



# Action Plan

## 2011 – 2012

# SAKVK

Sri Avinashilingam

Krishi Vigyan Kendra

Vivekanandapuram, Coimbatore Dist

Email : [sakvk.cbe@rediffmail.com](mailto:sakvk.cbe@rediffmail.com)

Website: [www.avinashilingamkvk.org](http://www.avinashilingamkvk.org)

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## I. General Information about the Krishi Vigyan Kendra

- 1 Name and address of KVK with Phone, Fax , e-mail and web address : **Sri Avinashilingam Krishi Vigyan Kendra,**  
Vivekanandapuram – 641 113,  
Karamadai Block, Coimbatore District.  
TamilNadu.  
Phone : (04254) 284 223  
FAX : (04254) 284 820  
Email : [sakvk.cbe@rediffmail.com](mailto:sakvk.cbe@rediffmail.com)  
[avinashilingamkvk@gmail.com](mailto:avinashilingamkvk@gmail.com)  
Website : [www.avinashilingamkvk.org](http://www.avinashilingamkvk.org)
- 2 Name and address of host organization with Phone, Fax and e-mail : **Sri Avinashilingam Educational Trust,**  
Saradhalaya, Bharathi Park Road,  
Coimbatore – 641 043. TamilNadu.  
Phone : (0422) 2440 241  
Fax : (0422) 2438 786  
e-mail: [trust\\_off@yahoo.co.in](mailto:trust_off@yahoo.co.in)
- 3 Name of the Programme Coordinator : **Smt. N. Suganthi**  
Mobile Number 09444231649
- 4 Year of sanction : 1979
- 5 Year of start of activities : 1980
- 6 Major farming system / enterprises : Agri / Horti + Livestock based (Garden, wet & dry land)
- 7 Name of agro-climatic zone : Western Tropical zone
- 8 Soil types : Sandy loam red soil
- 9 Annual rain fall (mm) : 815 mm

## II Staff Strength as on 01.02.2011

	<i>Programme Coordinator</i>	<i>Subject Matter Specialist</i>	<i>Programme Assistant</i>	<i>Admn. Staff.</i>	<i>Auxiliary Staff</i>	<i>Supporting Staff</i>	<i>Total</i>
Sanctioned	1	6	3	2	2	2	16
Filled	0	4	5	2	2	2	15
Vacant	1	0	0	0	0	0	1

### III. Details of staff as on 01-04-2011

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Existing Pay scale	Number in which directly associated in the proposed programmes				Date of joining	Permanent / Temporary																								
					No. of technologies to be assessed / refined	FLDs	Training Programmes	Extension Programmes																										
1.	Programme Coordinator	Vacant	--	12000-275-13500	-	-	-	-	--	--																								
2.	Subject Matter Specialist	N. Suganthi	Soil Science	8000-275-13500	1	2	36	5	02.01.06	Permanent																								
3.	Subject Matter Specialist	P.Gomathi	Home Science	8000-275-13500	-	3	39	5	19.11.07	-- do --																								
4.	Subject Matter Specialist	S.Sureshkumar	Agronomy	8000-275-13500	2	3	41	6	08.09.10	-- do --																								
5.	Subject Matter Specialist	M.Sagadevan	Horticulture	8000-275-13500	1	2	36	5	09.09.10	-- do --																								
6.	Subject Matter Specialist	C. Raju	Animal Science (PA)	5500-175-9000	1	1	37	5	01.09.79	-- do --																								
7.	Subject Matter Specialist	P. Nagaraj	Agrl. Engg (PA)	5500-175-9000	-	2	36	5	17.12.82	-- do --																								
8.	Programme Assistant	R. Banumathi	Lab Technician	5500-175-9000	1	1	18	5	24.06.87	-- do --																								
9.	Computer Programmer	D. Ravindran	Computer	5500-175-9000	<b>NOT APPLICABLE</b>				01.04.93	-- do --																								
10.	Farm Manager	V.Muthukumar	Farm Manager	5500-175-9000					<b>NOT APPLICABLE</b>				17.07.88	-- do --																				
11.	Accountant/Superintendent	A.K. Muthulakshmi	-	5500-175-9000									<b>NOT APPLICABLE</b>				06.07.06	-- do --																
12.	Stenographer	R. Jayaraman	-	4000-100-6000													<b>NOT APPLICABLE</b>				01.09.79	-- do --												
13.	Driver 1	L. Premkumar	-	3050-75-3950-80-4590																	<b>NOT APPLICABLE</b>				01.07.02	-- do --								
14.	Driver 2	D.Samuvel Jhonson	-	3050-75-3950-80-4590																					<b>NOT APPLICABLE</b>				04.10.10	-- do --				
15.	Supporting staff 1	N. Veerasamy	-	2550-55-2660-60-3200																									<b>NOT APPLICABLE</b>				01.08.09	-- do --
16.	Supporting staff 2	P.K. Duraisamy	-	2550-55-2660-60-3200																													<b>NOT APPLICABLE</b>	

\* Pay Scale based on existing norms

#### IV. Infrastructure

##### i) Land

Total Area (ha)	Area Cultivated (ha)	Area occupied by buildings and roads (ha)	Area with demonstration units (ha)
20 ha	15 ha	3 ha	2 ha
-	Survey Nos 440,444,447,448,449 (Thekkampatty village of Karamadai block)	Survey Nos 446, 447 (Thekkampatty village)	Survey Nos 445 (Thekkampatty village)

##### ii) Buildings

Admn. Building			Trainees Hostel			Staff Quarters			Demonstration Unit		
Plinth area (m <sup>2</sup> )	Cost (Rs. in lakhs)	Year	Plinth area (m <sup>2</sup> )	Cost (Rs. in lakhs)	Year	Plinth area (m <sup>2</sup> )	Cost (Rs. in lakhs)	Year	No.	Plinth area (m <sup>2</sup> )	Cost (Rs. in lakhs)
97.88	0.7	84-85	576.94 (Women's hostel)	3.22	84-85	52.01 (Single room -3 Nos)	0.27	80-81	Nursery unit	92	1.1
			380.33 (Men's hostel)	5.09	89-90	24.5 (Single room)	0.06	80-81	Calf rearing unit	73.6	0.89
						106 .00 (1 block of 2 houses & 2 single room)	0.22	80-81			
						141.62 (A type quarters - 2 Nos) & 25.15 (1 block of 2 single room)	0.69	81-82			
						121.07 (B Type quarters - 2 Nos)	0.66	81-82			

##### iii) Vehicles

Type of vehicle	Model	Actual cost (Rs. in lakhs)	Total kms. Run	Present status
Jeep	Mahindra - Max-TX	5.0	173052	Good
Two Wheeler	Hero Honda - CD Dawn	0.40	29471	Good
Two wheeler	Activa	0.49	10964	Good

