DETAILS OF ACTION PLAN OF KVKs DURING 2017-18

(1st April 2017 to 31st March 2018)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephon	e	E mail	Website
Krishi Vigyan Kendra, Junagadh Agricultural	Office	FAX	kvk_khpat@yaho	-
University, Adityana Road, Opp. Saint Joseph	0286-2912562	-	o.co.in	
School, Khapat-360579 Dist. Porbandar,			kvkkhapat@jau.in	
Gujarat				

1.2 .a. Name and address of host organization with phone, fax and e-mail

Address	Telepl	none	E mail	Website
	Office	FAX		
Junagadh Agricultural University, Motibaug, Junagadh-362001, Gujarat	(1)0285- 2671784 (2)0285-2672080-90	(1) 0285-2672004 (2) 0285-2672653	-	www.jau.in

1.2.b. Status of KVK website: Yes/No

1.2.c. No. of Visitors (Hits) to your KVK website (as on today): NA

1.2.d Status of ICT lab at your KVK: NA

1.3. Name of the Programme Coordinator with phone & mobile no.

Name		Telepho	one / Contact
5 5 1/ 6 / 1	Office	Mobile	Email
Dr. R. K. Odedra	0286-2912562	9825280843	rkodedra@jau.in

1.4. Year of sanction: February 2005

1.5. Staff Position (as on 19 Jan. 2017)

SI. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach
1	Senior Scientist & Head	Dr. R. K. Odedra	IC Senior Scientist & Head and SMS	Horticulture	15600- 39100	6000	21390	1- 06- 2009	Permanent	OBC	9825280843	rkodedra@jau.in	-
2	Scientist	Dr. R. B. Vadher	Scientist	Entomology	15600- 39100	6000	23950	19- 08- 2006	Permanent	ОВС	9824237767	rbvadher@jau.in	
3	Scientist	Mrs. D. S. Thakar	Scientist	Home Sci.	15600- 39100	7000	24140	22- 08- 2006	Permanent	Others	9909927399	diptithakar@jau.in	
4	Scientist	S. R. Thaker	Scientist	Fisheries	15600- 39100	6000	23950	31- 08- 2006	Permanent	Others	9924274050	srthaker@jau.in	
5	Scientist	H. A. Patel	Scientist	Animal Hus.	15600- 39100	6000	16250	06- 04- 2015	Permanent	Others	9998687479	hapatel@jau.in	
6	Scientist	V.M.Savaliya	Scientist	Horticulture	15600- 39100	6000	15600	01- 08- 17	Permanent	Others	9824886188	vmsavaliya@jau.in	

7	Scientist	Vacant	Scientist	Agronomy	-	-	-	-	-	-	-	-	-
8	Programme Assistant	Vacant	Programme Assistant	-	-		-	-	-	-	-	-	
9	Farm Manager	Vacant	Farm Manager	-	-	-	-	-	-	-	-	-	
10	Computer Programmer	J. J. Naliyapara	Computer Programmer	-	9300- 34800	11100	16640	12- 06- 2008	Permanent	ОВС	9998698063	-	
11	Accountant / superintendent	B. S. Bokhariya	Accountant / Superintenden	-	9300- 34800	1/1/1/1	15540	12- 06- 2008	Permanent	ОВС	9978055059	-	
12	Stenographer	P. H. Parekh	Stenographer	-	5200- 20200	-	11500 (Fix Pay)	20-11 2013	Parmanant	Others	9913393900	-	
13	Driver	Vacant	Driver	-	-	-	-	-	-	-	-	-	
14	Driver	Vacant	Driver	-	-	-	-	-	-	-	-	-	
15	Supporting staff	Vacant	Supporting staff	-	-	-	-	-	-	-	-	-	
16	Supporting staff	Vacant	Supporting staff	-	-	-	-	-	-	-	-	-	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.451
2.	Under Demonstration Units	0.337
3.	Under Crops	14.66
4.	Horticulture	2.798
5.	Pond	0.344
6.	Others if any	-

1.7. Infrastructural Development:

A) Buildings

		Source of			Stag	е		
S.		funding		Complete		Incomplete		
No.	Name of building		Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	2007	588	30,76,850	-	-	Completed
2.	Farmers Hostel	ICAR	2008	288	21,02,300	-	-	Completed
3.	Staff Quarters (6)	ICAR	2007	446	28,38,616	-	-	Completed
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5	Fencing	ICAR	2009	500 RM	-	-	-	Completed
6	Rain Water harvesting system	ICAR	2008	-	-	-	-	Completed
7	Threshing floor	ICAR	2009	900	-	-	-	Completed
3	Farm godown	ICAR	2009	129	-	-	-	Completed
	Other	ICAR			-	-	-	
9	Open Well	ICAR	2015	6 m dia.	5,00,000	-	-	Completed
10	Implement Shed	RKVY	2011	76.4	3,00,000	-	-	Completed
11	Training Hall	RKVY	2010	191	13,95,200	-	-	Completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor (Farmtrac)	2005	380000	-	Good
Bolero Jeep	2005	496000	2,41,795 Km	Good after major repairing
Motor cycle	2010	47000	12310 km	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Zerox machine	2008-09	124000	Running
R.O. plant	2008-09	24450	Running
Hcl laptop computer	2008-09	47,500	Running
Food processor	2008-09	5,495	Running
Multipurpose bullock drawn pipe frame mplement head peace	2008-09	27,500	Running
Rotavator tractor operated	2008-09	96,000	Running
Planter tractor operated	2008-09	44,000	Running
Tractor drawn harrow cum cultivator cum ntercultivator frame 86"	2008-09	37,500	Running
Samsung double door refrigerator	2008-09	17,650	Running
Electrolux grill microwave / oven	2008-09	9,580	Running
Panasonic LCD projector	2008-09	103,912	Running
Multi purpose groundnut cum wheat hresher	2008-09	114,000	Running
Cotton shredder	2008-09	242,000	Running
Solar street light	2008-09	28,000	Running
Solar lanterns	2008-09	4,800	Running
Solar cooker	2008-09	3,300	Running
Mobile seed grading unit	2008-09	1,685,000	Running
Decorticators	2008-09	95,850	Running
Vinnowing fan	2008-09	8,500	Running
Chaff cutter	2008-09	30,188	Running
High tech sprayer pump	2008-09	1,850	Running
Battery operated sprayer pump	2008-09	4,940	Running

1.8. A). Details of SAC meetings to be conducted in the year

SI.No.	Date	
1. Scientific Advisory Committee	07/11/2016	

2. DETAILS OF DISTRICT

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise					
1	Rainfed farming system					
2	Irrigated farming (in some areas)					
3	Animal Husbandry					

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

a) Soil type

SI. No.	Agro-climatic Zone	Characteristics
	South Saurashtra	Porbandar district is located between 21° to 22° N latitude and 69° to 70° E longitude.
1		Soil: medium black & silty loam with calcareous in nature
3		pH: of the soil is ranging from 7.50 to 8.58 Water: Ec value up to 8.1 mmho / cm
4		Average Rainfall: 903 mm
		Temperature Range: 35.3° C to 16.9 °C

b) Topography

S. No.	Agro ecological situation	Characteristics
1	Shallow black soil with low rainfall	Soil: Sandy clay loam to clay Rainfall: <750 mm
2	Hilly soil with low rainfall	Soil: Sandy clay loam to sandy clay Rainfall: <750 mm
3	Medium black soil with low rainfall	Soil: Sandy clay to clay Rainfall: <750 mm
4	Deep black soil with low rainfall (Ghed)	Soil: clay Rainfall: <750 mm
5	Mix red & black soil with medium rainfall	Soil: Sandy clay loam to clay loam Rainfall: 750-1000 mm

