

## II. ACTION PLAN (April-13 to March-14)

### Training Programme: Quarter wise Summary

Sr. No.	Subject	On Campus					Off Campus					G.T.
		I	II	III	IV	T	I	II	III	IV	T	
1.	Crop Production	1	1	2	1	5	2	1	2	2	7	12
2.	Pl. Protection	1	1	1	1	4	2	2	2	2	8	12
3.	Home Science	1	1	1	1	4	1	1	1	1	4	08
4.	Agril. Extension	2	1	2	1	6	2	3	1	1	7	13
5.	Animal Science	1	2	2	1	6	2	2	2	2	8	14
6.	Seed Production	2	0	2	1	5	2	0	2	1	5	10
7.	Horticulture	1	1	0	0	2	0	2	0	1	3	05
8.	Agril. Engineering	1	2	1	1	5	2	0	0	1	3	08
9.	Soil Science	1	1	0	0	2	1	1	0	0	2	04
10	Fisheries	0	0	1	1	2	0	1	1	0	2	04
	<b>Total</b>	<b>11</b>	<b>10</b>	<b>12</b>	<b>8</b>	<b>41</b>	<b>14</b>	<b>13</b>	<b>11</b>	<b>11</b>	<b>49</b>	<b>90</b>

### Summary of Training Programme

Sr. No.	Subject	On campus	Off campus	Total
1	Training for F, FW & RY			
1.	Crop Production	5	7	12
2.	Pl. Protection	4	8	12
3.	Home science	4	4	08
4.	Agril. Extension	6	7	13
5.	Animal Science	6	8	14
6.	Seed Production	5	5	10
	Horticulture	2	3	05
7.	Agril. Engineering	5	3	08
8.	Soil Science	2	2	04
9.	Fisheries	2	2	04
	<b>Total A</b>	<b>41</b>	<b>49</b>	<b>90</b>
2	Vocational training	6	0	6
3	In-service Training	3	2	5
4	Seed Village Programme	3	3	6
5	ATIC	4	4	8
	<b>GRAND TOTAL</b>	<b>55</b>	<b>60</b>	<b>115</b>

### On Campus training Programme:

Subject	Title of Training	Dura Days	Probable date	No. of parti.	Type of Parti.
<b>I. Quarter : (1<sup>st</sup> April to 30<sup>th</sup> June, 2013)</b>					
Crop Production	• Improved cultivation practices for Cotton and Sesamum	1	24/04/13	25	F
Pl. Protection	• Seed Treatment in Kharif crops	1	30/05/13	25	FW
Home science	• Detergent powder, soap making and phenyl making at household level	1	--	25	FW
Agril. Extension	• Farm Management	1	30/05/13	25	RY
	• Govt. subsidy schemes in agriculture	1	03/06/13	25	RY
Animal Science	• Care and management of animal during summer	1	27/05/13	25	FW
Seed Production	• Seeds production technique in Groundnut	1	09/05/13	25	F
	• Seeds production technique in Sesamum	1	15/06/13	25	F
Horticulture	• Cultivation of Tomato in Poly house	1	17/04/13	25	F
Soil Science	• Soil Sampling	1	19/04/13	25	F
Agril Engg	• Use of Laser land leveler & Rotavator	1	25/04/13	25	RY
<b>II. Quarter : (1<sup>st</sup> July to 30<sup>th</sup> September, 2013)</b>					
Crop Production	• Castor production technology	1	10/07/13	25	F
Pl. Protection	• Biological & Chemical Control measures for pest and disease of Cotton & Sesamum	1	06/07/13	25	F
Home sci.	• Solar Cooker: Uses & Advantages	1	--	25	FW
Agril. Extension	• Group dynamics	1	02/07/13	25	F
Animal Science	• Care and management of livestock during monsoon	1	19/07/13	25	F
	• Importance and use of green fodder in milk production	1	06/08/13	25	F
Horticulture	• Cultivation of Capsicum in Poly house	1	10/07/13	25	F
Soil Science	• Balance fertilization & INM in Cotton	1	06/07/13	25	F