##### iv) Equipments and AV aids

Sl. No.	Name of Equipments	Date of purchase	Cost (Rs.in lakhs)	Present status
	<b>Equipment</b>			
1	Tractor	1987-88	1.30	Fully Depreciated
2	Power Tiller	1982-83	0.42	Not in working condition
3	Thrasher	1982-83	0.17	Fully depreciated
4	LN <sub>2</sub> Container	2002-03	0.36	In working condition
5	Typewriter (English)	1980-81	0.03	Condemned
6	Typewriter (Tamil)	1985-86	0.03	Condemned

7	Duplicator	1981-82	0.04	Condemned
8	Xerox Machine	2004-05	0.74	To be replaced to higher version
9	Computer, Printer with UPS	2004-05	0.67	To be replaced to higher version
10	Power weeder	2005-06	0.75	Good
11	Power tiller	2010-11	1.50	Good
12	Generator	2010-11	1.0	Good
<b>A.V. Aids</b>				
13	Colour Television	1984-85	0.08	Condemned
14	Video cassette player	1987-88	0.10	Condemned
15	Over Head Projector	1983-84	0.03	Fully depreciated
16	Slide Projector	1983-84	0.04	Fully depreciated
17	Digital Still camera	2004-05	0.17	To be replaced to higher version
18	LCD Projector with lap top computer	2006-07	1.00	Good

**v) Equipment in Soil and Water Testing laboratory**

<b>Sl. No.</b>	<b>Equipment</b>	<b>Year of Purchase</b>	<b>Cost (Rs.in lakhs)</b>	<b>Present status</b>
1	P <sup>H</sup> Meter	2005	0.10	Good
2	Conductivity Bridge	2005	0.07	Good
3	Physical Balance (2)	2005	0.10	Good
4	Electronic Balance (2)	2005	0.86	Good
5	Hot Plates (2)	2005	0.08	Good
6	Shakers rotary (2)	2005	0.43	Good
7	Nitrogen Analyser	2006	2.03	Good
8	Spectro photo meter	2005	0.60	Good
9	Flame Photo meter	2005	0.84	Good
10	Willey mill	2005	0.26	Good
11	Hot air oven	2005	0.15	Good
12	Water Distillation unit	2005	0.83	Good
13	Refrigerator	2005	0.19	Good

## 1. Operational areas details for 2011-12

Sl. No.	Taluk	Blocks/ groups of villages	Major crops & enterprises being practiced	Major problems identified	Identified thrust areas	Existing / New Please State without fail	If existing from which year Please state
1	Mettupalayam	Karamadai	Banana, Cotton Groundnut, Greengram, Curry leaf, Bhendi, Tomato, Brinjal, and millets	<ul style="list-style-type: none"> <li>➤ Pseudo stem weevil, leaf spot attack and post harvest losses in banana</li> <li>➤ Stem weevil, root rot, mealybug fruit rot, Mg deficiency and flower and square shedding in cotton</li> <li>➤ Root rot, poor pod filling, leaf roller and sucking pest in groundnut</li> <li>➤ Flower drop and pod borer in greengram</li> <li>➤ Leaf spot in curry leaf</li> <li>➤ Vein clearing and fruit borer in Bhendi</li> <li>➤ Fruit borer, leaf curl and root rot in tomato</li> <li>➤ Shoot&amp; fruit borer and root grub in Brinjal</li> <li>➤ Scarcity of green fodder</li> <li>➤ Mineral deficiency in milch animal</li> <li>➤ Scarcity of labours</li> <li>➤ Indiscriminate use of fertilizers</li> <li>➤ Low weight gain in goat</li> </ul>	<ul style="list-style-type: none"> <li>➤ Plant protection techniques and post harvest in banana</li> <li>➤ ICM in cotton</li> <li>➤ Plant protection in groundnut and greengram</li> <li>➤ IDM in curry leaf</li> <li>➤ IPM in brinjal , bhendi, and tomato</li> <li>➤ Green fodder production</li> <li>➤ Mineral management in live stock</li> <li>➤ Introduction of improved techniques / implements</li> <li>➤ Balance use of fertilizers</li> </ul>	Existing	<p>2007</p> <p>2006</p> <p>2007</p> <p>2007</p> <p>2005</p> <p>2008</p> <p>2007</p> <p>2006</p> <p>2006</p> <p>2006</p> <p>2006</p> <p>2007</p> <p>2006</p> <p>2006</p>

2	Pollachi	Anaimalai, Pollachi N Pollachi S Kinathukkadavu	Paddy, Groundnut, Coconut, Sugarcane Tomato, Brinjal, Bhendi, Chillies, Maize, Banana, and black gram	➤ Stem borer, leaf folder and leaf blight in paddy	➤ IPDM in paddy & groundnut	Existing	2002
				➤ Leaf spot and rust in groundnut	➤ IPDM in coconut		2002
				➤ Rhinoceros beetle, leaf eating caterpillar, and leaf blight in coconut	➤ IPDM in sugarcane		2005
				➤ Internode borer, early shoot borer and red rot in sugarcane	➤ Value addition in tomato		2007
				➤ Post harvest losses in tomato	➤ IPM in brinjal		2007
				➤ Leaf curl, root rot and fruit borer in tomato	➤ IPM in bhendi		2007
				➤ Shoot & fruit borer and root grub in Brinjal	➤ Popularization of high yielding variety in Chilli		2005
				➤ Vein clearing and fruit borer in Bhendi	➤ Popularization of QPM in maize		2006
				➤ Cultivation of old and low yielding varieties in chillies	➤ Plant protection in banana		2007
				➤ Low yielding in maize	➤ Assessment of high yielding varieties in black gram		2009
				➤ Pseudo stem weevil, leaf spot attack and post harvest losses in banana	➤ Soil test based recommendation		2009
				➤ Cultivation of old and low yielding varieties in black gram	➤ Introduction of fodder variety		2005
				➤ Indiscriminate use of fertilizers	➤ Introduction of supplementary food mix		2003
				➤ Scarcity of green fodder			2004
➤ Malnutrition of women and children		2006					
		2005					

3	Coimbatore- N	P.N.Palayam S.S. Kulam	Banana, Cotton, Bhendi, Brinjal, Tomato, Groundnut, Sesamum, Bengalgram	➤ Pseudo stem weevil, bunch top, leaf spot attack and post harvest losses in banana	➤ IPM Banana and Post harvest technology in Banana	Existing	2002
				➤ Mealybug, Mg deficiency, flower and square shedding in cotton	➤ ICM in Cotton		2004
				➤ Vein clearing and fruit borer in Bhendi	➤ IPM in bhendi		2006
				➤ Shoot& fruit borer and root grub in Brinjal	➤ IPM in brinjal		2005
				➤ Leaf curl, root rot and fruit borer in tomato	➤ IPDM in tomato		2008
				➤ Low yielding, leaf spot and rust in groundnut	➤ Popularization of new and high yielding varieties groundnut		2005
				➤ Cultivation of old varieties and indiscriminate use of fertilizer in Sesamum	➤ Introduction of high yielding variety in Sesamum		2005
				➤ Cultivation of old and low yielding varieties in bengalgram	➤ Assessment of high yielding varieties in Bengalgram		2006
				➤ Indiscriminate use of fertilizers	➤ Introduction of fodder variety		2007
				➤ Scarcity of green fodder	➤ Nutrient management in live stock		2005
				➤ Nutritional and Mineral deficiency in milch animal	➤ Introduction of improved techniques / implements		2007
				➤ Inefficient conventional practice and Non availability of farm labours	➤ Introduction of modern irrigation system		2005
				➤ Water scarcity	➤ Introduction of supplementary food mix		2004
➤ Malnutrition among children		2006					
		2005					