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Sandy clay loam to clay	Rainfall: <750 mm	34241
2	Sandy clay loam to sandy clay	Rainfall: <750 mm	46080
3	Sandy clay to clay	Rainfall: <750 mm	86627
4	Clay	Rainfall: <750 mm	56880
	Sandy clay loam to clay loam	Rainfall: 750-1000 mm	5707

2.4. Area, Production and Productivity of major crops cultivated in the district (2014-15)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
1	Groundnut	69900	41971	617
2	Cotton	17900	17049	2653
3	Wheat	6840	32678	3167
4	Cumin	9190	7520	615
5	Coriander	16455	18687	1133
6	Gram	14625	22475	1417
7	Green gram	355	735	915
8	Black gram	120	90	1225
9	Castor (Rabi)	1205	3675	3050
10	Forage crops	29555	1750005	113083

Source: District Agriculture Officer, Porbandar, Gujarat

2.5. Weather data (2015-16)

Month	Doinfall (mm)	Tempe	rature 0 C	Relative Humidity (%)		
WOITH	Rainfall (mm)	Maximum	Minimum	Maximum	Minimum	
Jan-16	-	28.59	6.49	60.31	41.81	
Feb-16	-	30.71	8.04	55.12	44.11	
Mar-16	-	32.54	11.09	61.33	45.26	
Apr-16	-	32.32	13.78	70.06	60.03	
May-16	-	33.64	16.92	72.32	52.26	
Jun-16	77.0	32.64	17.85	79.13	55.27	
July-16	201	30.35	16.01	83.70	63.45	
Aug-16	212.6	29.40	15.44	87.27	62.39	
Sep-16	27.0	30.51	16.17	81.92	60.50	
Oct-16	50.0	30.91	18.93	95.23	50.87	
Nov-16	-	29.90	19.19	55.07	34.03	
Dec-16	-	28.05	18.40	58.42	33.39	
Total	567.6					

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Cow	83108	-	-
Buffalo	105346	-	-
Sheep	22649	-	-
Goats	22325	-	-
Pigs	-		
Crossbred	-	-	-
Indigenous	-	-	-
Rabbits	-		
Poultry			
Hens	2069	-	-
Desi	-	-	-
Category		Production (Q.)	Productivity
Fish (Reservoir)	10748 (Fisherman)	91513 mt (Capture)	-

^{*}Statistical report

2.7 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Porbandar	Cluster I	Khambhodar Majivana Fatana Sodhana Shingda	Groundnut Wheat Cumin Coriander Sorghum Gram Fenugreek	 White grub and stem rot in groundnut Wilt in cumin & coriander Wilt in gram 	 IPM Improved package of practices IDM Problematic soil Poor quality water
Ranavav	Cluster II	Khijdal Rana Vadvala Bhod Rana Khirasara Aniyari	Groundnut Cotton Sorghum Wheat Cumin Pearl millet	 Pink ballworm in cotton White grub and stemrot in groundnut Wilt in cumin & coriander 	 IPM Improved package of practices IDM INM in Horticulture
Kutiyana	Cluster III	Pasvari Segras Bhogsar Mal Baloch	Groundnut Cotton Castor Sorghum Wheat Cumin Gram	 Pink ballworm in cotton White grub and stemrot in groundnut Wilt in cumin & coriander 	 IPM Improved package of practices IDM Problematic soil

2.8 Priority thrust areas

Sr. No	Discipline	Thrust area
1	Crop production	 Improved package of practices Improved varieties Organic farming INM
2	Horticulture	 Improved package of practices for different spices PHT in fruits and vegetable INM in orchards
3	Agriculture Engineering	 Efficient use of water & Ground water recharge PHT and value addition Renewable Energy
4	Plant Protection	 Integrated Pest and Diseases management Storage pest Management Biological control of Pest and Diseases
5	Home science	 Women and child care Skill oriented activities Sewing and embroidery Handicrafts Value addition Fruits and vegetable preservation Preparation of bakery products
6	Fisheries	Seaweed cultivation Aquaculture Mariculture
7	Animal Science	 Disease and feed management Production of quality animal Products

3. TECHNICAL PROGRAMME

3. A. Details of targeted mandatory activities by KVK

C)FT	FLD			
	(1)	(2)			
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers		
5	43	77.5	280		

Tra	ining	Extension Activities			
	(3)	(4)			
Number of Courses	Number of Participants	Number of activities	Number of participants		
37	975	27	2465		

Seed Production (Qtl.)	Planting material	Fish seed prod. (Nos)	Soil Samples
	(Nos.)		
(5)	(6)	(7)	(8)
112	-	-	500

3. B. Abstract of interventions to be undertaken

				Interventions							
S. No	Thrust area	Crop/ Identified Enterprise Problem		Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.		
1	IPM	Groundnut	Low yield due to white grub attack	Management of white grub in groundnut	-	-	-	Training, Visits, Telephonic help			
2	Mariculture practice	Lobster/ fisheries	Low income due to poor quality	Fattening of baby Lobster using cage for better production.	-	-	-	Training, Visits, Telephonic help	Cage		
3	Nutrition	Jafrabadi Buffaloes / Animal Husbandry	Long inter calving period in Jafrabadi buffaloes	Effect of feeding of mineral mixture + Fertivet tablet in Jafrabadi Buffalos	-	-	-	Training, Visits, Telephonic help	Mineral mixture, Fertivet Tablets		
4	Disease Management	Farm Animal/ Animal Husbandry	Low milk yield due to parasitic infection	Effect of parasitic drug on farm animal	-	-	-	Training, Visits, Telephonic help	Mineral mixture, Fenbendazole Tablets		
5	Drudgery	Farm women/ Home science	Physiological and muscular stresses in farmwoman during milking.	Evaluation and minimization of physiological & muscular stress of farmwomen while milking	-	-	-	Training, Visits, Telephonic help	Revolving milking stool		

3.1 Technologies to be assessed and refined

A.1 Abstract on the number of technologies to be assessed in respect of **crops**

Thematic areas	Cereals	Oilseed s	Pulses	Commercia I Crops	Vegetables	Fruits	Flower	Plantatio n crops	Tuber Crop s	TOTAL
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	1	_	-	-	-	-	-	-	1
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	1	-	-	-	-	-	-	-	1
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL		2								

A.2. Abstract on the number of technologies to be refined in respect of crops

Thematic areas	Cereals	Oilseed s	Pulses	Commercia I Crops	Vegetables	Fruits	Flower	Kitchen garden	Tuber Crop s	TOTAL
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-

A.3. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	Home Science	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-	-
Nutrition Management	2	-	-	-	-	-	-	2	4
Disease of Management	-	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-	-
Production and	-	-	-	-	-	-	1	-	1
Management									
Feed and Fodder	-	-	-	-	-	-	-	-	-
Small Scale income	-	-	-	-	-	-	-	-	-
generating enterprises									
TOTAL	2	-	-	-	-	-	1	2	5

A.4. Abstract on the number of technologies to be refined in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income	-	-	-	-	-	-	-	-
generating enterprises								
TOTAL	-	-	-	-	-	-	-	-

B. Details of On Farm Trial

OFT-1

Title: Fattening of baby Lobster.

