TAMILNADU AGRICULTURAL UNIVERSITY

ACTION PLAN OF KVK VIRUDHUNAGAR 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 Kovilangulam, Aruppukottai – 626107 Virudhunagar Dt. Tamil Nadu Ph. No. 04566-220561 Fax. No. 04566-220561 Email**:** kvkvirudhunagar@tnau.ac.in Website: http://www.kvkvnr.org
2.	Name and address of host organization	:	Tamil Nadu Agricultural University Coimbatore – 641 003. Fax. No. 0422-6611433 dee@tnau.ac.in
3.	Year of sanction	:	2006
4.	Name of agro-climatic zone	:	Southern Zone
5.	Major farming systems/enterprises	:	**Rainfed Vertisol** Rainfed Cotton + Pulses – fallow Rainfed sorghum + Cowpea – fallow Rainfed Pulses – fallow Rainfed sunflower – fallow Rainfed maize/Pearl millet – fallow Rainfed Coriander +Bengal gram **Rainfed Alfisol** Rainfed Groundnut + Redgram –fallow Rainfed sorghum + Cowpea – fallow **Rainfed tank ayacut** Rice – fallow **Gardenlands** Pulses – Rice/Cotton – Vegetables
6.	Soil type	:	Vertisol & Alfisol **Vertisol** Soil pH : 8.1 to 8.6 Soil EC: < 3.0 **Alfisol** Soil pH : 7.0 to 8.0 Soil EC : < 1.0
7.	Annual rainfall (mm)	:	Total rainfall (Normal) - 811.7 mm Summer - 164.3 mm South west monsoon - 169.7mm North East monsoon - 431.8mm Winter - 45.9 mm

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.V.K Paulpandi	Agronomy	37400 + 67000	9000	01.06.11	Permanent	-
2.	Subject Matter Specialist	Th.M.Rajendran	Entomology	37400 + 67000	9000	07.05.08	Permanent	-
3.	Subject Matter Specialist	Dr. D. Jegadeeswari	Soil Science	15600 + 39100	7000	17.05.06	Permanent	-
4.	Subject Matter Specialist	Th.K.Ramakrishnan	Extension	15600 + 39100	6000	19.04.10	Permanent	-
5.	Subject Matter Specialist	Dr. R.Jayashree	ENS	15600 + 39100	6000	30.12.09	Permanent	-
6.	Subject Matter Specialist	Dr.S.Rathika	Agronomy	15600 + 39100	6000	30.12.09	Permanent	-
7.	Subject Matter Specialist	Dr.S.Muthuramu	PB&G	15600 + 39100	6000	13.01.10	Permanent	-
8.	Programme Assistant	Tmt.M.Kavitha	Home Science	9300 + 34800	4400	24.02.11	Permanent	-
9.	Computer Programmer	Tmt.N.Ramya	Computer Science	9300 + 34800	4400	04.12.08	Permanent	-
10.	Farm Manager	Th.R. Karthik	Horticulture	9300 + 34800	4400	22.09.10	Permanent	-
11.	Accountant/ Superintendent	Tmt.S.Dhanaletchumi	-	9300 + 34800	4800	09.05.06	Permanent	-
12.	Stenographer	Th. A. Mohammed Kasin	-	9300 + 34800	4800	23.02.06	Permanent	-
13.	Driver 1	Th.M.Gurumoorthy	-	5200 + 20200	2000	03.07.07	Permanent	-
14.	Driver 2	Th. S. Jawahar	-	5200 + 20200	2400	10.05.06	Permanent	-
15.	Supporting staff 1	Th. N. Sakthivel	-	5200 + 20200	1800	23.02.06	Permanent	-
16.	Supporting staff 2	Tmt. V. Krishnaveni	-	5200 + 20200	1300	23.02.06	Permanent	-

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	To be conducted in March'12			November'12

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	Rainfed Agriculture	CRIDA, Hyderabad	Essential to formulate the activities in the rainfed area.	-Nil-
2.	SMS1 (Entomology)	Recent advances in pest and disease control	TNAU, Coimbatore	Useful to train the farmers in the pest and disease control	-Nil-
3.	SMS2 (Soil science)	Crop Simulation models & Nutrient management	CRIDA, Hyderabad	Modeling helps to revalidate the existing recommendation at block level or specific regions	Seminar on Women in agricultural development challenges and opportunities at TNAU, Coimbatore
4.	SMS3 (Extension)	Advances in handling of extension tools	MANAGE, Hyderabad	Useful in extension programme	Workshop on Research paper writing at TNAU, Coimbatore
5	SMS4 (ENS)	Modeling in Climatology, hydrology and GIS	CRIDA, Hyderabad	Prediction of weather is essential to give forecast to the farming community	1.Seminar on Women in agricultural development challenges and opportunities at TNAU, Coimbatore 2.Seminar on Environmental challeneges in future at Gandhigram Rural University, Gandhigram.