4	Sulur	Sulur Sulthanpet	Tomato	➤ Leaf curl, root rot and fruit borer in tomato	➤ IPDM in Tomato	Existing	2005
			Chillies	➤ Root rot and leaf curl in chillies	➤ IDM in Chilli		2006
			Onion	➤ Purple blotch , bulb rot and thrips in Onion	➤ IPDM In Onion		2008
			Banana	➤ Pseudo stem weevil, leaf spot attack and post harvest losses in banana	➤ Plant protection techniques in banana		2004
			Groundnut	➤ Low yielding, leaf spot and rust in groundnut	➤ Popularization of new and high yielding varieties in groundnut		2006
			Maize	➤ Low yielding in maize	➤ Popularization of QPM in maize		2009

## 2. Details of thrust areas under which interventions are planned for 2011-12

### A. Crops

Thrust areas	Crops to be covered	Interventions planned
Micro Irrigation	Banana, Turmeric, curry leaf and Coconut	Exposure visit, Training
Integrated crop management	Maize, Paddy, Ragi, Bengalgram, Blackgram, Groundnut, Sesamum, Cotton, Banana, Turmeric, Brinjal, Bhendi, Chillies and Coconut	Trainings, FLDs, and OFTs
Production of organic inputs	All crops	Training
Nursery raising	Coconut and Mulberry	Training
Cultivation of fruits	Amla, Tamarind, Banana and Mango	Training
Nursery management	Coconut and Mulberry	Training
Production and management technology	Maize, Paddy, Ragi, Bengalgram, Blackgram, greer gram, Groundnut, Sesamum, Cotton, Banana, Turmeric, Brinjal, Bhendi, Chillies, Coleus Curry leaf, Tomato and Coconut	FLDs and Training
Soil fertility management	Maize, Paddy, Ragi, Bengalgram, Blackgram, greer gram, Groundnut, Sesamum, Cotton, Banana, Turmeric, Brinjal, Bhendi, Chillies, Curry leaf, Tomato and Coconut	Training and FLDs
Integrated nutrient management	Maize, Paddy, Ragi, Bengalgram, Blackgram, Groundnut, Sesamum, Cotton, Banana, Turmeric, Brinjal, Bhendi, Chillies, Coleus Curry leaf, Tomato and Coconut	Training and FLDs
Micronutrient deficiency in crops	Cotton, Rice, Banana, Turmeric, Brinjal, Bhendi, Chillies, Curry leaf, Tomato and Coconut	Training and FLDs
Nutrient use efficiency	Banana and Brinjal,	Training and FLDs
Balanced use of fertilizer	Maize, Paddy, Ragi, Bengalgram, Blackgram, Greengram, sunflower, Groundnut, Sesamum, Cotton, Banana, Turmeric, Brinjal, Bhendi, Chillies, Curry leaf, Tomato and Coconut	Training
Water testing	All crops	Training
Integrated pest management	Maize, Paddy, Ragi, Bengalgram, Blackgram, Groundnut, Greengram, sunflower, Sesamum, Cotton, Banana, Turmeric, Brinjal, Bhendi, Chillies, Coleus, Jasmine, Curry leaf, Tomato and Coconut	Training and FLD

Integrated disease management	Maize, Paddy, Ragi, Bengalgram, Blackgram, Groundnut, Greengram, sunflower, Sesamum, Cotton, Banana, Turmeric, Brinjal, Bhendi, Chillies, Coleus, Jasmine, Curry leaf, Tomato and Coconut	Training and FLD
Seed production	Greengram, Sesamum and fodder crops	Training
Vermi-compost production	All crops	Training
Organic manures production	All crops	Training

### B. Livestock, poultry, fisheries

Thrust areas	Livestock/ poultry / fisheries to be covered	Interventions planned
Dairy Management	Milch animal	Training
Animal nutrition management	Milch animal, Sheep and goat	Training and FLD
Animal disease management	Milch animal Sheep and goat	Training
Feed and fodder technology	Milch animal Sheep and goat	Training and FLD

### C. Others

Thrust areas	Interventions planned
Processing and value addition	Training , Method demonstration
Minimization of nutrient loss in processing	Training
Value addition	Training
Women empowerment	Training
Location specific drudgery reduction	Training and FLD
Rural craft	Training
Women and child care	Training
Small scale processing and value addition	Training and method demonstration
Post harvest technology	Training and exposure visit
Installation and maintenance of micro-irrigation systems	Training and exposure visit
Leadership development	Training
Formation and management of SHGs	Training
Entrepreneurial development of farmers /youths	Training and FLD

### 3 Technology Assessment and Refinement

S. No	Crop / Enterprise	assesment / refinement	Technology to be assessed / refinement	No. of trials	Technology Options			Total budget (Rs.)	Parameters to be recorded
					1	2	3		
1	Blackgram	Assesment	Assessing the foliar application of <i>Methylobactrium</i> for drought tolerance in Black gram (CO 6)	5	Foliar spray of 2 % DAP at flowering	Seed treatment with methylobactrium @ 20 g /kg.  Foliar spray 2 times during pre and post flowering stage @ 500ml/ha  <i>P.fluorscence</i> @ 10 g/kg+ <i>T.viride</i> @ 4g/kg -ST	-	5795.00	1. Germination Percentage 2.Plant population 3. No.of pods per plant. 4. Yield/ha. 5.BC ratio
2	Bengalgram	Assesment	Assessing the performance of Bengalgram variety in Rain fed condition with ICM practice.	5	Co-4	GBS-963	-	18700.00	1. Germination Percentage 2.Plant population 3. No. of pods per plant. 4. Yield/ha. 5.B:C ratio
3	Maize	Assesment	Assessing the performance of Maize variety in irrigated condition with ICM practice.	5	COHM 5	Hybrid of DHARWD VARIETY	-	12800.00	1.Plant population 2. Plant height. 3. cob length 4.No.of seeds per cob 4. GrainYield/Ha. 5. Bio mass yield/Ha. 6. .B:C ratio