Problem definition: Low income because of harvesting under size lobster. **Technology Assessed:** Fattening of baby Lobster using floating cage.

Treatment:

Farmer practices: (Control) Harvesting and marketing under size lobster **Recommended practices:** Fattening of baby Lobster using Floating cage.

No. of Replication: 5

Observations:

Yield (kg/cage)

Survival %

Income

Source of Technology: Sea cage culture of Lobsters & Mud Crabs – as alternative employment for coastal community By Dr. R. Venkatesan, National Institute of Ocean Technology (NIOT),

Deptt. Of Ocean Development, Chennai.

OFT: 2

Title: Effect of feeding of mineral mixture and Fertivet tablet in Jafrabadi Buffalos

Problem definition: Long inter calving period in Jafrabadi buffaloes **Technology:** Reducing intercalving period in Jafrabadi buffaloes

Treatments:

1. Farmers practice – Green fodder, dry fodder etc.

2. Mineral mixture 50 gm/day + Fertivet tablet 1 tablet /day (5 Tables)

No. of Replication: 10 animals

Observations:

1. Inter calving period in month

2. Average heat

3. Milk Yield (Lit./Day)

Source of Technology: Animal Nutrition and Feeding Practice, ICAR, New-Delhi

OFT-3

Title: Management of white grub in groundnut

Problem Definition: Low yield and heavy damage due to white grub

Technology Assessed: Integrated Pest Management

Treatments:

1. Farmer's practice - Chloropyrihpos @ 4 lit./ha at the time of attack

2. **Recommended practice –** Seed treatment with chloropyriphos 20 E.C @ 25 ml/kg, **-** application of carbofuran 3 G @ 33 kg/ha at the time of sowing.

Observations:

- 1. Yield (kg/ha)
- 2. White grub population
- 3. Economics

Source of Technology: JAU, Junagadh

OFT: 4 (New)

Title: Evaluation and minimization of physiological & muscular stress of farmwomen while milking

Problem definition: Physiological and muscular stresses in farmwoman during milking.

Causes:

- Lack of awareness about drudgery reducing low cost technologies for minimize the stresses.
- Health problem in farmwomen
- Lack of knowledge & availability about use of revolving milking stool

Technology Assessed:

Use of drudgery reduction tool for milking (revolving milking stool)

Treatments:

T1: No use of stool while milking

T2: Revolving milking stool (height of 12-13 cm with diameter 34 cm)

Observations:

Level of drudgery, Physical stress, Work output and Field acceptability

No. of Replications: 3
No. of Farmwomen: 5
Source of Technology:
GBPUAT, Pantnagar (UK)

OFT: 5 (New)

Title: Effect of parasitic drug on farm animal

Problem definition: Parasitic infection and low milk yield

Treatments:

- 1. Farmers practice Control
- 2. Mineral mixture 50 gm/day + Fenbendazole tablet (5-7.5 mg/kg body weight)

No. of Replication: 10 animals

Observations:

- 1. Milk yield
- 2. Status of infection
- 3. Income

Source of Technology: Animal Health Management By N. S. R. Sastry

3.2 Frontline Demonstrations

A. Details of FLDs to be organized -

SI. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/demon.	Parameters identified
1	Groundnut	GJG-22	Varietal evaluation	Improved variety & fertilizer	fertilizer	2017	8	20	Low productivity of existing variety
2	Green gram	GM-5	Varietal evaluation	Imp. Variety & Bio fertilizer	seed	Summer 2018	4	10	Low productivity of existing variety
3	Wheat	Farmer's variety	INM	Zinc sulphate @ 20 kg/ha	20 kg/ha	Rabi 2017-18	8	20	Deficiency of micronutrient
4	Cumin	GC-4	IDM	IDM (<i>Trichoderma</i> , Mencozeb, Hexaconazole)	Trichoderma, Mencozeb, Hexaconazole	Rabi 2017-18	8	20	Higher dose chemical pesticides
5	Cotton	Bt. Variety	IPM	IPM	Beuveria, Phromone traps	Kharif 2017	10	25	Heavy infestation of pink ball warm
6	Vegetables	Available at JAU, Junagadh		Improved variety of 5 crops		Kharif 2017	2.5	25	-
7	Vegetables	Available at JAU, Junagadh		Improved variety of 5 crops		Rabi 2017-18	2.5	25	-
8	Vegetables	Available at JAU, Junagadh	•	Improved variety of 5 crops		Summer 2017-18	2.5	25	-
9	Chick pea	-	Bio-agent	HNPV & Beuveria	Bio-agent HNPV & Beuveria	18	4	10	-
10	Groundnut	-	INM		& Phosphate culture	Kharif 2017	10	25	Higher dose of chemical fertilizer
11	Wheat	-	INM	Savaj Azotobacter & Phosphate culture	Savaj Rhiizobium & Phosphate culture	Rabi 2017-18	10	25	Higher dose of chemical fertilizer
12	Sorghum (Gundhri)	-	INM	Savaj Azotobacter & Phosphate culture	Savaj Rhiizobium & Phosphate culture	Semi Rabi 2017-18	4	10	Low productivity due to imbalance fertilizer appli.
13	Fisheries	Kappaphycus	Seaweed cultivation	Sea weed cultivation using net/bamboo	Vegetative Plant	-	-	10	New Technology
14		-	Nutrition	LSF & biofertilizers in groundnut		Kharif 2017	4	10	-
15	Animal Husbandry	-	Nutrition	Nutrition management	Supplement of by Pass Fat in	-	-	20	Low Milk productivity
					Gir cow Total		77.5	280	

Sponsored Demonstration

Стор	Area (ha)	No. of farmers	
-	-	-	

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	8	-	250
2	Farmers Training	5	-	150
3	Media coverage	-	-	-
4	Training for extension functionaries	-	-	-

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Seed grader	-	Rabi 2017-18	50	-	-	Grading cost

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	!	Performance parameters / indicators
Animal Husbandry	Gir cow	20		Supplement of by Pass Fat in Gir cow	Fat % & milk yield

3.3 Training (Including the sponsored and FLD training programmes):

A) ON Campus (Excluding Sponsored training of ATMA given separately in Annexure-I (IV))