6	SMS5 (Agronomy)	Modeling in Climatology and GIS	CRIDA, Hyderabad	Knowledge on climatology is very much useful in prediction of weather	1.Seminar on Women in agricultural development challenges and opportunities at TNAU, Coimbatore 2. Silpaulin Vermibag method of vermicompost production techniques at TNAU, Coimbatore 3. e-Velanmai Workshop at TNAU, Coimbatore.
7	SMS6 (PB&G)	Workshop on Intellectual Property Rights	NAARM, Hyderabad	Technology licensing in Agriculture is very much essential	-Nil-
8	Lab Technician				
9	Computer Programmer				
10	Farm Manager				
11	Administrative				

B. Cross-learning across KVKs

S. No	Name of the KVK proposed	Purpose	Mode of learning
1	KVK, Kannanur, Kerala	To acquire knowledge in Value addition and other activities	Through exposure visit

5.Proposed cluster of KVKs (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	Krishi Vigyan Kendra, Madurai		✓	✓
2	Krishi Vigyan Kendra, Ramanathapuram	✓	✓	✓
3	SCAD Krishi Vigyan Kendra, Tuticorin		✓	

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.	Kariappatti and Trichuli	Mudukkankulam T.Veppangulam	Sengulam Paralachi Melaiyur	Rice	Drought	Varietal introduction	2011
2.	Aruppukottai and Virudhunagar	Chidambarapuram Vadamalaikurichi		Sorghum	Use of low yielding varieties	Varietal introduction	
3.	Thiruchuli and Virudhunagar	Kathalampatti Sundaralingapuram		Cumbu	Drought and Use of low yielding varieties	Drought management practices and Varietal introduction	2011
4.	Kariyapatti	Melathulukkankulam		Kudiraivali	Low yield	Varietal introduction	
5.	Thiruchuli	Kathalampatti		Tenai	Omission of minor millets	Crop introduction	
6.	Arupukottai and Kariyapatti	Gopalapuram Pisindi		Redgram	Redgram cultivation is getting reduced in the district. Even if it is cultivated, it is seldom raised as a pure crop.	Integrated Crop Management and varietal introduction	
7.	Arupukottai, Virudhunagar Kariappatti and Thiruchuli	Vadakkunatham Kullursandai	T- meenachipuram Chidambarapuram Ramasamypatti	Blackgram	Poor management practices and use of low yielding varieties	Integrated Crop Management and varietal introduction	2011
8.	Arupukottai, Watrap Kariappatti and Srivilliputhur	Gopalapuram Maharajapuram Kurandi Nachchiyarkovil		Greengram	Poor management practices and use of low yielding varieties	Integrated Crop Management and varietal introduction	
9.	Aruppukottai and Srivilliputhur	T.Meenakshipuram Sriviliputhur		Cowpea	Use of low yielding variety	Varietal introduction	

