs	Mr. Ashokkumar Bennur, Shri. Harish Shenoy
Information on centre/state sector schemes and service providers in the district.	Data may be collected from different agencies. Also indicate time of completion. October-2012	Mr. Ashokkumar Bennur, Shri. Harish Shenoy

9. ADDITIONAL ACTIVITIES PLANNED

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	-	-	-	-	-

10. Revolving Fund

A. Financial status (Up to 31-01-2012)

Opening balance as on 01.04.2011 (Rs.in Lakh)	Expenditure incurred during 2011-12 (Rs.in Lakh)	Receipts during 2011-12 (Rs.in Lakh)	Closing balance as on 31.01.2012 (Rs.in Lakh)
ICAR			
0.92201	2.02930	1.20141	0.09412
KVAFSU			
1.05075	3.23507	2.96629	0.78197

B. Plan of activities

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
1	Paddy seed production	50 Qtl.	40000/-	Dr. H. Hanumanthappa, Ms. Punitha B.C., Shri. Harish Shenoy,
2.	Poultry rearing	1000 Kgs.	80000/-	Dr. Rajesh K.M., Dr. H. Hanumanthappa,

11. Activities of soil, water and plant testing laboratory

Type	No. of samples to be analyzed	Names of the team members involved
Soil	1000	Kum Punitha & Harish Shenoy
Water	1000	Kum Punitha & Harish Shenoy
Plant	100	Kum Punitha & Mr. Prabhakar
Others	--	

12. E-linkage

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
1	Creation of web-site	In progress	Full pledged KVK website will be developed as early as possible
2	Title of the technology module to be prepared	-	Need based technology suitable for the region will be developed as early as possible
3	Creation and maintenance of relevant database system for KVK	Preparation of ground work for maintaining data base system at KVK is already initiated.	Data base will be uploaded after creation of website
4	Any other (Please specify)	-	-

13. Activities planned under Rainwater Harvesting Scheme (only to those KVKs which are already having scheme under Rain Water Harvesting) –Not applicable

S. No	Activities planned	Remarks if any
-	-	-
-	-	-

14. Innovative Farmer's Meet

Particulars	Details
Are you planning for conducing Farm Innovators meet in your district?	Yes
If Yes likely month of the meet	November-2012
Brief action plan in this regard	Information about farm innovators who have developed cost effective farmer friendly technologies will be gathered through line departments, NGOs and mass media. Farmer innovators interaction meet with progressive farmers and line department officials will be organized in collaboration with NITK-Surathkal

15. Farmer's Field School planned

Sl. No	Particulars	Title of the FFS	Budget proposed in Rs.
1	Fish seed	-	4500.00
2	Feed & Fertilizer	-	6000.00
3	Training/ Demonstration, for 20 participants for 6 sessions-Refreshments	-	8000.00
4	FFS kit @ Rs. 200/-per kit for 20 participants	-	4000.00
5	Contingency (Training materials)	-	4000.00
7	Field day		3500.00
	Total		**30000.00**

16. Integrated Farming System (IFS) for five units

Sl. No	Particulars	Budget proposed per unit in Rs.	Total Budget proposed in Rs.
1	Fish fingerlings in 10 cents (500 no.)	500.00	2500.00
2	Back yard poultry birds (25 no.)	2000.00	10000.00
3	Mineral mixture to enhance milk yield	300.00	1500.00
4	Fodder slips in 20 cents (1000 no.)	2000.00	10000.00
5	Vegetable special/ Banana special	500.00	2500.00
6	Bio-fertilizers (Rhizobium/ Trichoderma)	300.00	1500.00
7	Micronutrients (Zinc, Boron)	500.00	2500.00
8	Supply of deficient nutrients and lime by soil testing	1500.00	7500.00
9	Introduction of vegetable seeds (HYV) of Bhendi / Lentils / Ridge gourd/ Spinach/ Cucumber/ Ash gourd	500.00	2500.00
10	Introduction of Pulses/ Oil seeds (HYV) in paddy fallows	600.00	3000.00
11	Introduction of Pepper/Papaya/ Drumstick seedlings (50 no.)	1000.00	5000.00
12	Use of Eco-friendly Pheromone traps (2 no.)	500.00	2500.00
13	Bee Colony	1700.00	8500.00
14	IPDM in farm practices	600.00	3000.00
15	Jasmine seedlings	1800.00	9000.00
16	Introduction of Green manuring crops/ Supply of Verms	500.00	3500.00
	Total	**15000.00**	**75000.00**

16. Budget

A. Details of budget utilization (2011-12) upto 31 January 2012

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	3300000	3300000	3142266
2	**Traveling allowances**	100000	100000	98000
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	170000	170000	170000
B	POL, repair of vehicles, tractor and equipments	130000	130000	130000
C	Meals/refreshment for trainees	75000	75000	75000
D	Training material	30000	30000	30000
E	Front line demonstration except oilseeds and pulses	250000	250000	219130
F	On farm testing	55000	55000	53393
G	Training of extension functionaries	250000	250000	6382
H	Maintenance of buildings	15000	15000	-
I	Establishment of Soil, Plant & Water Testing Laboratory			-
J	Library	5000	5000	5000
K	Extension activities	20000	20000	20000
L	Farmers Field School	25000	25000	5466
i	Electricity Charges	130000	130000	33507
TOTAL (A)		**4330000**	**4330000**	**3988144**
B. Non-Recurring Contingencies				
1	**Works**	-	-	-
2	**Equipments including SWTL & Furniture**	-	-	-
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	-	-	-
4	**Library**	-	-	-
TOTAL (B)		**-**	**-**	**-**
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		**4330000**	**4330000**	**3988144**

B. Details of Budget Estimate (2012-13) based on proposed action plan

S.No.	Particulars	BE 2012-13 proposed
A. Recurring Contingencies		
1	**Pay & Allowances**	6250000
2	**Traveling allowances**	180000
3	**Contingencies**	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	360000
B	POL, repair of vehicles, tractor and equipments	240000
C	Meals/refreshment for trainees (ceiling upto Rs.75/day/trainee be maintained)	100000
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	36000
E	Front line demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	335067
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	39887
G	Training of extension functionaries	30000
H	Maintenance of buildings	100000
I	Establishment of Soil, Plant & Water Testing Laboratory	0
J	Library	25000
K	IFS – Integrated farming systems	75000
L	FFS- Farmers field school	30000
	TOTAL (A)	**7800954**
B. Non-Recurring Contingencies		
1	**Works-** Construction of compound wall	10,00,000
	Fish seed production Unit- Hatchery, Nursery, rearing and Brood stock management pond & accessories	20,00,000
2	**Equipments including SWTL & Furniture**	0
3	**Vehicle** (Four wheeler/Two wheeler, please specify)- Bolero Jeep Bus for farmers training and field visits	9,00,000 11,00,000

4	**Library** (Purchase of assets like books & journals) Furniture for KVK Office Cots, Furniture & Beds for formers hostel	4,00,000 4,00,000
	TOTAL (B)	**58,00,000**
C. REVOLVING FUND		**0**
	GRAND TOTAL (A+B+C)	**1,36,00,954**