	No. of	No. of Participants								
Thematic Area	Courses	N.C - 1	Others	T_1-	Mele	SC/ST	T-4-1	Grand		
/A\		Male	Female	Total	Male	Female	Total	Total		
(A) Farmers & Farm Women I Crop Production										
Weed Management		1			1		T			
Resource Conservation Technologies	1	15	-	15	5	_	5	20		
Cropping Systems	-	13		-	-	-	J	20		
Crop Diversification	_					-				
Integrated Farming				_		-	-			
Water management	-	-	-	-	-	-	-	-		
Seed production	-	-		-	-	-		<u>-</u>		
				<u> </u>	-		ļļ.			
Nursery management	- 1	-	-	- 1E		-	-	-		
Integrated Crop Management	1	15	-	15	5	-	5	20		
Fodder production	-	-	-	-	-	-	-	-		
Production of organic inputs	1	15	-	15		-	<u> </u>	15		
Il Horticulture					1					
a) Vegetable Crops										
Production of low volume and high value crops	-	-	-	-	-	-	-	-		
Off-season vegetables	-	-	-	-	-	-	-	-		
Nursery raising	1	15	-	15	-	-	-	15		
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-		
Export potential vegetables	-	-	-	-	-	-	-	-		
Grading and standardization	-	-	-	-	-	-	-	-		
Protective cultivation (Green Houses, Shade Net etc.)	1	20	-	20	-	-	-	20		
b) Fruits	-	-	-	-	-	-	-	-		
Training and Pruning	-	-	-	-	-	-	-	-		
Layout and Management of Orchards	-	-	-	-	-	-	-	-		
Cultivation of Fruit	-	-	-	-	-	-	-	-		
Management of young plants/orchards	-	-	-	-	-	-	-	-		
Rejuvenation of old orchards	-	-	-	-	-	-	-	-		
Export potential fruits	-	-	-	-	-	-	-	-		
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-		
Plant propagation techniques	-	-	-	-	-	-	-	-		
c) Ornamental Plants	-	-	-	-	-	-	-	-		
Nursery Management	-	-	-	-	-	-	-	-		
Management of potted plants	-	-	-	-	-	-	-	-		
Export potential of ornamental plants	-	-	-	-	-	-	-	-		
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	- [-		
d) Plantation crops	-	-	-	-	-	-	-	-		
Production and Management technology	-	-	-	-	-	-	-	-		
Processing and value addition	-	-	-	-	-	-	- [-		
e) Tuber crops	-	-	-	-	-	-	<u>- </u>	-		
Production and Management technology	-	-	-	-	-	-	-	-		
Processing and value addition	-	-	-	-	-	-	-	-		
f) Spices	-	-	-	-	-	-	-	-		
Production and Management technology	1	20	-	20	-	-	-	20		
Processing and value addition	-	-	-	-	-	-	-	-		
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	- 1	-		
Nursery management	-	-	-	-	-	-	- 1	-		
Production and management technology	-	-	-	-	-	-	-	-		
Post harvest technology and value addition	-	-	-	-	-	-	-	-		

		·····		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	······································	······································	
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	<u> </u>	_	-	-	
Nutrient Use Efficiency				_	_			
-	-		-	ļ		-	-	-
Soil and Water Testing	-		-	<u> </u>	<u> </u>	-	-	-
IV Livestock Production and Management				·	·	***************************************		
Dairy Management	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-
Rabbit Management/goat	-	-	-	-	-	-	-	-
Disease Management	1	16	-	16	4	-	4	20
Feed management	-	-	-	-	-	-	-	-
Production of quality animal products	1	13	3	16	2	2	4	20
V Home Science/Women empowerment	-			<u></u>	.i	<u>:</u>	.11	
Household food security by kitchen gardening and nutrition gardening			_	-	- 1		T _ T	
Design and development of low/minimum cost diet	-	_				-		·
		-	-	- 10		- 	-	-
Designing and development for high nutrient efficiency diet	1	-	16	16	-	4	4	20
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-
Value addition	1	-	17	17	-	3	3	20
Income generation activities for empowerment of rural	_		_	_	_	_	_	
Women	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
Women and child care	-	_	-	-	-	-	_	-
VI Agril. Engineering	_			_	_			-
						-	-	-
Installation and maintenance of micro irrigation systems		-	-	-		-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
VII Plant Protection	-	-	-	-	-	-	-	-
Integrated Pest Management	1	12	-	12	8	-	8	20
Integrated Disease Management	1	18	-	18	2	-	2	20
Bio-control of pests and diseases	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-		-	-		-	-
VIII Fisheries				-	-		-	
						-	-	
Integrated fish farming		-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing								
Composite fish culture	-	-	-	-	- [-	-	-
Hatchery management and culture of freshwater prawn	1	20	-	20	-	-	-	20
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	- 1	-	- 1	-
Shrimp farming	-	-	-	-	-	-	-	-
Edible oyster farming/seaweed cultivation and LSF	1	20	-	20	-	-	-	20
Pearl culture	-	-	_	-	-	_	-	-
Fish processing and value addition	-	_	-	_		_	_	-
IX Production of Inputs at site	-		-	-	-	-	-	-
		-	-			-	-	-
Seed Production	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	- [-	-	-
Bio-pesticides production	-	-	-	-	- [-	<u> </u>	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	i - i	-
- J				i	<u>i</u>			

Production of fry and fingerlings	_		_	_	_	_	_	
Production of Bee-colonies and wax sheets		-				<u> </u>	-	-
	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Integrated Farming Systems	_	_	_	_	_	_	_	
XII Others (Pl. Specify)	-	_	_	-	_	-	_	_
TOTAL	14	199	36	235	26		35	
1						9		270
(B) RURAL YOUTH	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-		-
Production of organic inputs	-	-	-	-	-	-	-	-
Integrated Farming (Medicinal)	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	_	-	-	-
Nursery Management of Horticulture crops	-	_		-	_	_		
Training and pruning of orchards		_	_	-	_	_	_	
Value addition			_		_	_	_	
Production of quality animal products	-				_			-
1		-	-	-	<u> </u>	-		-
Dairying	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Cold water fisheries	-	_	_	-	_	_	_	_
Fish harvest and processing technology	-				-	-		-
Fry and fingerling rearing	-		-	_	_	-		-
	- -	-			<u> </u>			
Small scale processing (Fisheries)		-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
TOTAL		-	-	-	-	-	-	-
[-			:			1 "	-
(C) Extension Personnel	-	-	-	-	-	-	-	
[- 21	- 4	- 25	- 5	-	- 5	30
(C) Extension Personnel	-				ļ			30
(C) Extension Personnel Productivity enhancement in field crops Integrated Pest Management	1	21	4	25	5	-	5	
(C) Extension Personnel Productivity enhancement in field crops Integrated Pest Management Integrated Nutrient management	1 -	21	4	25 -	5 -	-	5 -	-
(C) Extension Personnel Productivity enhancement in field crops Integrated Pest Management	1 -	21 - -	4	25 - -	5 - -	-	5 - -	-

Group Dynamics and farmers organization	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-
TOTAL	1	21	4	25	5	-	5	30
G. Total	15	220	40	260	31	9	40	300