Agril Engg	• Micro irrigation systems	1	12/07/13	25	RY
	• Soil moisture conservation practices	1	15/07/13	25	RY

### III. Quarter : (1<sup>st</sup> October to 31<sup>st</sup> December, 2013)

Crop Production	• Improved cultivation practices for wheat & cumin	1	10/10/13	25	F
	• Integrated weed management in rabi field crops		02/11/13	25	RY
Pl. Protection	• Control measures for pest and disease in Cumin	1	22/10/13	25	F
Home science	• Value addition in fruits and vegetables	1	--	25	RY
Agril. Extension	• Effect of global warming and climatic changes in Agriculture	1	15/10/13	25	F
	• Formation & Management of SHGs	1	02/12/13	25	RY
Animal Science	• Foot & Mouth disease and its control	1	28/11/13	25	F
	• Providing awareness about AI with audio visual aid.	1	19/12/13	25	RY
Seed Production	• Seeds production technique in Cumin & Wheat	1	05/11/13	25	RY
	• Seeds production technique in Onion	1	22/11/13	25	RY
Agril Engg	• Use of improved farm implements	1	25/10/13	25	F
Fisheries	• Value addition in Fish	1	20/10/13	25	RY

### IV. Quarter : (1<sup>st</sup> January to 31<sup>st</sup> March, 2014)

Crop Production	• Preparation of enriched Compost	1	23/02/14	25	F
Pl. Protection	• Precaution while handling pesticides.	1	06/01/14	25	F
Home Sci.	• Rural craft for income generation	1	--	25	FW
Agril. Extension	• Entrepreneurial developments of farmer through secondary agriculture	1	07/01/14	25	F
Animal Science	• Creating awareness about balance nutrition management.	1	28/02/14	25	F
Seed Production	• Seeds production technique in Summer Groundnut	1	20/02/14	25	F
Agril Engg	• Introduction and use of Chaff-Cutter	1	20/02/14	25	RY
Fisheries	• Fresh water prawn farming	1	20/02/14	25	RY

### Off Campus training Programme:

Subject	Title of Training	Dura Days	Probable date	No. of parti.	Type Of Parti.
<b>I. Quarter : (1<sup>st</sup> April to 30<sup>th</sup> June, 2013)</b>					
Crop Production	• Crop Production technology in kharif pulses & Gum guar	1	09/05/13	25	F
	• Integrated Nutrient Management in major Kharif field crops	1	11/06/13	25	F
Pl. Protection	• IPM in Cotton	1	11/06/13	25	F
	• Management of pest and disease of Sesame	1	22/06/13	25	F
Home science	• Preparation of Mango pickles, potato and banana wafers	1	--	25	FW
Agril. Extension	• Govt. subsidy schemes in agriculture	1	03/06/13	25	RY
	• Enterpreneurial development of farmers	1	28/06/13	25	RY
Animal Science	• Importance of colostrums in calves	1	28/04/13	25	F
	• Care & management of animals during summer	1	16/05/13	25	F
Seed Production	• Seeds production technique in Sesamum	1	20/06/13	25	F
	• Seeds production technique in Groundnut	1	27/06/13	25	F
Agril Engg	• Rain water harvesting technology	1	20/6/13	25	RY
	• Use of Laser land leveler & Rotavator	1	25/6/13	25	RY
Soil Science	• Soil Sampling	1	19/04/13	25	F
<b>II. Quarter : (1<sup>st</sup> July to 30<sup>th</sup> September, 2013)</b>					
Crop Production	• Improved cultivation practices for Fennel & Gram	1	20/09/13	25	F
Pl. Protection	• Management of pest & diseases of Vegetables	1	09/07/13	25	F
	• IPM in Castor	1	26/08/13	25	F
Home science	• Awareness about vaccination in children & Nutrition education	1	--	25	FW
Agril. Extension	• Income generation activities for farmers through secondary agri.	1	01/07/13	25	F
	• Leadership development	1	12/08/13	25	RY
	• WTO & IPR issues	1	13/09/13	25	F