10.	Thiruchuli and Aruppukottai	S.Maraikulam, kallumadam		Groundnut	Use of low yielding variety	Variety introduction	
11.	Sivakasi and Vembakkottai	O.Muthuswamipuram Thiruvangadapuram		Sunflower	Use of low yielding variety	Hybrid introduction	
12.	Aruppukottai Kariyapatti Virudhunagar	Muthuramalingapuram Kallumadam	Thottiyankulam Chettikulam	Cotton	Pest and Disease incidence, nutrient deficiency and use of low yielding varieties	Integrated Crop Management and variety and hybrid introduction	2011
13.	Srivilliputhur Rajapalayam	Srivilliputhur Rajapalayam		Sugarcane	Poor productivity	Production technology and WUE	
14.	Kariappatti and Sathur	D.Kadambankulam Nalli		Chillies	Use of low yielding variety	Hybrid introduction	
15.	Virudhunagar Sathur and aruppukottai	D.Kadambankulam Nalli Chidambarapuram		Banana	Micro nutrient deficiency	Application of foliar nutrition	
16.	Kariapatti and Virudhunagar		Mustakurichi Vadamalaikurichi	Coriander	Use of low yielding variety	Variety introduction	2011
17.	Rajapalayam and Watrap blocks		Zamin Kollankondan Sundarapandiyam	Fodder grass	Use of low yielding variety	Variety introduction	2011
18.	Virudhunagar, Aruppukottai	Virudhunagar Aruppukkottai		Dairy	Fertility problem and esterous synchronisation in animals	Animal Nutrition	
19.	Aruppukottai and Rajapalayam	Kattangudi Rajapalayam		Poultry	Desi birds are having low genetic potential. Egg yield is very less.	Breed Introduction	
20.	Kariapatti and Aruppukkottai	Mela thulukkankulam Chatrampuliangulam Chidambarapuram		Farm Mechanisation	Labour scarcity	Farm machinery and Drudgery reduction	

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
Rice	Kariappatti and Trichuli	Drought	Varietal introduction			√	√	√	√
Sorghum	Aruppukottai and Virudhunagar	Use of low yielding varieties	Varietal introduction	√			√		√
Cumbu	Thiruchuli and Virudhunagar	Drought and Use of low yielding varieties	Drought management practices and Varietal introduction			√	√	√	√
Kudiraivali	Kariyapatti	Low yield	Varietal introduction			√	√	√	√
Tenai	Thiruchuli	Omission of minor millets	Crop introduction			√	√	√	√
Redgram	Arupukottai and Kariyapatti	Redgram cultivation is getting reduced in the district. Even if it is cultivated, it is seldom raised as a pure crop.	Integrated Crop Management and varietal introduction			√	√	√	√
Blackgram	Arupukottai, Virudhunagar Kariappatti and Thiruchuli	Poor management practices, Labour shortage and use of low yielding varieties	Integrated Crop Management and varietal introduction	√		√	√	√	√
Greengram	Arupukottai, Watrap Kariappatti and Srivilliputhur	Poor management practices and use of low yielding varieties	Integrated Crop Management and varietal introduction			√	√	√	√
Cowpea	Aruppukottai and Srivilliputhur	Use of low yielding variety	Varietal introduction			√	√	√	√

Groundnut	Thiruchuli and Aruppukottai	Use of low yielding variety	Variety introduction	√		√	√	√	√
Sunflower	Sivakasi and Vembakkottai	Use of low yielding variety	Hybrid introduction			√	√	√	√
Cotton	Aruppukottai Kariyapatti Virudhunagar	Pest and Disease incidence, nutrient deficiency and use of low yielding varieties	Integrated Crop Management and variety and hybrid introduction	√		√	√	√	√
Sugarcane	Rajapalayam and Vatrap	Poor productivity	Production technology and WUE			√	√	√	√
Chillies	Kariappatti and Sathur	Use of low yielding variety	Hybrid introduction	√			√		√
Banana	Virudhunagar Sathur and aruppukottai	Micro nutrient deficiency	Application of foliar nutrition	√		√	√	√	√
Coriander	Kariapatti and Virudhunagar	Use of low yielding variety	Variety introduction			√	√	√	√
Fodder grass	Rajapalayam and Watrap blocks	Use of low yielding variety	Variety introduction			√	√	√	√
Dairy	Virudhunagar, Aruppukottai	Fertility problem and esterous synchronisation in animals	Animal Nutrition	√		√	√	√	√
Poultry	Aruppukottai and Rajapalayam	Desi birds are having low genetic potential. Egg yield is very less.	Breed Introduction			√	√	√	√
Farm Mechanization	Kariapatti and Aruppukkottai	Labour scarcity	Farm machinery and Drudgery reduction	√			√		√