4	Turmeric	Assesment	Assessing the management practices of rhizome rot and foliar disease of Turmeric	5	Drenching and Foliar spray of Propiconazole (Tilt) 3 %	Rhizome treatment with Propiconazole 0.1 %+ Foliar spray with 0.1 % Propiconazole on 120 and 150 DAP	Rhizome treatment with Metalaxyl @2 g/lit + Pseudomonas fluorescens@10g/lit. soil drenching with 0.2% Metalaxyl(90DAP) foliar spray with Mancozeb +Carbendazin @2g/lit (120DAP) foliar spray with Tebuconazole @ 0.1 % on 150 DAP	6060.00	1.Rhizome rot incidence percentage 2.Leaf spot incidence percentage 3.Leaf blotch incidence percentage 4. Yield (qha) - Shelling percentage 5.BC ratio
5	Banana	Assesment	Assessing the performance of micronutrient mixtures in Banana	5	Foliar application of Arka banana special	Foliar application of NRCB banana sakthi	Foliar Application of Zinc Sulphate (0.5%), Ferrous Sulphate (0.2%), Copper Sulphate (0.2%) and Borax (0.1%) at 3,5, and 7 <sup>th</sup> month after planting	18695.00	1.Bunch weight 2.Fruit size 3.Yield/ha 4. BC ratio
6	Poultry	Assesment	Assessing the Performance of desi chick in Coimbatore district.	10	Local variety of rural desi chicken	Hybrid desi chicken - Namakkal 1	-	7300.00	1.Egg production, 2.weight gain, 3.Egg laying periods, 4.Employment generation 5.Egg quality, consumer preference 6.Economic returns,

No. of technologies to be assessed : 6  
Total Number of Trials : 35  
Total Budget requirement in Rs. : 69,350.00

#### 4. Front Line Demonstrations

S. No	Crop / Enterprise	Technology to be demonstrated	No. of demo.	Area in ha. / No. of units	Details of Critical inputs		Total budget (Rs.)	Parameters to be recorded
					Name and quantity (Kg / number / other units if any)	Cost per unit		
01	Sesamum	Improved cultivation practices for rainfed Sesamum ( TMV-7)	15	6	Seed - 5 Kgs MnSo <sub>4</sub> - 5 Kgs Azospirillum – 2.5 Kgs. Phosphobacteria –2.5 Kgs. Quinalphos-2.5 lts  <b>Total</b>	500.00 300.00 250.00 250.00 850.00  <b>2150.00</b>	<b>12,900.00</b>	1. Germination Percentage 2.Plant population 3. No.of pods per plant. 4. Yield/ha. 5.BC ratio
02	Ground nut	ICM in groundnut (Co-6)	10	4	Seed (P0ds)-250 kg Rhizobium– 2.5 Kgs. Phosphobacteria –2.5 Kgs. Groundnut Rich 11kgs	10000-00 250.00 250.00 1375.00 11875.00	<b>47,500-00</b>	1. Germination Percentage 2.Plant population 3. No.of pods per plant. 4. Yield/ha. 5.BC ratio

03	Paddy	ICM in paddy	15	6	<i>P.fluorescens</i> – 5 Kgs <i>T.japanicum</i> – 5cc <i>T.chilonis</i> – 5cc NSKE – 66 Kgs Neem oil – 1 lit  <b>Total</b>	500.00 180.00 180.00 1122.00 380.00  <b>2362.00</b>	<b>14,172.00</b>	1.Plant population 2. Plant height. 3. No.of tillers per hill. 4. % of pest and disease incidence 5. GrainYield/Ha. 6. BC ratio
04	Sorghum	Popularization of Co-30 (dual purpose) and value addition	12	5	Seed -15Kg Bio fertilizer 2 kg <i>P.fluorescens</i> – 2.5 Kgs Atrazine 500g ai/ha <b>Value addition</b> Maize flour-10kg Sorghum10 kg Soya flour- 5kg Fat- 5kg Sugar-7kg Bakery powder-10 packets Essence- 100ml Packaging and labeling Baking oven  <b>Total</b>	300.00 100.00 250.00 225.00  25.00 30.00 40.00 30.00 35.00 50.00 50.00 2000.00 9000.00  <b>12035.00</b>	<b>16,620.00</b>	1. Germination Percentage 2.Plant population 3. No. of grains per plant. 4. Yield/ha. 5. BC ratio

05	Brinjal	ICM in Brinjal	10	2	Seed -250g Arka Vegetable mixture 10 Kgs  <b>Total</b>	1500.00 2000.00 <b>3500.00</b>	<b>7,000.00</b>	1. Germination Percentage 2.Plant population 3. No. of pickings 4. Yield/ha. 5. BC ratio
06	Chillies	ICM IN co(CH)1	10	2	Co(CH)1 – 500g Protrays - 200 nos  <b>Total</b>	11000.00 40.00 <b>11040.00</b>	<b>19,000.00</b>	1. Germination % 2.Plant population 3. No. of pickings 4. Yield/ha. 5. BC ratio
07	Onion	IPDM model for Onion	10	2	PGPR consortia 2 kg <i>Trichoderma viridi</i> 1.25 kg VAM 12.5 Kg Azophos 4 kg Neem cake 250 kg <i>Beauveria bassiana</i> 500 gram Azadarirachtin500ml Profonophos500gram Mancozeb 1 kg Yellow sticky trap 12 Pheromone trap 12  <b>Total</b>	488.00 250.00 1250.00 480.00 4250.00 125.00 190.00 500.00 265.00 600.00 1200.00 <b>9598.00</b>	<b>19,196.00</b>	1. Germination Percentage 2.Plant population 3. % of pest and disease incidence 4. Yield/ha. 5. BC ratio
08	Mixed fodder	Popularization of fodder bank	25	1.5	Cumbu napier Co-4 800 setts COFS-29 – 250 g Hedge Lucerne -400g Agathi -30 nos. Subabul- 250g  <b>Total</b>	200.00 75.00 180.00 150.00 150.00 <b>755.00</b>	<b>18,875.00</b>	1. Yield/ha. 2. BC ratio

09	Goat	Popularizing salt lick to sheep and goat kits	100	25	1.SALT lick – production unit	15000.00	<b>15,000.00</b>	
10	TD Groundnut harvester	Introduction of TD Groundnut harvester	10	3	Hiring charges Transport charges <b>Total</b>	2700.00 2000.00 <b>4700.00</b>	<b>14,100.00</b>	1. Labour saving. 2. Cost saving
11	Motorized Chaff cutter	Introduction of Motorized Chaff cutter.	10	1	Motorized chaff cutter with motor 1 unit	<b>25,000.00</b>	<b>25,000.00</b>	1. Labour saving. 2. Cost saving
12	Curry leaf	Viable packaging for curry leaf	10	1	Weighing machine -1no Baskets-10 Polythene covers different gauges- 1 kg Labeling and packaging Packaging machine <b>Total</b>	3000.00 300.00 2000.00 2000.00 4000.00 <b>11300.00</b>	<b>14,000.00</b>	1. shelf life