Animal Science	• Hemorrhagic Septicemia and its control	1	07/07/13	25	F
	• Fodder crop production technology	1	13/08/13	25	F
Horticulture	• Cultivation of tomato & capsicum in poly house	1	23/07/13	25	F
	• Raising of Seedlings of Vegetable crops	1	01/08/13	25	FW
Fisheries	• Value addition in Fish	1	10/08/13	25	RY
Soil science	• Soil reclamation	1	02/07/13	25	RY

### III. Quarter : (1<sup>st</sup> October to 31<sup>st</sup> December, 2013)

Crop Production	• Integrated weed management in major rabi field crops	1	13/11/13	25	F
	• Efficient water management in major rabi field crops	1	27/11/13	25	F
Pl. Protection	• Seeds treatment in Rabi crops	1	11/11/13	25	FW
	• Control measures for pest and disease in Rabi crops	1	16/12/13	25	F
Home science	• Use of sprouted pulses and protein rich diet for low cost nutrition as well as supplementation	1	--	25	FW
Agril. Extension	• Group dynamics & mobilization of social capitals	1	15/10/13	25	RY
Animal Science	• Clean milk production by proper milking, watering & washing	1	17/10/13	25	FW
	• Promoting awareness about Animal health care during winter	1	26/12/13	25	F
Seed Production	• Seeds production technique in Cumin	1	22/11/13	25	F
	• Seeds production technique in Wheat	1	05/12/13	25	F
Fisheries	• Fresh water prawn farming	1	20/10/13	25	RY

### IV. Quarter : (1<sup>st</sup> January to 31<sup>st</sup> March, 2013)

Crop Production	• Production technology of summer Gum guar and Sesame	1	06/02/13	25	F
	• Preparation of vermicompost & vermiwash	1	04/03/14	25	F
Pl. Protection	• Honey bee- Rearing techniques	1	20/01/14	25	F
	• Importance of Natural enemies	1	10/02/14	25	F
Home science	• Value addition in Anola & Preparation of different bakery items	1	--	25	FW

Agril. Extension	• Government subsidy schemes in agriculture	1	03/01/14	25	F
Animal Science	• Management of reproductive disorder in animals.	1	15/01/14	25	F
	• Importance of AI in Cow & Buffalo	1	16/02/14	25	F
Seed Production	• Seeds production technique in summer Groundnut & summer sesame	1	05/02/14	25	F
Horticulture	• Protected Cultivation	1	26/01/14	25	F
Agril Engg	• Uses of Improved farm implements	1	07/01/14	25	F

### Vocational Training Programme:

Sr. No.	Discipline	Title of Training	Dura. Days	Type of parti
1	Animal Science	• Poultry Rearing	2	RY
		• Goat Rearing	2	RY
2	Agril. Ext. / Agril Engg.	• Repair & Maintenance of Improved Farm Implements	2	RY
3	Plant Protection	• Honey Bee Rearing	2	RY
4	Home Science	• Preparation of Mango pickles and preservation of mango pulp	2	RY
		• Value addition in vegetables	2	FW

### Training for Extension Functionaries (In-service):

Sr. No.	Title of Training	Dura. Days	No. of parti.	Type of parti.
1.	Protected cultivation	1	25	Ext Workers
2.	Pre-seasonal training on <i>Kharif</i> crops	1	25	Ext Workers
3.	Pre-seasonal training on <i>Rabi</i> crops	1	25	Ext Workers
4.	Preventive measure and first aid treatment of important disease in dairy animals	1	25	Ext Workers
5.	Cotton production technology	1	25	Ext Workers