7. Details of technological interventions

A. Technology Assessment

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	Sorghum	Use of low yielding varieties	Assessment of sorghum varieties for higher yield under rainfed condition	TO -1 : APK 1 TO -2 : TNAU sorghum CO 30 TO-3 : SPV 1616	TNAU TNAU NRCS	10	Seeds	10000	Dr.S.Muthuramu
2.	Blackgram	Crop- weed competition	Assessment of herbicides on the weed control efficiency in Blackgram	TO -1 : Pendimethalin @ 2 lit/ha on 3 DAS + one hand weeding on 25 DAS TO -2 : Pendimethalin @ 2 lit/ha + Early post emergence application of Imazethapyr @ 600 ml/ha on 12-15 DAS.	- TNAU	10	Seeds and Herbicides	15000	Dr.S.Rathika
3.	Groundnut	Use of low yielding varieties	Assessment of groundnut varieties for higher productivity	TO -1 : TMV 7 TO -2 : TMV (Gn) 13 TO-3 : ICGV 91114	TNAU TNAU ICRISAT	10	Seeds	25000	Th.M.Rajendran
4.	Banana	MN deficiency	Assessment of foliar formulation for improving yield and quality in banana	TO -1 : No spray TO -2 : Banana special spray 0.3% at 5,6,7,8 months of planting	- IIHR	10	Foliar formulations	10000	Dr.D. Jegadeeswari

				TO -3 : Banana sakthi spray 2% at 4,5 & 6th months of planting	NRCB				
7.	Chilli	Use of low yielding varieties	Assessment of chilli hybrids for productivity and marketability	TO -1 : Local cultivar TO -2 : TNAU chilli hybrid CO1 TO -3 : Kashi Early (CCH-3)	- TNAU IIVR	10	Seeds Need based PP chemicals	30000	Th.K.Ramakrishnan
8.	Livestock	Low milk yield	Assessment of GRAND supplement in cross bred dairy cows	TO -1 : Open grazing TO -2 : Feeding of gruel and gram husk TO -3 : Feeding of GRAND supplement @ 20 ml /cow daily along with gruel and gram husk	- TANUVAS TANUVAS	10	GRAND supplement	10000	Dr.R.Jayashree

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
1									
2.									

B. Frontline Demonstrations

S.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	Rice	Drought and low yield	ICM on Anna 4 rice under semi dry condition	TNAU	12	5	Seed	9000	Dr.S.Rathika
2	Cumbu	Drought and low yield	Intrgrated crop management in Cumbu-CO(Cu)9	TNAU	12	5	Seed and ST chemicals	2000	Dr.R.Jayashree
3.	Kudiraivali	Low yield	ICM on kudiraivali CO(Kv)2	TNAU	12	5	Seed	2000	Dr.S.Rathika
B	**OILSEEDS**								
1	Sunflower	Poor yield	Introduction of TNAU Sunflower hybrid CO2	TNAU	15	6	Seed	15000	Dr.S.Muthuramu
C	**PULSES**								
1.	Blackgram	Poor yield	Introduction of blackgram VBN (Bg)5	TNAU	15	6	Seed, Rhizobium culture and pulse wonder	30000	Th.M.Rajendran
2.	Greengram	Low yield and multi picking	Introduction of Greengram CO(Gg)7	TNAU	15	6	Seed, Rhizobium culture and pulse wonder	30000	Dr.R.Jayashree
3.	Cowpea	Poor yield	ICM on Cowpea CO(Cp)7	TNAU	15	6	Seed, Rhizobium culture and pulse wonder	30000	Dr.S.Muthuramu

D	**FIBRE CROPS**								
1	Cotton	Low yield	Yield maximization in SVPR4 in rainfed cotton ecosystem	TNAU	10	4	Seed, need based PP chemicals and cotton plus	10000	Th.M.Rajendran
2	Cotton	MN deficiency	Management of reddening in rainfed cotton	TNAU	10	4	$MgSO_4$ Urea $ZnSO_4$ Cotton plus	5000	Dr.D.Jegadeeswari
E	**OTHER COMMERICAL CROPS**								
1	Guinea grass	Fodder scarcity	Popularization of Guinea grass CO(GG)3	TNAU	15	0.8	Rooted slips	15000	Th.K.Ramakrishnan
2	Sugarcane	Low cane yield and water stress	Introduction of SSI technology	TNAU	5	2	Single budded chips	21500	Dr.S.Rathika
F	**HORTICULTURAL CROPS**								
1	Coriander	Low yield	Popularization of Coriander CO(CR)4	TNAU	10	4	Seed	10000	Th.M.Rajendran
G	**LIVESTOCK/ FISHEIRES**								
1	Milch cows	Low milk yield	Popularization of area specific mineral mixture in milch cows	TANUVAS	50 Nos.	-	Mineral mixture	5500	Dr.R.Jayashree