No. of Technologies to be demonstrated : 12

No. of demonstrations (farmers) : 137

Total budget requirement in Rs . **2, 23,313.00**

## 5. Summary of targets proposed during 2011-12

S. No	Particulars of intervention	Particulars
<b>01</b>	<b>On farm trial assessment</b>	
	No. of Technologies	<b>6</b>
	No. of trials	<b>35&amp; 100 birds</b>
<b>02</b>	<b>Front line demonstrations</b>	
<b>a</b>	<b>Crops</b>	
	No. of Technologies	<b>10</b>
	No. of demonstrations	<b>102</b>
<b>b</b>	<b>Livestock, poultry and fisheries</b>	
	No. of Technologies	<b>1</b>
	No. of demonstrations	<b>25</b>
<b>c</b>	<b>Other Enterprises</b>	
	No. of Technologies	<b>1</b>
	No. of demonstrations	<b>10</b>
<b>03</b>	<b>Training Programmes</b>	
<b>a</b>	<b>Farmers and farm women</b>	
	No. of courses	<b>242</b>
	No. of farmers	<b>3630</b>
<b>b</b>	<b>Rural Youth</b>	
	No. of courses	<b>24</b>
	No. of farmers	<b>480</b>
<b>c</b>	<b>Extension personnel</b>	
	No. of courses	<b>6</b>
	No. of farmers	<b>120</b>
<b>d</b>	<b>Vocational Programmes</b>	
	No. of courses	<b>5</b>
	No. of farmers	<b>50</b>
<b>04</b>	<b>Extension Programmes</b>	
	Number of programmes	<b>109</b>
<b>05</b>	<b>Production and supply of seeds, planting materials, livestock &amp; bio-products</b>	
	Seeds (Qtl.)	
	ii) Oilseeds	<b>9q</b>
	iii) Pulses	<b>15q</b>
	iii) COFS -29	<b>1q</b>
	Planting materials (Number)	

	iv) Coconut	5000 seedlings
	v) Mullberry seedlings	50000
	vi) Co-4 sets	2,00,000
	Livestock (Number) -Tellichery Goats	75
	Heifers	25
	Bio-products (Number / Quantity in quintals.)	
	Neem soap	1 q
	Pungam soap	1 q
	Vermicompost	10 ton
	Arka Banana Special	2 t
	Arka Vegetable Special	2 t
06	<b>Diagnostic services</b>	
	Soil samples (Number)	300
	Water samples (Number)	200
	Plant samples (Number)	10
07	<b>Title of technology modules to be prepared in e-linkage</b>	--
08	<b>Title of Farmers Field School</b>	ICM in Bengalgram

## 6. Training Programmes

### 6.1. Plan of training programmes for Farmers/ Farm Women during 2011-12

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title	No. of Courses	Skill to be transferred
All crops	Indiscriminate use of fertilizers	Balance use of fertilizers	Importance of soil sampling	6	Soil sampling
All crops	Wastage of crop residues	Effective utilization of farm wastes	Composting techniques	4	Composting of crop and animal waste
All crops	Dumping more fertilizers	Soil fertility	Importance and production of enriched farmyard manure	4	Enriched farmyard manure preparation
All crops	Labour scarcity	Farm machineries	Adoption of seed bed preparation equipments	6	Seed preparation equipments
All crops	Water scarcity	Micro irrigation system	Installation of drip / sprinkler irrigation system	4	Micro irrigation
All crops	Non availability of skilled mechanic	Care and maintenance of farm machineries	Proper care and maintenance of motor pump sets	2	Maintenance of motor pump sets
All crops	Non availability of skilled mechanic	Care and maintenance of farm machineries	Proper care and maintenance of electric controls and panels	2	Care and maintenance
Paddy	Pest and disease	IPDM	Pest and disease management in Rice	2	Identification pest and disease symptoms
Paddy	Improper Nutrient Management	INM	Split application of Nitrogenous fertilizer	2	Fertilizer mixing and application
Maize	Yield reduction due to improper nutrient management	INM	Importance of foliar spraying of micro nutrients in maize	2	Preparation of spray solution Spraying of nutrients
Ragi	Lack of Knowledge on scientific cultivation	ICM	Seed treatment in rainfed Ragi cultivation	2	Seed treatment
Ragi	Lack of knowledge about value addition	Value addition	Value added products from Ragi	2	Processing
Ragi	Labour scarcity	ICM	Weed management in Ragi	2	Quantity of weedicide used
Maize	Lack of knowledge about value addition	Value addition	Value added products from maize	2	Processing
Maize	Yield reduction due to improper nutrient management	ICM	Foliar nutrient spray in Maize	2	Spray nutrient preparation
Sorghum	Lack of knowledge about value addition	Value addition	Value added products from sorghum	2	Processing

Groundnut	Yield reduction due to improper nutrient management	Bio-fertilizer application	Uses and application of bio-fertilizer in rainfed Groundnut	2	Seed treatment with bio-fertilizer Soil application of bio-fertilizer
Groundnut	Yield reduction due to improper nutrient management	Nutrient management	Importance of foliar spraying of nutrients in Groundnut	2	Preparation of spray solution Spraying of nutrients
Groundnut	Yield reduction due to improper plant protection	IPM	Role of bio agents and ETL based plant protection in Groundnut	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Groundnut	Lack of knowledge about value addition	Value addition	Value added products from Groundnut	2	Value addition
Groundnut	Labour scarcity	Farm machineries	Adoption of Manually operated groundnut decorticator	1	Effective techniques to separate seeds from pods
Groundnut	Labour scarcity	Farm machineries	Adoption of 6 row inclined plate planter (TD)	1	Utilization of 6 row inclined plate planter
Groundnut	Labour scarcity	Farm machineries	Role and importance of TD	2	Mechanization
Groundnut	Labour scarcity	Farm machineries	Adoption of Thrasher	1	Mechanical thrashing
Sesamum	Yield reduction due to improper nutrient management	Bio-fertilizer application	Uses and application of bio-fertilizer in rainfed Sesamum	2	Seed treatment with bio-fertilizer Soil application of bio-fertilizer
Sesamum	Yield reduction due to improper nutrient management	Nutrient management	Importance of foliar spraying of nutrients in Sesamum	2	Preparation of spray solution Spraying of nutrients
Sesamum	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETC based plant protection in Sesamum	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Sunflower	Yield reduction due to improper nutrient management	Bio-fertilizer application	Uses and application of bio-fertilizer in Sunflower	1	Seed treatment with bio-fertilizer Soil application of bio-fertilizer
Sunflower	Yield reduction due to improper nutrient management	Nutrient management	Importance of foliar spraying of nutrients in Sunflower	1	Preparation of spray solution Spraying of nutrients
Sunflower	Yield reduction due to poor seed setting	ICM	Spraying of borax in Sunflower	1	Spray solution preparation