## Physical Targets of FLD's to be conducted during 2013-14

Particulars of the FLD	Season	Crop	Area (in ha)	No. of Demo.
Oilseeds	Kharif	Groundnut	4	10
		Sesamum	4	10
Pulses	Kharif	Green gram	4	10
	Rabi	Gram	4	10
Other Crops	Rabi	Cumin	8	20
		Wheat	8	20
<b>Other Demonstrations</b>				
• Trichoderma culture	Kharif	Groundnut	2	05
• Cotton Mini-mission	Kharif	Cotton	10	25
• Veterinary First Aid Kit	--	Buffalo	--	10
	--	Cow	--	10
<b>TOTAL FLDs</b>			<b>44</b>	<b>130</b>

## Physical Targets of OFT's to be conducted during 2013-14:

### 1. Assessment of sulphur in cumin

<b>Objective</b>	<b>To increase the yield by different sources of Sulphur</b>
<b>Reason for low yield of Cumin</b>	1. Lack of knowledge of Sulphur application. 2. Sulphur deficient soil of district (60% Area) 3. Unbalance fertilization.
<b>Technical Intervention</b>	Management of sulphur application in Cumin
<b>Treatments</b>	1. Farmers practice (Control) 2. Recommended dose of fertilizer (30-15-0 NPK kg/ha) through DAP & Urea 3. T-2 + 15 kg Sulphur through Gypsum 4. Recommended dose of fertilizer (30-15-0 NPK kg/ha) through Ammonium Sulphate & Single Super Phosphate. 5. T-2 + 10 kg elementary sulphur

## 2. Management of Mealy bug infestation in Cotton.

<b>Objective</b>	<b>To minimize the incidence of mealy bug in cotton.</b>
<b>Reason for low yield of Cotton</b>	<ol style="list-style-type: none"> <li>1. Lack of knowledge about the use of particular pesticides.</li> <li>2. No adoption of recommended practices.</li> <li>3. Farmers follows instruction given by the local pesticides retailer.</li> </ol>
<b>Technical Intervention</b>	Management of mealy bug in cotton.
<b>Treatments</b>	<ol style="list-style-type: none"> <li>1. Farmers practice (Use of conventional insecticides after infestation)</li> <li>2. Recommended practices: pre-sowing application of Methyl parathion 2% Dust, application of insecticides at the time of infestation &amp; Recommended cultural practices.</li> <li>3. Dusting of Methyl parathion 2% dust as &amp; when required, application of bio-pesticides (Beaveria spp. or Verticillium spp.)</li> </ol>

## 3. Chelated & Area Specific Mineral mixture for dairy buffaloes

<b>Objective</b>	<b>To increase milk yield &amp; regularity of heat</b>
<b>Reason</b>	1. Low milk production & infertility problems in dairy buffalo
<b>Technical Intervention</b>	Enhancement of milk production with improve reproductive efficiency
<b>Treatments</b>	<ol style="list-style-type: none"> <li>1. Farmers practices (Control)</li> <li>2. Buffalo fed with 50 gms/day mineral mixture supplementation (Reco.)</li> <li>3. Buffalo fed with 50 gms/day chelated mineral mixture supplementation (Intervention-1)</li> <li>4. Buffalo fed with 50 gms/day area specific mineral mixture supplementation (Intervention-2)</li> </ol>
<b>Parameters</b>	<ol style="list-style-type: none"> <li>1 Milk yield</li> <li>2 Postpartum estrus</li> <li>3 No. of insemination for conception</li> </ol>



### Other Extension activities

Particulars	No.	Particulars	No.
Kisan mela	01	Film shows	20
Field day	20	Exhibition	01
Kisan gothi	10	News paper coverage	06
Radio / TV talk	04	Popular articles	10
Advisory services	25	Kisan Mahila Meeting	02
Animal treatment camp	10	Celebration of important days / Week	04
<b>Extension literature</b>		<b>Diagnostic services</b>	
Folder / pamphlets	20	1. Farmers visit to KVK	As & when Required
Night Meeting	15	2. Scientists visit to farmers field	As & when Required