B) OFF Campus

		No. of Participants							
Thematic Area	No. of Courses	Others			SC/ST			Grand Total	
		Male	Female	Total	Male	Female	Total		
(A) Farmers & Farm Women									
I Crop Production				·	·	·····	······		
Weed Management	-	-	-	-	-	-	-	-	
Resource Conservation Technologies	1	31	-	31	4	-	4	35	
Cropping Systems	-	-	-	-	-	-	-	-	
Crop Diversification	-	-	-	-	-	-	-	-	
Integrated Farming	1	20	-	20	5	-	5	25	
Water management	-	-	-	-	-	-	-	-	
Seed production	-	-	-	-	-	-	-	-	
Nursery management	-	-	-	-	-	-	-	-	
Integrated Crop Management	1	30	-	30	5	-	5	35	
Fodder production	-	-	-	-	-	-	-	-	
Production of organic inputs	-	-	-	-	-	-	-	-	
II Horticulture									
a) Vegetable Crops	-	-	-	-	-	-	-	-	
Production of low volume and high value crops	-	-	-	-	-	-	-	-	
Off-season vegetables	-	-	-	-	-	-	-	-	
Nursery raising	-	-	-	-	-	-	-	-	
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	
Export potential vegetables	-	-	-	-	-	-	-	-	
Grading and standardization	-	-	-	-	-	-	-	-	
Protective cultivation (Green Houses, Shade		_	_	_	_	_	_		
Net etc.)	-	_	-	-	-	-	-	-	
b) Fruits	-	-	-	-	-	-	-	-	
Training and Pruning	-	-	-	-	-	-	-	-	
Layout and Management of Orchards	1	25	-	25	-	-	-	25	
Cultivation of Fruit	-	-	-	-	-	-	-	-	
Management of young plants/orchards	-	-	-	-	-	-	-	-	
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	
Export potential fruits	-	-	-	-	-	-	-	-	
Micro irrigation systems of orchards	-	-	-	-	-	-	- 1	-	
Plant propagation techniques	-	-	-	-	-	-	-	-	
c) Ornamental Plants	-	-	-	-	-	-	-	-	
Nursery Management	-	-	-	-	-	-	-	-	
Management of potted plants	-	-	-	-	-	-	-	-	
Export potential of ornamental plants	-	-	-	-	-	-	- 1	-	
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	
d) Plantation crops	-	-	-	-	-	-	-	-	
Production and Management technology	2	48	2	50	5	-	5	55	
Processing and value addition	-	-	-	-	-	-	-	-	
e) Tuber crops	-	-	-	-	<u> </u>	-	- 1	-	

Production and Management technology		-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	 -	-
Production and Management technology	1	25	-	25	-		-	25
Processing and value addition	-	-	-	-		-	_	-
g) Medicinal and Aromatic Plants	_	_	_	_	_	_	_	_
			-	-		-		-
Nursery management			-	-		-	-	-
Production and management technology	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Soil fertility management	1	40	-	40	-	-	-	40
Soil and Water Conservation	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-
IV Livestock Production and Management		<u>i</u>		<u>i</u>			<u>.i</u>	
Dairy Management	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-
Piggery Management	-	_	_	_	_	-		-
Rabbit Management /goat	-	-	-	-	-	-		-
Disease Management								
Feed management	3	65	5	70	5	10	15	85
	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	<u> </u>	-
V Home Science/Women empowerment				<u>r</u>	,	·		
Household food security by kitchen gardening	_	_	-	_	_	_	-	_
and nutrition gardening								
Design and development of low/minimum cost	1	_	20	20	_	5	5	25
diet	'		20	20				20
Designing and development for high nutrient	1		30	30	_	5	5	25
efficiency diet	I	-	30	30	-	Э	Э	35
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	- 1	-
Value addition	1	-	30	30	-	5	5	35
Income generation activities for empowerment	-							
of rural Women	-	-	-	-	-	-	-	-
Location specific drudgery reduction								
technologies	1	-	35	35	-	-	-	35
Rural Crafts								
Women and child care	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
VI Agril. Engineering								
Installation and maintenance of micro irrigation	-	-	-	-	-	-	-	-
systems								
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and	_	_	_	_	_	_	_	_
implements	_	_	-	_	_	_	_	-
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
VII Plant Protection	-	-	-	-	-	-	-	-
Integrated Pest Management	2	55	-	55	5	-	5	60
Integrated Disease Management	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	1	30	-	30	5	-	5	35
Production of bio control agents and bio	•						•	
pesticides	-	-	-	-	-	-	-	-
VIII Fisheries	_			-				
		-	-		-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
							. :	30
Carp fry and fingerling rearing Composite fish culture	1	30	-	30	-	-	-	30

Hatchery management and culture of fresh				_				
water prawn	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-
Shrimp farming	1	35	-	35	-	-	-	35
Edible oyster farming/Sea weed cultivation & LSF	1	35	-	35	-	-	-	35
Pearl culture	-	-	-	-	-	-	-	-
Fish processing and value addition	1	25	-	25	-	-	-	25
IX Production of Inputs at site	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-
Planting material production (Horti.)	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production (Horti.)	-	-	-	-	-	-	-	-
Organic manures production (A.S.)	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-
Formation and Management of SHGs(HS)	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	_	_	-	-	_	-	-	_
(Agro.)								
WTO and IPR issues	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Integrated Farming Systems (Agro)	-	-	-	-	-	-	-	-
XII Others (Pl. Specify)	-	-	-	-	-	-	-	-
TOTAL	22	494	122	616	34	25	59	675

C) Consolidated table (ON and OFF Campus)

		No. of Participants							
Thematic Area	No. of Courses		Others			SC/ST		Grand Total	
		Male	Female	Total	Male	Female	Total	Grand Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	-	-	-	-	-	-	-	-	
Resource Conservation Technologies	2	46	-	46	9	-	9	55	
Cropping Systems	-	-	-	-	-	-	-	-	
Crop Diversification	-	-	-	-	-	-	-	-	
Integrated Farming	1	20	-	20	5	-	5	25	
Water management	-	-	-	-	-	-	-	-	
Seed production	-	-	-	-	-	-	-	-	
Nursery management	-	-	-	-	-	-	-	-	
Integrated Crop Management	2	45	-	45	10	-	10	55	
Fodder production	-	-	-	-	-	-	-	-	
Production of organic inputs	1	15	-	15	-	-	-	15	
II Horticulture									
a) Vegetable Crops	-	-	-	-	-	-	-	-	
Production of low volume and high value crops	-	-	-	-	-	-	-	-	
Off-season vegetables	-	-	-	-	-	-	-	-	
Nursery raising	1	15	-	15	-	-	-	15	
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	
Export potential vegetables	-	-	-	-	-	-	-	-	

Grading and standardization	_	-	_	T _	_	T -		_
Protective cultivation (Green Houses, Shade Net etc.)	1	20	_	20	_			20
b) Fruits	-	-	_	- 20				
Training and Pruning	_		_		_			_
Layout and Management of Orchards	- 1	- 25		- 25	_		-	- 25
Cultivation of Fruit			-	<u> </u>		-		
1	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	<u> </u>	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-
Production and Management technology	2	48	2	50	5	-	5	55
Processing and value addition	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-
Production and Management technology	2	45	-	45	-	-	-	45
Processing and value addition	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Production and management technology	-	_	-	-	-	-	-	-
Post harvest technology and value addition	-		_	-	_		-	_
(B) RURAL YOUTH	-		-	-	-	-		_
Mushroom Production	-	_	_	_	_	_	_	_
Bee-keeping	-	_	-	-	_	_	_	_
Integrated farming		_			_			
Seed production	_		-		_			-
Production of organic inputs	_							_
		-	-	ļ	-			-
Planting material production	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and	-	-	-	-	-	-	-	-
implements								
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	_	-	-	-	-	_
Cold water fisheries	-	-	_	-	-	_	-	_
Fish harvest and processing technology	_		_	_	_	_	_	_
Fry and fingerling rearing	_	-	-	-	-	-	-	-
Small scale processing	-	-	-			<u> </u>		-
oman scale processing	-		-		-	<u> </u>	<u> </u>	-