Bengalgram	Yield reduction due to improper fertilizer application	Nutrient management	Integrated nutrient management for rainfed Bengalgram	2	Fertilizer application
Bengal gram	Maintenance of poor plant population	ICM	Line sowing and proper spacing in Bengalgram	2	Sowing method
Bengal gram	Poor establishment	ICM	Seed treatment in Bengalgram	2	Seed treatment
Bengalgram	Low yield due to improper plant protection	IPM	Pest and disease management in rainfed Bengalgram	2	Seed treatment and soil application of bio-agents Application of insecticides
Bengal gram	Surplus production	Value addition	Value added products from Bengalgram	2	Value addition
Bengal gram	Labour scarcity	Farm machineries	Adoption of 6 row inclined plate planter (TD)	1	Utilization of 6 row inclined plate planter
Bengal gram	Labour scarcity	Farm machineries	Adoption of Thrasher	1	Mechanical threshing
Blackgram	Low yield due to using of local/unknown variety	Introduction of high yielding variety	Role and importance of new high yielding variety in rainfed Greengram cultivation	1	Sowing of new high yielding variety with local variety
Blackgram	Yield reduction due to improper nutrient management	Bio-fertilizer application	Uses and application of bio-fertilizer in rainfed Greengram	1	Seed treatment with bio-fertilizer Soil application of bio-fertilizer
Black gram	Yield reduction due to improper nutrient management	Nutrient management	Importance of foliar spraying of nutrients in Greengram	1	Preparation of spray solution Spraying of nutrients
Black gram	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETC based plant protection in Greengram	1	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Greengram	Lack of knowledge about processing	To create awareness about greengram in daily diet	Value addition of Greengram	2	Value addition
Cereals and pulses	Lack of knowledge about safety storage	To create scientific storage methods	Safety storage methods	2	Safety storage
Cereals and pulses	Labour scarcity	Farm machineries	Adoption of power tiller in wetland puddling	2	Mechanization in puddling
Cereals and pulses	Labour scarcity	Farm machineries	Adoption of 8 row drum seeder	2	Mechanization in direct sowing
Cereals and pulses	Labour scarcity	Farm machineries	Adoption of Various mechanical weeders	2	Mechanization in weeding
Cereals and pulses	Labour scarcity	Farm machineries	Adoption of combine harvester	1	Mechanization Harvesting
Cereals and pulses	Labour scarcity	Farm machineries	Adoption of power weeders	2	Mechanization in weeding

Cereals and pulses	Labour scarcity	Farm machineries	Adoption of Harvester in Sorghum	2	Harvester
Cotton	Yield reduction due to improper nutrient management	Bio-fertilizer application	Uses and application of bio-fertilizer in rainfed Cotton	2	Seed treatment with bio-fertilizer Soil application of bio-fertilizer
Cotton	Yield reduction due to improper nutrient management	Nutrient management	Importance of foliar spraying of nutrients in Cotton	1	Preparation of spray solution Spraying of nutrients
Cotton	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETC based plant protection in Cotton	1	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Cotton	Ineffective water harvesting techniques	Farm mechanization	Adoption of chisel plough	2	Increase the water holding capacity
Cotton	More weed infestation and labour scarcity	Farm mechanization	Adoption of Power weeder	2	Weeding by power weeder
Sugarcane	Yield reduction due to improper nutrient management	Nutrient management	Importance of foliar spraying of micro nutrients in sugarcane	1	Preparation of spray solution Spraying of nutrients
Sugarcane	Water scarcity	Micro irrigation	Installation of drip irrigation system	2	Drip irrigation
Sugarcane	Removable of stubbles	Farm mechanization	Introduction of rotavator (TD)	2	Pulverizing of stubbles / residues in the soils
Sugarcane	Labour scarcity	Farm mechanization	Introduction of Mini tractor	1	Mechanization
Chillies	Low yield due to using of local variety	Introduction of high yielding variety	Role and importance of new high yielding variety	1	Sowing of new high yielding variety with local variety
Chillies	Yield reduction due to improper nutrient management	INM	Cultivation of Hybrid Chillies	2	Soil application of bio fertilizers, Time of application of fertilizers
Chillies	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Chillies	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Onion	Low yield due to using of local variety	Introduction of high yielding variety	Role and importance of new high yielding variety	1	Sowing of new high yielding variety with local variety
Onion	Yield reduction due to improper nutrient management	Nutrient management	INM in Onion	2	Soil application of bio fertilizers, Time of application of fertilizers
Onion	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Onion	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides

Brinjal	Low yield due to using of local variety	Introduction of high yielding variety	Role and importance of new high yielding variety	1	Sowing of new high yielding variety with local variety
Brinjal	Yield reduction due to improper nutrient management	Nutrient management	INM in Brinjal	2	Soil application of bio fertilizers, Time of application of fertilizers
Brinjal	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Brinjal	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Brinjal	Water scarcity	Farm mechanization	Installation of low cost drip irrigation system	2	Drip irrigation
Brinjal	Pest and diseases	Farm mechanization	Adoption of high tech sprayers	1	Effective utilization of plant protection equipments
Bhendi	Yield reduction due to improper nutrient management	Nutrient management	INM in Bhendi	2	Soil application of bio fertilizers, Time of application of fertilizers
Bhendi	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Bhendi	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Bhendi	Painful process	Reduce the drudgery	Adoption of low cost finger glove	2	Safety plucking method
Bhendi	Pest and diseases	Plant protection equipments	Adoption of high tech sprayers	1	Effective utilization of plant protection equipments
Tomato	Low yield due to using of local variety	Introduction of high yielding variety	Role and importance of new high yielding variety	1	Sowing of new high yielding variety with local variety
Tomato	Yield reduction due to improper nutrient management	Nutrient management	INM in Tomato	2	Soil application of bio fertilizers, Time of application of fertilizers
Tomato	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Tomato	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Tomato	Post harvest loss	To create awareness about tomato based products	Value addition of tomato	3	Value addition
Tomato	Improper maintenance	Use of plastic in farming practices	Care and maintenance of poly house	2	Poly house
Banana	Low yield due to improper planting method	To create awareness about high density planting method	Role and importance of high density planting method	2	high density planting method

Banana	Yield reduction due to improper nutrient management	Nutrient management	Foliar spray of micro nutrients	2	Soil application of bio fertilizers, Time of application of fertilizers
Banana	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Banana	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Banana	Post harvest loss	Value addition	Value added products from banana	3	Value addition
Banana	Labour scarcity	Farm mechanization	Adoption of motorized earth augur	3	Pit making
Banana	Water scarcity	Installation and maintenance of micro irrigation system	Installation of drip irrigation system	2	Drip irrigation
Banana	Weeds	Farm machineries	Adoption of power weeder	2	Power weeder
Banana	Wastage of plant residues	Farm machineries	Adoption of shredder	2	Composting of crop residues with shredder
Turmeric	Low yield due to using of local variety	ICM	Role and importance of new high yielding variety	1	Scientific cultivation
Turmeric	Yield reduction due to improper nutrient management	Nutrient management	INM in Turmeric	2	Application method
Turmeric	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Turmeric	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Turmeric	Labour scarcity	Post harvest technology	Adoption of steam boiler	2	Steam boiling
Turmeric	Water scarcity	Water management	Adoption of Rain gun	1	Installation of rain gun
Curry leaf	Low yield due to using of local variety	Introduction of high yielding variety	Role and importance of new high yielding variety	1	Sowing of new high yielding variety with local variety
Curry leaf	Yield reduction due to improper nutrient management	Nutrient management	INM in Curry leaf	2	Soil application of bio fertilizers, Time of application of fertilizers
Curry leaf	Yield reduction due to improper plant protection	Plant protection	Sucking pest and indiscriminate use of pesticide	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Curry leaf	Water scarcity	Micro irrigation	Installation of low cost drip irrigation system	2	Drip irrigation
Curry leaf	Pest and diseases	Plant protection equipments	Adoption of high tech sprayers	1	Effective utilization of plant protection equipments