2	Poultry	Low egg hatchability	Popularization of Namakkal 1 breed fowl as backyard poultry	TANUVAS	20 units of 10 birds each	-	Birds	15000	Dr.D.Jegadeeswari
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	Rice	Drought	Drought management	Drought tolerant cultivars and semi dry rice cultivation	**5**	Dr.S.Rathika
2	Sorghum	Use of low yielding varieties	High yielding varieties	Latest varieties & hybrids suitable for VNR district	**3**	Dr.S.Muthuramu
3	Cumbu	Drought and Use of low yielding varieties	Seed hardening and HYVs	HYVs, Seed hardening in Millets	**4**	Dr.S.Muthuramu
4	Kudiraivali	Low yield	ICM and High yielding varieties	HYVs, drought mitigation in millets	**4**	Dr.S.Rathika
5	Tenai	Omission of minor millets	Varietal introduction	Importance of minor millets and HYVs	**3**	Dr.S.Muthuramu

6	Redgram	Redgram cultivation is getting reduced in the district. Even if it is cultivated, it is seldom raised as a pure crop.	Varietal popularisation	Importance of pulses and the latest HYVs	**4**	Dr.S.Muthuramu
7	Blackgram	Poor management practices, Labour shortage and use of low yielding varieties	ICM and High yielding varieties	Advances in pulses production technology	**5**	Dr.S.Rathika
8	Greengram	Poor management practices and use of low yielding varieties	ICM and High yielding varieties	Designer seed and seed hardening in pulses	**4**	Dr.S.Rathika
9	Cowpea	Use of low yielding variety	ICM and High yielding varieties	Pulses production technology and value addition	**4**	Dr.S.Rathika
10	Groundnut	Use of low yielding variety	Varietal Introduction	latest HYVs and hybrids suitable for rainfed condition	**4**	Dr.S.Muthuramu
11	Sunflower	Use of low yielding variety	Hybrid popularization	Importance of oilseeds and the latest HYVs and hybrids	**4**	Dr.R.Jayashree
12	Cotton	Pest and Disease incidence, nutrient deficiency and use of low yielding varieties	IPM, INM and HYVs /hybrids	IPM & INM, ETL based pest control and use of botanicals in cotton and HYVs in cotton	**10**	Th.M.Rajendran

12	Chillies	Use of low yielding variety	Hybrid Introduction	Latest hybrids and advances in production technology	**4**	Th.R.Karthik
13	Banana	MN deficiency	Foliar Nutrition	Importance of foliar nutrition for higher productivity	**3**	Dr.D.Jegadeeswari
14	Coriander	Use of low yielding variety	Production technology	Hitech vegetable production	**2**	Th.R.Karthik
15	Sugarcane	Poor productivity	Production technology and WUE	SSI in sugarcane and drip irrigation	**3**	Dr.S.Rathika
16	Fodder grass	Use of low yielding variety	Production technology	Fodder production in dry land areas	**3**	Th.K.Ramakrishnan
17	Dairy	Fertility problem and esterous synchronisation in animals	Animal Nutrition	Dairy management	**3**	Dr.R.Jayashree
18	Poultry	Desi birds are having low genetic potential. Egg yield is very less.	Exotic bird introduction and Poultry production	Poultry management	**3**	Dr.D.Jegadeeswari
19	Apiary	Apiary	Bee keeping	Technology on bee keeping	**3**	Th.M.Rajendran
20	Farm Mechanisation	Labour scarcity	Machinery	Operation and maintenance of farm machineries	**5**	Th.K.Ramakrishanan

21	Value addition	Poor income	Value addition	Amla candy preparation, Bael product preparation and biscuit making	**5**	Tmt.M.Kavitha
22	Women empowering	General	Gender issues	Gender participation in organic agriculture	**2**	Dr.D.Jegadeeswari
TOTAL					**90**	

* 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	Cereals	Poor productivity	Hybrid introduction	Hybrids for rainfed agriculture	2	Dr.S.Muthuramu
2	Pulses	Price fluctuation	Value addition	Augmenting nutritional security and value addition through pulses	2	Tmt.M.Kavitha
3	Value addition	Poor income	Value addition	Amla candy preparation Bale products preparation Biscuit making	2	Tmt.M.Kavitha
4	Vegetables	Low yield	Production technology	Hitech vegetable production	1	Th.R.Karthik