Post Harvest Technology	-	- 1	-	-	-	-	T - T	-
Tailoring and Stitching	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
TOTAL	13	279	2	281	29		29	310
(C) Extension Personnel	-	-		-	-	-	+ - +	-
Productivity enhancement in field crops	1	21	4	25	5	-	5	30
Integrated Pest Management	-		-	-	-	_	-	-
Integrated Nutrient management						_	-	
		-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and	_	_	_	_	_	_	_	_
implements								
WTO and IPR issues	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	- 1	-
Women and Child care	-	-	-	-	-	-	T -	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	† - †	-
Production and use of organic inputs	_	-	-	-	-	-	-	<u>-</u>
Gender mainstreaming through SHGs	_	_	_	-	-	-	-	
Any other (Pl. Specify)				<u> </u>	_		+	
TOTAL	1	21	4	25	5	_	5	30
G. Total				-			+	
	14	300	6	306	34		34	340
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Soil fertility management	1	40	-	40	-	-	-	40
Soil and Water Conservation	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	- 1	-
Management of Problematic soils	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	_	_	_	-	-	-	- 1	
Nutrient Use Efficiency	_	-	_	-	-	-	-	-
Soil and Water Testing				_	-		-	
IV Livestock Production and Management	-				_	_	+	
					_			-
Dairy Management	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	<u> </u>	-
Rabbit Management/goat	-	-	-	-	-	-	-	-
Disease Management	4	81	5	86	9	10	19	105
Feed management	-	-	-	-	-	-	-	-
Production of quality animal products	1	13	3	16	2	2	4	20
V Home Science/Women empowerment	-	- 1	-	-	-	-	[-
Household food security by kitchen gardening and	_	_	_	_	_	-	-	-
nutrition gardening	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	1	-	20	20	-	5	5	25
Designing and development for high nutrient efficiency	•		40	40		^		
diet	2	-	46	46	-	9	9	55
Minimization of nutrient loss in processing	-	-	-	-	-	-	† - †	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Storage loss minimization techniques		-	-	-	-	-	-	-
Value addition	2	-	47	47	-	8	8	55
Income generation activities for empowerment of rural							$+$ $\stackrel{\circ}{-}$ $+$	
Women	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	1		35	35		-	+	35
		-			-			
Rural Crafts	-	-	-	-	-	-		-
Women and child care	-	-	-	-	-	-	-	-
VI Agril. Engineering	-	-	-	-	-	-		-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-
Use of Plastics in farming practices Production of small tools and implements	-	-	-	-	-	-	-	-

Sericulture Protected cultivation of vegetable crops	-			-			1	
Corioulturo	_	:	-	-	-	-	-	-
cimi-culture	-	-	<u>-</u> -	-	-	-	-	-
ranting material production /ermi-culture	-	-	-	-	-	- -	-	-
Planting material production			-	-		<u>-</u>	-	
ntegrated Farming	-			-	-		-	-
Production of organic inputs	-	-	-	-	-	-	-	-
Seed production	-	-	-		<u>-</u>	- -	-	-
ntegrated farming	-	-	-	-	<u>-</u>	-	-	-
Mushroom Production Bee-keeping	-	-	-	-	-	-	-	-
B) RURAL YOUTH	-	-	-	-	-	-	-	-
OTAL B) BURAL VOLITH							ļļ	
Sponsored training	-	-	-	-	-	-	-	-
ntegrated Farming Systems	-	-	-	-	-	-	-	-
Jursery management	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
(I Agro-forestry	-	-	-	-	-	-	-	-
i.				-		-	-	
Entrepreneurial development of farmers/youths VTO and IPR issues	-		-	-	-		-	-
		-	-	-	-	-	-	
ormation and Management of SHGs Mobilization of social capital	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-
eadership development	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-		-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-
/ermi-compost production	-	-	-	-	-	-	-	-
·	-	-		-	ļ		-	-
Bio-fertilizer production		-	-		-	-	-	-
Bio-agents production Bio-pesticides production	-	-	<u>-</u> -	-	<u>-</u>	-	-	-
	-	-	-		<u>-</u>	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Seed Production		_				_	-	_
X Production of Inputs at site	I	20	-	20	_	-	-	20
ish processing and value addition	1	25		- 25		-	-	25
Pearl culture		- 33	-	- 33		-	-	-
Edible oyster farming /Seaweed cultivation and LSF	2	55	-	55	-	-		ან 55
Shrimp farming	- 1	35	-	35	<u>-</u>	-	-	35
Pen culture of fish and prawn	-			-	-	-		-
Breeding and culture of ornamental fishes Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	1	20	-	20	-	-	-	20
Composite fish culture	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	1	30	-	30	-	-	-	30
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
ntegrated fish farming	-	-	-	-	-	-	- [-
/III Fisheries	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	1	30	-	30	5	-	5	35
ntegrated Disease Management	1	18	-	18	2	-	2	20
ntegrated Pest Management	3	67	-	67	13	-	13	80
/II Plant Protection	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	- [-
Small scale processing and value addition	-	-	-	-	-	-	-	-
'mall acala processing and value addition								

G. TOTAL	37	714	162	876	65	34	99	975
Total								
Any other (Pl. Specify)	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
implements	-	-	-		_	_	_	-
Care and maintenance of farm machinery and	_	_	_	_	_	_	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-
Productivity enhancement in field crops	-	-	-	-	-	-	-	-
(C) Extension Personnel	-	-	-	-	-	-	-	-
TOTAL	23	414	156	570	31	34	65	635
Rural Crafts	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Para vets Para extension workers	-	-	-	-	-	-	-	-
Ornamentai tisneries Para vets	-	-	-	-	-	-	-	-
Poultry production Ornamental fisheries	-	-	-	-	-	-	-	-
				-			ļl	-
Rabbit farming	-		-	-	-	-	-	-
Piggery	-	- -	-	-	-		-	-
Quail farming	-	-	-			-	-	-
Sheep and goat rearing				-				-
Dairying	-	-	-	-	-	-	-	-
Value addition Production of quality animal products	-	-	-	-	-	-	-	-

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension	No. of		Farmers		Exte	ension Offi	cials	Total			
Activity	activities	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Field Day	25	350	150	500	5	-	5	355	150	505	
Kisan Mela	1	300	100	400	10	-	10	310	100	410	
Kisan Ghosthi	25	275	50	325	-	-	-	275	50	325	
Exhibition	5	250	125	375	-	-	-	250	125	375	
Film Show	20	200	100	300	-	-	-	200	100	300	
Farmers Seminar	5	150	100	250	-	-	-	150	100	250	
Workshop	2	50	50	100	-	-	-	50	50	100	
Group meetings	6	100	100	200	-	-	-	100	100	200	
Lectures delivered as resource persons	-	-	-	-	-	-	-	-	-	-	
Newspaper coverage	10	-	-	-	-	-	-	-	-	-	
Radio talks	-	-	-	-	-	-	-	-	-	-	
TV talks	-	-	-	-	-	-	-	-	-	-	
Popular articles	10	-	-	-	-	-	-	-	-	-	
Extension Literature	15	-	-	-	-	-	-	-	-	-	
Advisory Services			•						•		
Scientific visit to farmers field	150	-	-	-	-	-	-	-	-	-	
Farmers visit to KVK	1000	-	-	-	-	-	-	-	-	-	
Diagnostic visits	25	-	-	-	-	-	-	-	-	-	
Exposure visits	-	-	-	-	-	-	-	-	-	-	
Ex-trainees Sammelan	5	-	-	-	-	-	-	-	-	-	
Soil health Camp	4	-	-	-	-	-	-	-	-	-	
Animal Health Camp	2	-	-	-	-	-	-	-	-	-	
Agri mobile clinic	-	-	-	-	 -	-	-	-	-	-	
Soil test campaigns	5	-	-	-	-	-	-	-	-	-	
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	
Mahila Mandals Conveners meetings	1	-	-	-	-	-	-	-	-	-	
Celebration of important days (specify)	5	-	-	-	-	-	-	-	-	-	
Krishi Mohostva	1	-	-	-	-	-	-	-	-	-	
Krishi Rath	1	-	-	-	-	-	-	-	-	-	
Pre Kharif workshop	1	-	-	-	-	-	-	-	-	-	
Pre Rabi workshop	1	-	-	-	-	-	-	-	-	-	
PPVFRA workshop	1	-	-	-	-	-	-	-	-	-	
Any Other (Specify)		-	-	-	-	-	-	-	-	-	
Total	1326	1675	775	2450	15	0	15	1690	775	2465	