Curry leaf	Lack of knowledge about processing and packaging	Micro irrigation	Processing of curry leaf	2	Processing and packaging
Coleus	Low yield due to using of local variety	Introduction of high yielding variety	Role and importance of new high yielding variety	1	Sowing of new high yielding variety with local variety
Coleus	Yield reduction due to improper nutrient management	Nutrient management	INM in Coleus	2	Soil application of bio fertilizers, Time of application of fertilizers
Coleus	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Coleus	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Jasmine	Yield reduction due to improper nutrient management	Nutrient management	INM in Mullai	2	Soil application of bio fertilizers, Time of application of fertilizers
Jasmine	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Mullai	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Coconut	Low yield due to using of local variety	Introduction of high yielding variety	Role and importance of new high yielding variety	1	Sowing of new high yielding variety with local variety
Coconut	Yield reduction due to improper nutrient management	Nutrient management	INM in Coconut	2	Soil application of bio fertilizers, Time of application of fertilizers
Coconut	Low income	To create awareness about intercropping system	Role and importance of intercropping system	1	Intercropping system
Coconut	Yield reduction due to improper plant protection	Plant protection	Role of bio agents and ETL based plant protection in Coconut	2	Seed treatment with bio-agents Soil application of bio-agents Spraying of insecticides
Coconut	Water scarcity	Installation and maintenance of micro irrigation system	Installation of drip irrigation system	2	Drip irrigation
Coconut	Wastage of plant residues	Farm machineries	Adoption of shredder	2	Composting of coconut residues with shredder
Dairy farming	Lack of awareness on green fodder	Cultivation and utilization of cereal green fodder	Cultivation of COFS 29	2	Cultivation practices
Dairy farming	Lack of awareness on green fodder	Cultivation and utilization of cereal green fodder	Cultivation of CO4	2	Cultivation practices

Farm animals	Lack of awareness on green fodder	Cultivation and utilization of pulse green fodder	Cultivation of Desman thus	2	Cultivation practices
Dairy Farming	Lack of awareness on green fodder	Cultivation and utilization of pulse green fodder	Cultivation of Agathi and Subabul	2	Cultivation practices
Dairy Farming	Increased feed cost	Cultivation and utilization of green fodder	Production of multiple fodder crops in single field	2	Cultivation practices
Dairy Farming	Lack of awareness about clean milk production	Quality and clean milk production	Clean milk production	2	Cleaning of animal shed, animals and milking vessels
Dairy farming	Low milk yield	To increase milk production in animals	Importance of concentrate feed in milch animals	2	Proportional mixing of concentrate feed
Dairy farming	Increased feed cost	To reduce feed cost	Cultivation of azolla	2	Azolla cultivation
Dairy farming	Seed/ Seedling production	To produce seedlings	Importance of green fodder cultivation techniques	2	Seedling production
Forage crop	Labour scarcity	To reduce labour Problem	Introduction of Motorized chaff cutter	2	Supply of Quality Fodder
Sheep and goat	Mineral deficiency in sheep and goat kids	To overcome mineral deficiency in kids	Importance of salt lick in sheep and goat	4	Reduce mineral deficiency
Backyard poultry	Nutritional security	To give nutritional security	Nutrition security and income generation through backyard poultry rearing	2	Backyard poultry rearing
Food products	Adulteration	To create awareness about adulteration	Identification of adulteration in common food stuffs	2	Identification of adulteration
Micro nutrient	Micro nutrient deficiency in farm women	To create awareness about nutritional deficiency	Role of micro nutrient in human diet	3	Incorporation
Greens	Lack of knowledge about nutrition	To create awareness about greens in daily diet	Importance of greens in daily diet	2	Enrichment
Milk	Surplus production	To create awareness about value addition	Value added products from milk	2	Processing
Rural women empowerment	Women force in agriculture is unrecognized	Motivating rural women to form SHGs and JLGS	EDP to rural women	4	Enterprise related techniques

## 6.2. Plan of training programmes for Rural Youth during 2011-12

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title	No. of Courses	Skill to be transferred
All crops	Wastage of crop residues	Effective utilization of farm wastes	Composting techniques	4	Composting of crop and animal waste
All crops	Dumping more fertilizers	Soil fertility	Importance and production of enriched farmyard manure	4	Enriched farmyard manure preparation
Coconut	Low income in pure crop	To create awareness about intercropping system	Role and importance of intercropping system	4	Lay out of intercropping system
Sheep and goat	Unaware of scientific rearing techniques	Sheep and goat rearing	Sheep and goat rearing	2	Rearing techniques
All crops	Water scarcity	Installation and maintenance of micro irrigation system	Installation of drip irrigation system	2	Drip system maintenance
Amla	Lack of knowledge about processing	Value addition	Value added products from amla	4	Processing
Banana	Lack of knowledge about processing	Value addition	Value added products from banana	4	Processing

## 6.3. Plan for training programmes for Extension Personnel during 2011-12

Crop / Enterprise	Identified Thrust Area	Organization	Training Course Title	No. of Courses	Skill to be transferred
Maize	Crop improvement	Extension workers of NGO's	Improved cultivation practices in maize	1	Improved cultivation practices
Coconut	Intercropping in coconut	Extension workers of NGO's	Intercropping system in coconut	1	Lay out of intercropping system
All crops	Nutrient use efficiency	Extension workers of NGO's	Role of VDK in Agriculture	1	Diagnosing Deficiency Symptoms
Pulses	Lack of knowledge about incorporation	ICDS Staff	Incorporation of pulses in daily diet	1	Incorporation
Dairy	Hygienic milk production	Aavin	Clean milk production	1	Milking techniques
Groundnut	Farm Machineries	State Dept Agrl. Engg.	Introduction of TD Groundnut harvester	1	Harvesting techniques

#### 6.4. Plan of vocational training programmes for Young Farmers during 2011-12

Crop / Enterprise	Identified Thrust Area	Training title	No. of programmes and Duration (days)	Skill to be transferred
Fruits and vegetables	Post harvest losses due to lack of facilities and processing techniques	Processing and preservation of Fruits and Vegetables	1 (3 days)	Preservation techniques
Pulses	Seed production	Seed production technique in pulses	1(5 days)	Production techniques
Water lifting devices	Repairs and maintenance of farm machineries	Repairs and maintenance of submersible pump sets	1 (7 days)	Care and maintenance of pumpsets
Farm wastes	Organic farming	Vermicomposting	1 (5 days)	Vermicomposting techniques
Mulberry/ Silkworm	Sericulture	Silk worm production	1(5 days)	Mulberry cultivation, Silkworm rearing techniques