5	Marketing	Unaware of market information	Internet usage	Introducing TNAU Agritech portal and other websites in related with marketing	3	Th.K.Ramakrishnan
TOTAL					10	

* 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.	Cotton	IPM in cotton and Bt cotton	Department of Agriculture	Training on Bt cotton and IPM in cotton varieties	1	Th.M.Rajendran
2.	Field and Horticultral crops	Organic farming	Department of Agriculture and Horticulture	Organic farming	1	All staff
3.	Sugarcane	Precision farming	Sugarcane extension workers	Precision farming in sugarcane	1	Dr.S.Rathika Th.R.Karthik
4.	IFS	Integrated farming System	Agriculture Department	Integrated Farming System for dryland areas.	1	Dr.S.Rathika
5.	Marketing	Lack in market information	Internet usage	Introduction of website in related with marketing	1	Th.K.Ramakrishnan
TOTAL					**5**	

* 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
Arid zone fruits	Production technology for Arid zone fruits and value addition	2 (5)	Youth	Th.R.Karthik Tmt.M.Kavitha
IFS	Optimization of crop and livestock mix	3 (5)	Women	Dr.S.Rathika
Farm mechanisation	Operation and maintenance of farm machineries	3 (5)	Youth	Th.K.Ramakrishnan
Organic farming	Organic farming in sustaining rainfed agriculture	3 (5)	Women	Dr.S.Rathika
Resource management	Recycling of wastes in agrarian lands	2 (5)	School Student	Dr.D.Jegadeeswari Dr.R.Jayashree
Post Harvest Technology	Value Addition in fruits and milk	2 (5)	SHGs	Tmt.M.Kavitha
TOTAL		**15**		

* 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
All crops	ATMA	Integrated crop management in selected rainfed crops	7	Dr.D.Jegadeeswari Th.K.Ramakrishnan
TOTAL			**7**	

* 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
May	Importance of summer ploughing and soil health	Training	Farmers	Dr.S.Rathika
June	Fully mechanized rice cultivation	Training	Farmers	Dr.D.Jegadeeswari
June	Mechanised cultivation of maize from sowing to harvest	FFS	Farmers	Dr.D.Jegadeeswari
June	Participatory Rural Appraisal	PRA	Farmers	Th.K.Ramakrishnan
June	Capacity building	Workshop	Farmers	Th.K.Ramakrishnan
June	Designer seed and seed hardening in pulses.	Training	Farmers	Dr.R.Jayashree
June	High yielding varieties and hybrids of oil seeds	Training	Farmers	Dr.S.Muthuramu
June	Fodder cultivation	Training	Farmers	Th.K.Ramakrishnan
June	Fodder cultivation	FLD	Farmers	Th.K.Ramakrishnan
July	Semi dry rice cultivation	Training	Farmers	Dr.S.Rathika
July	Semi dry rice cultivation	FLD	Farmers	Dr.S.Rathika
July	Use and maintenance of farm machineries	Vocational Training	Rural Youth	Th.K.Ramakrishnan
July	Organic farming in rainfed areas	Vocational Training	Rural Youth	Dr.S.Rathika Th.R.Karthik
July	ICM in selected rainfed crops	Sponsored Training	Farmers	All staff
August	Popularisation of Co 4 fodder grass	Training	Farmers	Dr.S.Rathika
August	Popularisation of SVPR 4 Cotton	FLD	Farmers	Th.M.Rajendran

August	Improved planting methods in cotton	OFT	Farmers	Dr.S.Rathika
August	Performance evaluation of Groundnut varieties	OFT	Farmers	Dr.S.Muthuramu
August	Performance evaluation of Chilli hybrids	OFT	Farmers	Dr.S.Muthuramu Th.R.Karthik
August	Maize Production technology	Training	Farmers	Dr.D.Jegadeeswari
August	IPM in cotton	Training	Farmers	Th.M.Rajendran
August	Vegetable cultivation under precision farming	Training	Farmers	Th.R.Karthik
August	Chillies – Integrated pest management	Training	Farmers	Th.M.Rajendran
August	Value addition in chillies	Training	Farmers	Tmt.M.Kavitha
August	Introduction of TNAU Agri-tech portal and other websites related with marketing	Vocational Training	Rural Youth	Th.K.Ramakrishnan
August	IPM in cotton	Sponsored Training	Farmers	Th.M.Rajendran
August	Cotton production technology	Sponsored Training	Farmers	Th.M.Rajendran
August	ICM in blackgram	FLD	Farmers	Dr.S.Rathika
August	ICM in Redgram	FLD	Farmers	Th.K.Ramakrishnan
August	ICM in Greengram	FLD	Farmers	Dr.S.Muthuramu
August	ICM in Cowpea	FLD	Farmers	Dr.S.Muthuramu
August	High yielding sunflower hybrids for rainfed agriculture	FLD	Farmers	Dr.R.Jayashree
August	SSI in Sugarcane	FLD	Farmers	Dr.S.Rathika
August	Seed hardening in cumbu	FLD	Farmers	Dr.R.Jayashree
August	ICM in kudiraivali	FLD	Farmers	Dr.R.Jayashree