3.5 Target for Production and supply of Technological products SEED MATERIALS

SI. No.	Crop	Variety	Quantity (qtl.)
CEREALS	-	-	-
	-	-	-
	-	-	-
OILSEEDS	Groundnut	GG-20 Breeder	80
	Groundnut	GJG-17 Breeder	16
	Groundnut	GG-20 Truthful	16
PULSES	-	-	-
	-	-	-
VEGETABLES	-	-	-
OTHERS (Specify)	-	-	-
	-	-	-

PLANTING MATERIALS

SI. No.	Crop	Variety	Quantity (Nos.)
FRUITS	-	-	-
	-	-	-
SPICES	-	-	-
	-	-	-
VEGETABLES	-	-	-
	-	-	-
FOREST SPECIES	-	-	-
	-	-	-
ORNAMENTAL CROPS	-	-	-
		Total	-

Bio-products

SI. No.	Product Name	Species		Quantity
			No	(kg)
BIO PESTICIDES	-	-	-	-
1	-	-	-	-
2	-	-	-	-

LIVESTOCK

SI. No.	Type Bree	Breed	Quantity		
			(Nos)	Unit	
Cattle	-	-	-	-	
	-	-	-	-	
GOAT	-	-	-	-	
SHEEP	-	-	-	-	
POULTRY	-	-	-	-	
Pig farming	-	-	-	-	
FISHERIES	-	-	-	-	
FIORENIES	-	-	-	-	

3.6. Literature to be Developed/Published

(A) KVK News Letter

Date of start : NA
Number of copies to be published : NA

(B) Literature developed/published

S.No.	Торіс	Number
1	Research paper each scientist	3
2	Technical reports	6
3	News letters	-
4	Training manual all discipline	-
5	Popular article	5
6	Extension literature	15
	Total	29

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-	Title of the programme	Number
	Cassette)		
1	-	-	-

3.7. Success stories/Case studies identified for development as a case.

- a. Brief introduction
- b. Interventions
- c. Output
- d. Outcomes
- e. Impact
 - i) Social economic
 - ii) Bio-Physical
- f. Good Action Photographs

3.8 Indicate the specific training need analysis tools/methodology followed for

Practicing Farmers

- a) PRA
- b) District Thrust and Thematic Areas
- c) Field level observations
- d) Epidemic of pest/Diseases

Rural Youth

- a) PRA
- b) District Thrust and Thematic Areas
- c) Field level observations
- d) Farmer group discussions

In-service personnel

- a) Epidemic of pest/Diseases
- b) New innovation

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT:

- i) PRA
- ii) Problem identified from Matrix
- iii) Field level observations
- iv) Farmer group discussions
- v) Others if any Epidemic of pest/Diseases

For FLD:

- i) New variety/technology
- ii) Poor yield at farmers level
- iii) Existing cropping system
- iv) Others if any: Nutritional deficiencies, epidemic of pest & diseases

3.10 Field activities

Name of the village	Name of the block	Taluka	Year
Khambhodar Majivana Fatana Sodhana Shingda	Cluster I	Porbandar	2015
Khijdal Rana Vadvala Bhod Rana Khirasara Aniyari	Cluster II	Ranavav	2015
Pasvari Segras Bhogsar Mal Baloch	Cluster III	Kutiyana	2015

- ii. No. of farm families selected per village :
- iii. No. of survey/PRA conducted: 15
- iv. No. of technologies taken to the adopted villages: OFT, FLD, Training etc. -112
- v. Name of the technologies found suitable by the farmers of the adopted villages: -
- vi. Impact (production, income, employment, area/technological- horizontal/vertical): -
- vii. Constraints if any in the continued application of these improved technologies: -

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. Year of establishment : 2010

2. List of equipments purchase with amount

SI. No.	Name of the equipment	Quantity	Cost (Rs)
1	pH Meter	2	7600
2	Ec Meter	1	9450
3	Flame Photo Meter	1	44887
4	Spectrophotometer	1	39480
5	Refrigerator	1	19610
6	Distillation Unit	1	157500
7	Chemical Balance	1	45066
8	Rotary Shaker	2	36000
9	Hot Plate	2	9450
10	Physical Balance	2	6616
11	Zeldal Digestion and Distillation	1	47250
12	Hot air oven	1	15215

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized	
Soil Samples	500	500	-	15000/-	
Water	500	500	-	2500/-	
Plant	-	-	-	-	
Total	1000	1000		17500/-	

4.0 LINKAGES

4.1 Functional linkage with different organizations

SI.No.	Name of organization	Nature of Linkage
1.	ATMA	Propagation of modern agricultural technology as a resource person and through various extension activities.
2. District Agricultural Officer		Propagation of modern agricultural technology as a resource person and through various extension activities.
3.	Jilla Panchyat	Propagation of modern agricultural technology as a resource person and through various extension activities.
4.	State Fisheries Department	Propagation of modern agricultural technology as a resource person and through various extension activities.
5.	DRDA	Propagation of modern agricultural technology as a resource person and through various extension activities.
6. DWDU		Propagation of modern agricultural technology as a resource person and through various extension activities.

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district

Yes/No

S. No.	Programme	Nature of linkage	
1	Training	KVK Scientist as a resource person	
2	Farmer Field school	KVK Scientist as a resource person	
3	Kishan Gosthi	KVK Scientist as a resource person	
4	Farmer Scientist Interaction	KVK Scientist as a resource person	

4.3 Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage	
1	-	-	
2	-	-	

4.4 Nature of linkage with National Fisheries Development Board

S. No. Programme		Nature of linkage	
1	-	-	
2	-	-	

5.0 Utilization of hostel facilities

S. No.	Programme	No. of days
1	On Campus Training	48
2	Exposer Visitors	8
3	Technology Week Celebration	6
4	Vocational Training	20
	Extension Functionaries Training	4
Total		86

6.0 Convergence with departments : Nil

7.0 Feedback of the farmers about the technologies demonstrated and assessed :

Name of KVK	KVK Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Porbandar	INM in groundnut Trichoderma in groundnut INM in cotton Pink boll worm in cotton Improved variety of cumin (GC-4)	Trainings FLDs, field days and Advisory services	Yield, quality and net return increased as the cost of cultivation reduced	Improved variety of chick pea (GG-3) INM in groundnut and cotton Use of Biofertilizers MISs