#### 6.5. Plan for sponsored training programme during 2011-12

Crop/ Enterprise	Identified Thrust Area	Organization	Training course title	No. of Courses	Sponsored Agency	Skill to be transferred
Home care products	Entrepreneurial development of youths	Center for women studies-AU	Training on Home care product preparation	1	Center for women studies-AU	Preparation of Home care products
Tailoring and stitching	Rural craft	RKMV, P.N palayam	Tailoring and stitching	2	Community polytechnic, RKMV	Tailoring and stitching
Milk	Small scale processing and value addition	NABARD	Value added products from Milk	1	NABARD	Value addition
Tomato	Post harvest technology	ATMA	Value added products from tomato	3	ATMA	Value addition
Banana	Value addition	ATMA	Value added products from banana	2	ATMA	Value addition
Power tiller	Farm machineries	State Dept of Agrl Engineering	Care and maintenance of power tiller	1	State Dept of Agrl Engineering	Care and maintenance
Tractor	Farm machineries	Mahindra and Mahindra	Care and maintenance of tractor	1	Mahindra and Mahindra	Care and maintenance
Cereals and pulses	Post harvest	Ware housing corporation	Proper storage methods	1	Ware housing corporation	Safety storage

Subsidies schemes	Farm machineries	State Dept of Agrl Engineering	Utilization of Govt subsidies schemes in farm mechanization	2	State Dept of Agrl Engineering	Farm mechanization
Water shed	Water harvest	State Dept of Agrl Engineering	Water harvesting techniques	1	State Dept of Agrl Engineering	Water harvest
Sericulture	Sericulture	ATMA	Mulberry cultivation and Silk worm production	2	ATMA	Mulberry cultivation and silk worm rearing
Pulses	Integrated crop management	ATMA	Integrated Nutrient management	4	ATMA	Management practices
Oilseeds	Integrated Crop management	ATMA	Integrated Nutrient management	4	ATMA	Management practices
Dairy farming	Dairy farming	ATMA	Dairy farming	2	ATMA	Cattle rearing techniques
Goat rearing	Goat rearing	ATMA	Goat rearing	2	ATMA	Goat rearing techniques

## 7. Extension programmes planned for 2011-12

<i>Month</i>	<i>Block &amp; village</i>	<i>Extension activity</i>	<i>Its relation to KVK activities</i>	<i>Expected category of participants</i>	<i>Remarks</i>
October	Karamdai	World food day	-	55	
June	Pollachi	World Environment day	--	55	
December	Karamadai	Vaccination camp	--	500 animals	
August – March	Karamadai, S.S.Kulam, Annur and Anaimalai	Field day	OFT	350	
August – March	Karamadai, S.S.Kulam, Annur, Anaimalai, Pollachi, Kinathukadavu and Sular	Field day	FLD	700	
November	Karamadai	Seminar	-	200	
November-December	Karamadai, Annur	Soil health campaign	-	200	
December	Karamadai	Celebration of Agricultural Technology week	-	1000	
March	Karamadai	Women's day	-	50	

## 8. Details of print & electronic media coverage planned for 2011-12

<b>Sl. No</b>	<b>Nature of Literature / publications</b>	<b>No of copies</b>	<b>Proposed title of the Publications</b>
1.	Book let	500	Improved cultivation practices for Curry leaf
2.	Book let	500	Pest and diseases management in Vegetables
3.	Book let	500	Improved cultivation practices for Onion
4.	Book let	500	Improved cultivation practices for Turmeric
5.	Book let	500	Intercropping methods in Coconut
6.	Book let	500	Integrated nutrient in Bhendi
7.	Book let	500	Integrated nutrient in Coconut
8.	Book let	500	Value added products from Amla
9.	Book let	500	Value added products from Curryleaf
10.	Book let	500	Value added products from Sorghum and Maize
11.	Booklet	500	Water harvesting techniques
12.	Leaf let	500	Scientific sheep and goat rearing
13.	Leaf let	500	Milch animal management
14.	Leaf let	500	Scientific cultivation practices for Greengram
15.	Leaf let	500	Improved cultivation practices for Sunflower
16.	Leaf let	500	Improved cultivation practices for Groundnut
17.	Leaf let	500	Seed production technique in Fodder Sorghum
18.	Leaf let	500	Improved cultivation practices for CO 4 grasses
19.	Leaf let	500	Groundnut decorticator – utilization
20.	Leaf let	500	Operation and maintenance of plant protection equipments
21.	Leaf let	500	Rain water harvesting techniques in farms
22.	Leaf let	500	Utilization of chisel plough
23.	Leaflet	500	Motorized earth augur in Banana
24.	Leaflet	500	Drip irrigation system in Banana

<b>Sl. No.</b>	<b>Nature of media coverage</b>	<b>Proposed title of the programme to be telecasted/ broadcast</b>
<b>1</b>	Radio	Importance of soil and water testing
2	Radio	ICM In Maize
3	Radio	ICM in groundnut
4	Radio	ICM in bengalgram
5	Radio	Value added products from Amla
6	Radio	Care and maintenance of poly house
7	Radio	Organic plant protection methods in tomato
8	Radio	Sheep and goat rearing techniques
9	Radio	Importance of millets in daily diet
10	Radio	Groundnut decorticator as labour saving equipment

## 9. Status of KVK farm and Demonstration units

No. of blocks	Area (ac)	Source of irrigation	Season	Crop/enterprise/ demonstration units	Size (no. of units/area)	Expected output	
						Quantity	Value
A block	20	Rainfed	Perennial	Dry land orchard (established before four years) Tamarind and Amla	8.0	13 q	15,000.00
			Kharif, 2011	Greengram	5.0	10 q	55,000.00
			Kharif, 2011	Cow-pea	3.0	5 q	18,000.00
			Kharif, 2011	Gingelly	4.0	9 q	45,000.00
B Block	20	Well	Perennial	Mulberry	2.5	Cocoon 8 q Seedlings 50,000 Nos.	32,000.00 75,000.00
		Well	Kharif, 2011	Turmeric	2.0	15q (dried)	105,000.00
		Well	Perennial	Orchard (six month old)	2.0	-	-
		Well	Summer	Sunhemp	2.0	3q	9,000.00
		Well	Summer	Medicinal plant and kitchen garden (demonstration plot)	2.0	-	-
		Well	Perennial	Co.3	0.5	20,000 Nos. of setts	5,000.00
C Block	5.5	Well	Perennial	Co.4	2.0	1,00,000 Nos.of sets	30,000.00
		Well	Perennial	Coconut	3.0	25,000 Nos.	1,50,000.00
		Well	Perennial	Coconut nursery	0.5	6000 Nos.	1,50,000.00
D Block	700 sft	Well	Perennial	Vermi-compost Earth worm	700 sft	30 q 0.05	15,000.00 1,500.00
	980 sft	Well	Kharif, 2011	Vegetable seedling	980 sft	40000 Nos. of seedlings	20,000.00

## 10. Technology Week

Particulars	Details
Period of Technology Week Observed during 2010-11	Third week of March ,2011
Period of Technology Week planned during 2011-12	Last week of December ,2012
No. of demonstrations planned to be conducted in KVK Campus to show to the farmers during Technology Week	20
Other activities / Programmes planned in connection with Technology Week	Exhibition Seminars Fairs Best farmer competitions Cultural programmes

## 11. Farmer's Field School planned during 2011-12

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
1	Integrated crop management	Integrated crop management in Bengalgram	25000.00