August	Cultivation of minor millets	Training	Farmers	Dr.S.Muthuramu
August	Cultivation of tenai	FLD	Farmers	Dr.S.Muthuramu
September	Weed management in Blackgram	OFT	Farmers	Dr.S.Rathika
September	Popularisation of Cauvery and Namakal –1 Poultry breed	FLD	Farmers	Dr.D.Jegadeeswari
September	Mineral mixture for Animal nutrition	OFT	Farmers	Dr.R.Jayashree
September	Management of mealy bugs in cotton	OFT	Farmers	Th.M.Rajendran
September	District level Exposure visit	Exposure visit	Farmers	Dr.D.Jegadeeswari
September	Mechanised sowing of Groundnut	Training	Farmers	Dr.D.Jegadeeswari
September	Alleviating Mg deficiency in cotton	FLD	Farmers	Dr.D.Jegadeeswari
September	IPM in pulses	Training	Farmers	Th.M.Rajendran
September	Pest and disease management in pulses.	Training	Farmers	Th.M.Rajendran
October	Assessment of Sorghum varieties	OFT	Farmers	Dr.S.Muthuramu
October	Semi dry rice cultivation	Training	Farmers	Dr.S.Rathika
October	Identification and rectification of MN deficiencies in Banana.	OFT	Farmers	Dr.D.Jegadeeswari
October	Pulse production technology	Training	Farmers	Dr.S.Rathika Dr.S.Muthuramu
October	Mechanization of cotton cultivation	Training	Farmers	Th.K.Ramakrishnan
October	ETL based pest control and use of botanicals in cotton	Training	Farmers	Th.M.Rajendran

October	SRI in paddy	Sponsored Training	Farmers	Dr.S.Rathika
November	Seed hardening in rainfed maize	Training	Farmers	Dr.R.Jayashree
November	Dairy management	Training	Farmers	Dr.R.Jayashree
November	Recent advances in pulses production technology	Training	Farmers	Dr.S.Rathika Dr.S.Muthuramu
January	Inter cropping and mixed cropping in cotton based cropping system	Training	Farmers	Th.M.Rajendran Dr.S.Rathika
January	Participatory Rural Appraisal	PRA	Farmers	Th.K.Ramakrishnan
February	Field day on cotton FLD	Field day	Farmers	Th.M.Rajendran
February	Gender participation in organic agriculture	Training	Farmers	Dr.D.Jegadeeswari

** 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	Growing latest released varieties and hybrids suitable for rainfed situation	0.2ha	Dr.S. Muthuramu
Demonstration Units	Poultry	1 No	Dr.D.Jegadeeswari
	Goat	1 No	Dr.S.Rathika
	Ornamental fish	1 No	Th.M.Rajendran
	Homestead incubator	1 No	Dr.D.Jegadeeswari
	Chaff cutter	1 No	Dr.S.Rathika
	Fodder grass	1 No	Dr.S.Rathika

	Vettiver	1 No	Dr.S.Rathika
	Shade net nursery	1 No	Dr.R.Jayashree
	Coir pith composting	1 No	Dr.D.Jegadeeswari Dr.R.Jayashree
	Mini dhal mill	1 No	Dr.S.Rathika
	Mineral salt lick pressing machine	1 No	Dr.R.Jayashree
	Vermicomposting	1 No	Dr.R.Jayashree
	Bee keeping	1 No	Th.M.Rajendran
Lab Analytical services	Soil test based fertilizer recommendation	250	Dr.D.Jegadeeswari
Technology Week			