8.0 Feedback from the KVK Scientists (Subject wise) to the research institutions/universities:

Name of KVK	Subject	Feedback basic of OFT on Technology Tested
Porbandar	Crop Production	Soil configuration and MISs for cumin may be tested.
	Horticulture	Techno economical feasibility of poly house for costal belt of South Saurashtra Agro climatic Zone should be tested.
	Plant Protection	 Reasons for resurgence of white grub and control measures based on may be suggested.
		Package for fruit fly management may be modified
		 Efficacy of newer technical of pesticides, fungicides and herbicides should be tested and recommended if possible.
		Effective Management Package of Pink Ball Worm in Bt cotton should be developed.
	Home Science	Effect of sprouted pulses in regular diet may be studied in detail.
		Quality of meal prepared in solar cooker may be studied in detail.
	Fisheries	 Land availability is the main constraint in the promotion of brackish water aquaculture & demarcation of potential land needs to be done for farmers.
		 Technology / practices developed by institute may be made available to farmers at no cost.
	Animal Husbandry	Study of inbreeding in milch animals

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration	N	lumber	of	Numb	G. Total		
			in days	pa	articipa	nts				
				M	F	Т	M	F	Т	
Crop Produc	tion									
	PF	Advanced production technologies of major kharif crops, INM and organic farming	4	15	-	15	5	-	5	20
	PF	Recent advances in production technology of Rabi crops	4	15	-	15	5	-	5	20
Horticulture										
	PF	Protected cultivation (Green house, Net house, tunnels)	4	20	-	20	-	-	-	20
	PF	Recent advances in production technologies of spices and vegetables	4	20	-	20	-	-	-	20
Livestock pr	od.									
	PF/FW	ITK practices in disease management of farm animals	4	16	-	16	4	-	4	20
	PF/FW	Hygienic milk production and management of mastitis in milch animals	4	13	3	16	2	2	4	20
Agril. Engg.	L			<u>.</u>		4				
	PF	-	-	-	-	-	-	-	-	-
	PF	-	-	-	-	-	-	-	-	-
	PF	-	-	-	-	-	-	-	-	-
Home Sc.										
	FW	Value addition in agriculture produce	4	-	16	16	-	4	4	20
	FW	Preparation of bakery products	4	-	17	17	-	3	3	20
Plan prot.			,	·		·		,		,
	PF	Integrated pest and diseases management in Kharif crops	4	12	-	12	8	-	8	20
	PF	Integrated pest and diseases management in Rabi crops	4	18	-	18	2	-	2	20
Fisheries	···•			<u></u>						
	PF	Hatch Hatchery management & Cultivation of fresh water Prawn and Fish	4	20	-	20	-	-	-	20
	PF	Sea weed cultivation & preparation of liquid seaweed fertilizer (LSF)	4	20	-	20	-	-	-	20
Soil Health				£						
	PF	-	-	-	-	-	-	-	-	-

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration		f partic	•		er of S		G.
			in days	M	F	Т	М	F	Т	Total
Crop Produc			T	·····	T	·	·····		···•	
	PF	Advances in production technology of groundnut, cotton and INM	2	20	-	20	5	-	5	25
	PF	Organic farming and certification	2	31	-	31	4	-	4	35
	PF	Advances in production technologies of rabi crops, INM and organic farming	2	30	-	30	5	-	5	35
	PF	Crop diversification, soil health management, Soil sampling techniques & importance of soil analysis	2	40	-	40	-	-	-	40
Horticulture				L						
	PF	Layout and Management of mango orchards, Protected cultivation of flower & vegetables crops	2	25	-	25	-	-	-	25
	PF	Organic farming in Horticultural crops	2	23	2	25	-	-	-	25
	PF	Cultivation of spices, onion and garlic	2	25	-	25	-	-	-	25
	PF	Production Technologies of date palm	2	25	-	25	5	-	5	30
Live Stock P			*		•	•				
	PF	Disease, nutrition management & ITK practices in livestock	2	25	-	25	-	5	5	30
	PF	Care of pregnant animals and Care after calving	2	20	5	25	-	5	5	30
	PF	Deworming programme, control of parasites and artificial insemination in farm animals	2	20	-	20	5	-	5	25
Agril. Engg.	<u>.</u>	·	<u> </u>	£	<u>.</u>	<u></u>				
	PF	-	-	-	-	-	-	-	-	-
	PF	-	-	-	-	-	-	-	-	-
Home Sc.							7			
	FW	Drudgery reducing technologies for farm women in agriculture and kitchen gardening	2	-	35	35	-	-	-	35
	FW	Nutritional diet for farm women, pregnant women, children & adolescent girls and Importance of vaccination and health care for infant	2	-	30	30	-	5	5	35
	FW	Preservation of fruits, vegetables and preparation of different types of masala	2	-	30	30	-	5	5	35
	FW	Preparation of bakery products	2	-	20	20	-	5	5	25
Plant Protec	tion		i	İ	i	<u>i</u>	.i		<u>i</u>	
	PF	IPDM in major kharif crops	2	30	-	30	5	-	5	35
	PF	IPDM in major rabi crops	2	25		25	-	-	-	25
	PF	Biological control of pest & diseases in major crops	2	30	-	30	5	-	5	35
Fisheries	<u>i</u>		L	i	<u>.</u>	<u></u>				.
	PF	Shrimp farming in Brackish water -Vannami	2	35	-	35	-	-	-	35
	PF	Major Carp Culture	2	30	-	30	-	-	-	30
	PF	Seaweed cultivation and preparation of LSF	2	35	-	35	-	-	-	35
	PF	Mariculture practices- Cage culture and Value addition	2	25	-	25	-	-	-	25
Soil health	<u>i</u>		±	£	<u></u>	4	. <u>.</u>			

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month Duratio		Par	No. o ticipa	-		SC/ST ticipa		G.Total
Lincipiloc	Alou			II (uuyo,	М	F	Т	М	F	Т	
-	PIS	Production of organic inputs (vermicomposting)	-	21	15	-	15	-	-	-	15
Vegetables	HOV	Plug Nursery raising technique for business	-	21	15	-	15	-	-	-	15

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	9		Number of SC/ST		G. Total			
On Campus			days	M	F	Т	M	F	Т	
-	Extension functionaries	Integrated crop management- major crops	2	21	4	25	5	-	5	30

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of	partic	ipants	N	G. Total		
					М	F	Т	М	F	Т	
a) Sponso	red training pro	gdramme									
Crop Production	ATMA	PF	Soil health management	2	40	5	45	8	2	10	55
Horticulture	ATMA	PF	Production of organic spices	2	42	8	50	6	4	10	60
Plant Protection	ATMA	PF	Integrated management of pink ball worm in cotton	2	40	15	55	5	4	9	64
Plant Protection	ATMA	PF	Management of white grub in groundnut	2	50	14	64	2	2	4	68
Animal Husbandry	ATMA	PF	Artificial insemination	2	45	20	65	8	7	15	80
Fisheries	ATMA	PF	Aquaculture Practices	2	50	10	60	-	-	-	60
Total -	-	-	-	12	267	72	339	29	19	48	387
b) Sponso	red research pro	ogramme				i			.1	.i	
- [-	-	-	-	-		-		-	-	-
			Total	-	-		-		-	-	-
c) Any spe	ecial programme	es .	,						-		
-	-	-	-	-	-		-	- -	-	-	-
			Total	-	-		-	- -	-	-	-