B. Technological Products :

Category	Name of the product	Quantity (Qtl.)/ Number	Names of the team members involved
Seeds			
Planting materials	Vegetable crop seedlings	5000 No	Th.R.Karthik
	Fodder slips	10000 No	Dr.S.Rathika
Bio-products	Earthworms	50 Kg	Dr. R.Jayashree
Livestock strains			
Fish fingerlings	Ornamental fish fingerlings	500 No	Th. M.Rajendran

C. Technological Information

Category	Technological capsules / Number	Names of the team members involved
Technology backstopping to line departments		
Agriculture	15	All staff
Horticulture	5	All staff
Animal Husbandry	2	All staff
Fisheries	-	
Agricultural Engineering	5	All staff
Sericulture	-	
Literature/publication	25	All staff
Electronic Media	2	All staff
Kisan Mobile Advisory Services	100	All staff
Information on centre/state sector schemes and service providers in the dt.	-	-

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.	Dept. of Agriculture and NGO	Soil health and campaign	Campaign(2)	Yet to be finalized	Dr.D.Jegadeeswari
2.	Dept. of Agriculture and NGO	Recent advances in Crop Production technologies	Training (2) and demonstration (1)	Yet to be finalized	Th. M. Rajendran Dr.D.Jegadeeswari Th.K.Ramakrishnan Dr.R.Jayashree Dr.S.Rathika Dr.S. Muthuramu
3.	Dept. of Agriculture and MSME	Seed production technologies	Training (2)	Yet to be finalized	Dr.S. Muthuramu
4.	ATMA	Crop Production	Training (2), exposure visit (2), Farmers – scientist interaction(1)	Yet to be finalized	Dr.D.Jegadeeswari Th.K.Ramakrishnan

10. Revolving Fund

A. Financial status

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)
1.77	0.73	0.98	2.02

B. Plan of activities

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
1.	Vegetable crop seedlings	5000 No	2500.00	Th.R. Karthik
2.	Fodder slips	10000No	2500.00	Dr.S.Rathika
3.	Earth worms	50Kg	10000.00	Dr.R.Jayashree
4.	Ornamental fish fingerlings	500 Nos	1000.00	Th.M.Rajendran

11. Activities of soil, water and plant testing laboratory

Type	No.of samples to be analyzed	Names of the team members involved
Soil	**500**	Dr.D.Jegadeeswari
Water	**500**	Dr.D.Jegadeeswari
Plant		
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	Completed	www.kvkvnr.org
2	Title of the technology module to be prepared	-	-
3	Creation and maintenance of relevant database system for KVK	Completed	-
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): –Nil-

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?	No
If Yes likely month of the meet	
Brief action plan in this regard	

15. Farmer's Field School planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
1	Integrated Crop Management	Integrated Crop Management in Maize	25,000/-

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**	45,00,000		72,34,966
2	**Traveling allowances**	1,30,000		1,17,108
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	1,90,000		1,84,431
B	POL, repair of vehicles, tractor and equipments	1,50,000		1,27,683
C	Meals/refreshment for trainees	90,000		66,320
D	Training material	35,000		16,570
E	Frontline demonstration except oilseeds and pulses	1,10,000		78,278
F	FLD on Special Pulses Programme	90,000		69,065
G	On farm testing	1,00,000		47,293
H	Training of extension functionaries	25,000		-
I	Maintenance of buildings	-		-
J	Extension Activities	30,000		30,000
K	Farmers Field School	25,000		13,595
L	Library	5,000		4,083
TOTAL (A)		**54,80,000**		**79,89,392**
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)		**54,80,000**		**79,89,392**

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**	84,00,000
2	**Traveling allowances**	2,00,000
3	**Contingencies**	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2,50,000
B	POL, repair of vehicles, tractor and equipments	2,00,000
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1,00,000
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	50,000
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1,10,000
F	FLD on Special Pulses Programme	90,000
G	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1,00,000
H	Training of extension functionaries	30,000
I	Maintenance of buildings	2,00,000
J	Establishment of Soil, Plant & Water Testing Laboratory	-
K	Farmers Field School	25,000
L	Library	15,000
TOTAL (A)		**97,70,000**
B. Non-Recurring Contingencies		
1	**Works**	**-**
2	**Equipments including SWTL & Furniture**	**-**
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	**-**
4	**Library** (Purchase of assets like books & journals)	10,000
TOTAL (B)		10,000
C. REVOLVING FUND		**-**
GRAND TOTAL (A+B+C)		**97,80,000**

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